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- 14b.** Return to an Order of the House of Commons, dated 2nd March, 1885, for a statement showing the receipts and expenditure of the liquidators of the Canada Agricultural Insurance Company, from date of appointment up to this day, giving in detail the names of shareholders who have paid instalments, the dates and amounts of payments made, the balances due, the amount now owing by each shareholder, and the amounts for which they were liable when the company was put in liquidation; also a detailed statement of the sums paid by the said liquidators, the names of the persons to whom payments were made, the dates thereof, the object for which such payments were made, and all other information necessary to show precisely the financial condition of the said insolvent company, including a statement of the affairs of the company when it was placed in liquidation. Presented to the House of Commons, 31st March, 1885.—*Mr. Amyot* ..... *Not printed.*
- 15.** Annual Report of the Minister of Justice as to Penitentiaries in Canada, for the year ended 30th June, 1884. Presented to the House of Commons, 2nd February, 1885, by Sir Hector Langevin.....*Printed for both Distribution and Sessional Papers.*
- 15a.** Return to an Order of the House of Commons, dated 30th March, 1885, for copies of all correspondence between the Department of Justice and the Inspectors or the Warden of the Penitentiary of British Columbia, in regard to the suspension, in whole or in part, of any of the rules of said institution. Presented to the House of Commons, 20th April, 1885.—*Mr. Shakespeare*.....*Not printed.*
- 16.** Annual Report on the Library of Parliament. Presented to the House of Commons, 29th January, 1885, by Hon. Mr. Speaker.....*Printed for Sessional Papers only.*

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- 17.** Shareholders in the Chartered Banks of the Dominion of Canada, as on the 31st of December, 1884. Presented to the House of Commons, 20th March, 1885, by Sir Leonard Tilley—  
*Printed for both Distribution and Sessional Papers.*
- 17a.** Memorandum respecting the estate of the Bank of Upper Canada. Presented to the Senate, 25th February, 1885, by Hon. Sir Alexander Campbell.....*Not printed.*
- 18.** Dominion Police Commissioners' Return to Parliament, 1884, required by 31 Victoria, chapter 73. Presented to the House of Commons, 2nd February, 1885, by Sir Hector Langevin—  
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- 19.** Return of Governor General's Warrants issued since last Session of Parliament on account of 1883-84 and 1884-85, in accordance with 41 Victoria, chapter 7, section 32, sub-section 2. Presented to the House of Commons, 2nd February, 1885, by Sir Leonard Tilley.  
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- 20.** Statement of payments charged to Unforeseen Expenses, by Orders in Council, from 1st July, 1884, to date, in conformity with Act 47 Victoria, chapter 2, schedule B. Presented to the House of Commons, 2nd February, 1885, by Sir Leonard Tilley.....*Not printed.*
- 21.** Report of the Commissioners appointed to consolidate and revise the Statutes of Canada. Presented to the House of Commons, 3rd February, 1885, by Sir John A. Macdonald.  
*Printed for Distribution only.*
- 22.** Statement of name and rank of each person superannuated or retired, his salary, age, length of service, the allowance granted him on retirement, cause of his superannuation, and whether the vacancy has been subsequently filled, and, if so, whether by promotion or new appointment, and the salary of the new appointee, under 46 Victoria, chapter 8, section 15, from 1st January to 31st December, 1884. Presented to the House of Commons, 3rd February, 1885, by Sir Leonard Tilley.....*Printed for Distribution only.*
- 22a.** Return to an Order of the House of Commons, dated 6th February, 1885, for a statement showing for the time elapsed since the period covered by the Order of the House of Commons

of last Session, with reference to the Superannuation Fund: 1. The number of persons on the list for the year as entitled to the benefit of the Act. 2. The number superannuated during the year under the Act. 3. The number retired during the year on a gratuity under the Act. 4. The total amount paid into the fund from the beginning by those who were during the year superannuated or retired on a gratuity; distinguishing between those whose superannuation was caused by the abolition of office, those who were superannuated otherwise, and those who retired on a gratuity. 5. The number of persons on the list for the year who died in the service. 6. The total amount paid into the fund from the beginning by those who during the year died in the service. Presented to the House of Commons, 2nd March, 1885.—*Mr. Blake—*

*Printed for Sessional Papers only.*

- 22b.** Return to an Order of the House of Commons, dated 6th February, 1885, for a Return: 1. Showing the number of persons on the list of Civil Servants on the 1st day of January, in the years 1879-80-81-82-83-84 and '85, separately, contributing to the Superannuation Fund. 2. Showing the number of persons on the list of Civil Servants on the 1st day of January, 1885, entitled to the benefit of the Superannuation Act, by annuity in case of retirement. 3. The total amount paid into the fund from the beginning by each of those superannuated during the year 1884, also the respective amounts paid in by those granted a gratuity during the year 1884. Presented to the House of Commons, 23rd March, 1885.—*Mr. McMullen.....Not printed.*
- 22c.** Return to an Address of the House of Commons, dated 28th March, 1884, for copies of all Orders in Council, correspondence, complaints, reports or other documents in connection with the suspension, superannuation or retirement of W. F. Whitcher from the Public Service. Presented to the House of Commons, 8th June, 1885.—*Mr. Casey.....Not printed.*
- 23.** Return (*in part*) to an Order of the House of Commons, dated 14th February, 1884, for return of all sums paid to the *Gazette* Publishing Company of Montreal, and other newspapers, for printing and advertising during the years 1874 and 1883. Presented to the House of Commons, 4th February, 1885.—*Mr. McMullen.....Not printed.*
- 23a.** Return (*in part*) to an Address of the House of Commons, dated 17th February, 1885, for a Return showing the several sums paid and dates of payment made by the Government between the 1st day of January, 1884, and the 30th day of June, 1884, and between the 1st day of July and the 31st day of December, 1884, to the several printing and publishing companies of the Dominion, or to editors, agents or proprietors of newspapers, or publishers of any kind, for any work done or material furnished. Presented to the House of Commons, 29th May, 1885.—*Mr. McMullen.....Not printed.*
- 24.** Official Return of the distribution of the Dominion Statutes of Canada, being 47 Victoria, 2nd Session, 5th Parliament, 1884—Vols. 1 and 2 separately, and 1 and 2 together; English and French versions. Presented to the House of Commons, 6th February, 1885, by Hon. J. A. Chapeau.....*Not printed.*
- 25.** Articles of agreement entered into between Andrew Onderdonk and Her Majesty Queen Victoria, represented by the Minister of Railways and Canals of Canada, to furnish and erect a combined passenger and freight building at each of the following places on the line of the Canadian Pacific Railway in British Columbia, viz.:—Yale, Lytton and Ashcroft. Also between John Philip Bacon and Her Majesty Queen Victoria, &c., to construct nine water tanks on Canadian Pacific Railway in British Columbia, between Emory's Bar and Savona's Ferry. Presented to the House of Commons, 6th February, 1885, by Hon. J. H. Pope—*Not printed.*
- 25a.** Return (*in part*) under resolution of the House of Commons, passed on the 20th February, 1882, on all subjects affecting the Canadian Pacific Railway, respecting details as to: 1. The selection of the route. 2. The progress of the work. 3. The selection or reservation of land. 4. The payment of moneys. 5. The laying out of branches. 6. The progress thereon. 7. The rates of tolls for passengers and freight. 8. The particulars required by the Consolidated Railway Act and amendments thereto, up to the end of the previous fiscal year. 9. Like particulars up to the latest practicable date before the presentation of the return. 10. Copies of all

- Orders in Council and of all correspondence between the Government and the Railway Company, or any member or officer of either, relating to the affairs of the company. Presented to the House of Commons, 13th February, 1885, by Hon. J. H. Pope—  
*Printed for Sessional Papers only.*
- 25b.** Annual Return *in re* the Canadian Pacific Railway, 1884-85, under resolution of the House of Commons, passed on the 20th February, 1882. Presented to the House of Commons, 13th February, 1885, by Sir John A. Macdonald.....*Printed for Sessional Papers only.*
- 25c.** Supplementary Return to a Standing Order of the House of Commons, dated 20th February, 1882, for full information on all subjects affecting the Canadian Pacific Railway up to the latest date, and particularly all details as to: 1. The selection of the route. 2. The progress of the work. 3. The selection or the reservation of land. 4. The payment of moneys. 5. The laying out of branches. 6. The progress thereon. 7. The rates of tolls for passengers and freight. 8. The particulars required by the Consolidated Railway Act and amendments thereto, up to the end of the previous fiscal year. 9. Like particulars up to the latest date before the presentation of the return. 10. Copies of all Orders in Council and of all correspondence between the Government and the Railway Company, or any member or officer of either, relating to the affairs of the company. Presented to the House of Commons, 17th February, 1885, by Hon. J. A. Chapleau.....*Printed for Sessional Papers only.*
- 25d.** Return to an Order of the House of Commons, dated 9th February, 1885, for a statement and plan showing the grades and curves on the temporary or permanent line actually constructed by the Canadian Pacific Railway Company, from the foot of the Rocky Mountains as far as the rails are laid; and the proposed grades and curves on the continuation to Kamloops; showing also the proposed grades and curves on the permanent line at a point at which a temporary line of about nine miles has been constructed. Presented to the House of Commons, 5th March, 1885.—*Mr. Blake*.....*Not printed.*
- 25e.** Return to an Order of the House of Commons, dated 5th February, 1885, for map or maps showing: 1. The location of the Canadian Pacific Railway, so far as approved of or constructed. 2. Its location, so far as proposed to Government, but not yet approved. 3. The location of any branches constructed or acquired and of any now contemplated by the company, so far as the Government is advised. 4. The lands set apart for the company, but not yet granted. 5. The lands granted. 6. The lands applied for, but not yet set apart. Presented to the House of Commons, 5th March, 1885.—*Mr. Blake*.....*Not printed.*
- 25f.** Return to an Address of the House of Commons, dated 5th February, 1885, to His Excellency the Governor General, praying that he will cause to be laid before the House a copy of: 1. Correspondence between the Canadian Pacific Railway Company and the North Shore Railway Company, for the purchase, by the said Canadian Pacific Railway Company, of the said North Shore Railway from St. Martin's Junction to Quebec, or to obtain control of the same, or to make such arrangements as would allow the said Canadian Pacific Railway to extend its railway to Quebec. 2. Of all correspondence between the Government and the Canadian Pacific Railway Company concerning the extension of their railway from St. Martin's Junction to the Harbor of Quebec. 3. Of all correspondence between the Government and any other persons for the purpose of incorporating such persons for the construction of a railway from the terminus of the Canadian Pacific Railway, at St. Martin's Junction, to the Harbor of Quebec. Presented to the House of Commons, 5th March, 1885.—*Mr. Laurier*.....*Not printed.*
- 25g.** Return to an Order of the House of Commons, dated 17th February, 1885, for a copy of separate report or finding of Judge Clarke, one of the arbitrators on the claims for damages of contractors for Section B, Canadian Pacific Railway, in regard to such claims or to the award in reference thereto, signed by Messrs. Brydges and Light, the other arbitrators. Presented to the House of Commons, 5th March, 1885.—*Mr. Casey*.....*Not printed.*
- 25h.** Return to an Order of the House of Commons, dated 17th February, 1885, for a copy of the case submitted by the Government to counsel, and opinion given by counsel consulted by the Government, as to the validity of the award of damages to contractors for Section B, Canadian Pacific Railway, and as to the action that should be taken in reference to such award. Presented to the House of Commons, 5th March, 1885.—*Mr. Casey*..... *Not printed.*

- 25i.** Return to an Order of the House of Commons, dated 16th February, 1885, for a statement of sums paid to the Canadian Pacific Railway Company up to date, for constructions on those portions of the Canadian Pacific Railway between Port Arthur and Winnipeg, the contract for which has been transferred to them from the original contractors, with dates of payment; also, copies of estimates on which such payments have been made, showing quantities and rates. Presented to the House of Commons, 5th March, 1885.—*Mr. Casey*.....*Not printed.*
- 25j.** Supplementary Return, under resolution of the House of Commons, passed on the 20th February, 1882, on all subjects affecting the Canadian Pacific Railway, respecting details as to:  
1. The selection of the route. 2. The progress of the work. 3. The selection or reservation of land. 4. The payment of money. 5. The laying out of branches. 6. The progress thereon. 7. The rates of tolls for passengers and freight. 8. The particulars required by the Consolidated Railway Act and amendments thereto, up to the end of the previous fiscal year. 9. Like particulars up to the latest practicable date before the presentation of the Return. 10. Copies of all Orders in Council, and of all correspondence between the Government and the Railway Company, or any member or officer of either, relating to the affairs of the company. Presented to the House of Commons, 5th March, 1885, by Hon. J. A. Chapleau.  
*Printed for Sessional Papers only.*
- 25k.** Return to an Address of the House of Commons, dated 5th February, 1885, for a statement showing the date and rate at which the ten million dollars of Canadian Pacific Railway stock formerly pledged for a loan of about \$4,950,000 was sold, and the net amount received by the company in respect of such sales. Presented to the House of Commons, 9th March, 1885.—*Mr. Blake*.....*Not Printed.*
- 25l.** Return to an Order of the House of Commons, dated 4th February, 1885, for copies of all reports of Government engineers, made previous to and on this day, in relation to the survey of the several proposed lines for the extension of the Canadian Pacific Railway from Montreal to a port on the Atlantic Ocean. Also the instructions and the official correspondence which passed between the several engineers and the Government. Presented to the House of Commons, 11th March, 1885.—*Mr. Lesage*.....*Not printed.*
- 25m.** Return to an Address of the House of Commons, dated 17th February, 1885, for a plan of the proposed route or routes of the Canadian Pacific Railway from Port Moody, or the neighborhood thereof, to English Bay or Coal Harbor, showing the point at which the route chosen diverges from the main line, and the distance thereof from the present terminus at Port Moody; also an estimate of the cost of constructing the proposed line to the new Pacific terminus, and of the cost of the terminal accommodations there. Presented to the House of Commons, 13th March, 1885.—*Mr. Blake*.....*Not printed.*
- 25n.** Return to an Address of the House of Commons, dated 23rd February, 1885, for copies of the report of Mr. Van Horne, Vice-President of the Canadian Pacific Railway Company, of September last, and of Mr. S. B. Read, C.E., of the same month, with reference to the Canadian Pacific Railway in British Columbia; and also reports of engineers of high standing, as to the route of the Canadian Pacific Railway at the point where a temporary line has been built, referred to in the letter from Mr. Van Horne to the Minister of Railways and Canals, of 19th May, 1884, and for any report of Mr. Fleming on the subject, in the possession of the Railway Company. Presented to the House of Commons, 13th March, 1885.—*Mr. Blake*—  
*Printed for Sessional Papers only.*
- 25o.** Return to an Address of the House of Commons, dated 17th February, 1885, for a copy of the claim put in by the contractors of Section B, on which the award to them of \$395,600 was based; and of Order in Council of 2nd April, 1883, in reference to submission to arbitrators. Presented to the House of Commons, 13th March, 1885.—*Mr. Casey*.....*Not printed.*
- 25p.** Supplementary Return to an Order of the House of Commons, dated 17th February, 1885, for a copy of the case submitted by the Government, as to the validity of the award of damages to contractors for Section B, Canadian Pacific Railway, and as to the action that should be taken in reference to such award. Presented to the House of Commons, 16th March, 1885.—*Mr. Casey*.....*Not printed.*



- 25q.** Return to an Address of the House of Commons, dated 5th February, 1885, for copies of all correspondence, reports and Orders in Council not covered by the previous Address, relating to the allowances proposed to be paid to the Canadian manufacturers of certain goods required by the Canadian Pacific Railway; of all applications for such allowances, and correspondence in connection therewith; a statement of the calculations on which the allowances have been based, and an estimate in detail of the probable sums payable out of the Treasury in respect of each class of goods, assuming them to be made in Canada, to the extent of the company's requirements, and of the *ad valorem* percentage of all allowances on each such class. Presented to the House of Commons, 18th March, 1885.—*Mr. Blake*.....*Not printed.*
- 25r.** Return to an Address of the House of Commons, dated 12th March, 1885, for a statement showing the names and addresses of all shareholders in the Canadian Pacific Railway Company, with the amount of stock held by each, as of the date of 16th February, 1885. Presented to the House of Commons, 18th March, 1885.—*Mr. Blake*.....*Not printed.*
- 25s.** Return to an Order of the House of Commons, dated 16th February, 1885, for a copy of the report of the engineers appointed to re-measure and re-classify the work on Section B, Canadian Pacific Railway, in connection with the claims of the contractors for said section for increased remuneration for such work and for damages. Also all reports of the engineers in charge of said section, or of the Engineer-in-Chief or any other Government engineer, in reference to the questions of measurement, classification or damages at issue between the Government and the contractors. Presented to the House of Commons, 23rd March, 1885.—*Mr. Casey*—  
*Printed for Sessional Papers only.*
- 25t.** Return to an Address of the House of Commons, dated 9th February, 1885, for a statement showing the number of passenger trains, freight trains and mixed trains, distinguishing each class, run daily, or weekly in cases in which there was not a daily train, over each division of the Canadian Pacific Railway, in each week of the years 1883 and 1884 respectively. Presented to the House of Commons, 26th March, 1885.—*Mr. Blake*.....*Not printed.*
- 25u.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of all memorials, letters and other representations, in writing, received by the Government on the subject of the non-payment by the Canadian Pacific Railway Company of amounts due to contractors, sub-contractors or laborers engaged in the construction of the Canadian Pacific Railway. Presented to the House of Commons, 26th March, 1885.—*Mr. Charlton*—  
*Not printed.*
- 25v.** Supplementary Return to a Standing Order of the House of Commons, passed on the 20th February, 1882, for full information on all subjects affecting the Canadian Pacific Railway up to the latest date, and particularly all details as to: 1. The selection of the route. 2. The progress of the work. 3. The selection or reservation of land. 4. The payment of the moneys. 5. The laying out of branches. 6. The progress thereon. 7. The rates of tolls for passengers and freight. 8. The particulars required by the Consolidated Railway Act and amendments thereto up to the end of the previous fiscal year. 9. Like particulars up to the latest practicable date before the presentation of the return. 10. Copies of all Orders in Council and of all correspondence between the Government and the railway company, or any member or officer of either, relating to the affairs of the company. Presented to the House of Commons, 23rd April, 1885, by Hon. J. H. Pope.....*Not printed.*
- 25w.** Return to an Address of the House of Commons, dated 12th February, 1885, for a statement in detail of the present position of land grant and the land grant bonds of the Canadian Pacific Railway Company, showing, by the number of the section, the township and range or other description, the lots granted to the company. Also the lots sold by the company. Also the amount of land grant bonds in the hands of the Government; the amount in the hands of the company; the amount in the hands of the public; the amount pledged by the company for loans, or otherwise, with details, and the amount cancelled; showing also the sum received by the company for lands sold in each calendar year and in the course of the present year; and the amount now due to the company in respect of lands sold, with a separate statement showing the amount received by the company from sales in town sites, and

the amount now due on such sales, distinguishing between the receipts and debts on account of town sites comprised in the land grant, or in any arrangement with the Government, and the receipts and debts on account of other town sites. Presented to the House of Commons, 23rd April, 1885.—*Mr. Blake*.....*Not printed.*

**25z.** Return to an Order of the House of Commons, dated 2nd March, 1885, for copies of all reports, plans, specifications, estimates, contracts, correspondence and other papers in connection with the construction of the Canadian Pacific Railway wharf and freight shed at Port Moody, B.C., and relating to its deterioration and repairs or reconstruction. And like papers as to the bridge on the railway near Spuzzum, B.C. Presented to the House of Commons, 23rd April, 1885.—*Mr. Blake*.....*Not printed.*

**25y.** Return to an Order of the House of Commons, dated 24th February, 1885, for any information in the possession of the Department as to the character of the work done near Lytton, B.C., on the Canadian Pacific Railway, on that portion of the road for which Mr. Hugh J. Keefer had a sub-contract, and which was under the inspection of his brother, Mr. George Keefer, Government engineer; also copies of any statements as to the character of the material allowed as rock or as other than earth, in this part. Presented to the House of Commons, 24th April, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*

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**25z.** Return to an Order of the House of Commons, dated 23rd February, 1885, for all reports, plans and other information in the possession of the Department in reference to the work on the Canadian Pacific Railway at or near Maple Ridge, a short distance above Hammond, on the bank of the Fraser, B.C.; for all reports and information in the possession of the Department as to the condition of the work on the Government sections of the Canadian Pacific Railway in British Columbia; and as to the extent of work remaining to be done before the completion of the contract; also for all correspondence with the Canadian Pacific Railway Company as to the taking over by them of these sections of the railway; also for a statement of the names, salaries and period of service in that region, of the Government engineers who have been employed on the Government sections in British Columbia of the Canadian Pacific Railway, with the dates at which any of them were relieved, a statement of the cause of their removal, and of their present occupation, if any, under the Government. Presented to the House of Commons, 5th May, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*

**25aa.** Return to an Order of the House of Commons, dated 2nd of March, 1885, for copies of all applications, statements, estimates or letters sent from the Canadian Pacific Railway to the Government, or any of its officials, in relation to the change made by the Government between 7th April, 1884, and 16th May, 1884, in the dealing with rolling stock in progress estimates and payments in the Eastern Section, Western Division, and copies of all correspondence and papers upon the same subject. Presented to the House of Commons, 5th May, 1885.—*Mr. Edgar*.....*Not printed.*

**25bb.** Supplementary Return to a Standing Order of the House of Commons, passed on the 20th February, 1882, for full information on all subjects affecting the Canadian Pacific Railway up to the latest date, and particularly all details as to: 1. The selection of the route. 2. Progress of the work. 3. The selection or reservation of land. 4. The payment of moneys. 5. The laying out of branches. 6. The progress thereon. 7. The rates of tolls for passengers and freight. 8. The particulars required by the Consolidated Railway Act and amendments thereto, up to the end of the previous fiscal year. 9. Like particulars up to the latest practicable date before the presentation of the Return. 10. Copies of all Orders in Council and of all correspondence between the Government and the Railway Company, or any member or officer of either, relating to the affairs of the company. Presented to the House of Commons, 5th May, 1885, by Hon. J. H. Pope.....*Not printed.*

**25cc.** Letter and statements from George Stephen, Esq., President of the Canadian Pacific Railway Company, to the Hon. the Minister of Railways and Canals, accompanied by Mr. Miall's condensed balance sheet on the affairs of the Canadian Pacific Railway Company on the 1st January, 1885. Presented to the House of Commons, 7th May, 1885.—*Sir J. A. Macdonald*.....*Printed for both Distribution and Sessional Papers.*

- 25dd.** Return to an Order of the House of Commons, dated 6th February, 1885, for a Return of the names of persons in the employ of the Government along the line of the Canadian Pacific Railway during the year 1884, the date of their engagement, the length of time employed, the work assigned them and the salary, fee or allowance paid; also the amount of travelling expenses paid to each. Presented to the House of Commons, 8th May, 1885.—*Mr. McMullen*.....*Not printed.*
- 25ee.** Supplementary Return to an Order of the House of Commons, dated 2nd March, 1885, for copies of all applications, statements, estimates or letters sent from the Canadian Pacific Railway to the Government or any of its officials, in relation to the change made by the Government between 7th April, 1884, and 16th May, 1884, in the dealing with rolling stock, in progress estimates and payments in the Eastern Section, Western Division, and copies of all correspondence and papers upon the same subject. Presented to the House of Commons, 16th May, 1885.—*Mr. Edgar*.....*Not printed.*
- 25ff.** Return to an Order of the House of Commons, dated 2nd March, 1885, for copies of all the estimates, in detail, furnished to the Government by the Canadian Pacific Railway Company, and by the Government engineer, upon which the estimated cost of \$23,000 per mile was based for the portion of the Eastern Section from the 100th mile to the 120th mile west of Callander, giving quantities, classification and prices; also for a statement of the actual quantities, description and classification of the work from the 100th mile to the 120th mile west of Callander on the 12th August, 1884, when the subsidy and loan were paid by the Government as a completed line. Presented to the House of Commons, 16th May, 1885.—*Mr. Edgar*.....*Not printed.*
- 25gg.** Return to an Order of the House of Commons, dated 2nd March, 1885, for copies of the report of survey by Vernon Smith, C.E., in relation to the extension of the Canadian Pacific Railway to Canadian ports on the Atlantic. Presented to the House of Commons, 16th May, 1885.—*Mr. Lesage*.....*Not printed.*
- 25hh.** Return to an Address of the House of Commons, dated 12th March, 1885, for copy of all offers made to the Government for the construction of a railway connecting the Ontario railway system, at or near to Gravenhurst, with the Canadian Pacific Railway. Presented to the House of Commons, 9th June, 1885.—*Mr. Mulock*.....*Printed for Sessional Papers only.*
- 25ii.** Return to an Address of the House of Commons, dated 12th February, 1885, for a Return showing the amounts contributed to the Canada Central Railway between Ottawa and Brockville, either by the Government of Canada, the Provincial Government of Ontario, or by the municipalities along that line of railway. Also showing what securities were taken for the amounts so advanced to the said railway company, and what disposition has been made of the said securities. Also for similar returns concerning the St. Lawrence and Ottawa Railway from Ottawa to Prescott, together with the conditions upon which such grants were made to both railways; also statement showing the present train service on both lines of railway. Presented to the House of Commons, 9th June, 1885.—*Mr. Landerkin*...*Not printed.*
- 25jj.** Supplementary Return to an Order of the House of Commons, dated 5th February, 1885, for map or maps showing: 1. The location of the Canadian Pacific Railway, so far as approved of or constructed. 2. Its location, so far as proposed to Government, but not yet approved. 3. The location of any branches constructed or acquired, and of any now contemplated by the company, so far as the Government is advised. 4. The lands set apart for the company, but not yet granted. 5. The lands granted. 6. The lands applied for, but not yet set apart. Presented to the House of Commons, 11th June, 1885.—*Mr. Blake*.....*Not printed.*
- 25kk.** Return to an Address of the House of Commons, dated 12th March, 1885, for a copy of all correspondence between the Government of Quebec and the Government of Canada concerning the application of the sum of \$960,000 reserved by the statute 47 Victoria, chapter 8, for the extension of the Canadian Pacific Railway from its terminus at St. Martin's Junction to the Harbor of Quebec. Presented to the House of Commons, 15th June, 1885.—*Mr. Laurier*—*Printed for Sessional Papers only.*
- 25ll.** Return to an Address of the House of Commons, dated 9th February, 1885, for a statement showing the gross earnings, expenses and net earnings of the Canadian Pacific Railway for each month of the years 1883 and 1884, distinguishing between the main line and the lines now

worked under the lease from the Ontario and Quebec Railway Company; and distinguishing also between the main line east of Port Arthur or Fort William and the main line west of that point, giving in each case the mileage open for traffic during the month specified. Presented to the House of Commons, 16th June, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*

- 25mm.** Return to an Address of the House of Commons, dated 12th February, 1885, for a statement showing: 1. The expenditure by the Canadian Pacific Railway Company upon its main line of railway between Callander and Port Arthur and between Selkirk and Kamloops, since the expenditure of \$23,078,950, shown by the letter of Mr. Stephen to the Minister of Railways and Canals on the 15th January, 1884. 2. The materials on hand in respect of the described main line of railway. 3. The receipts by the company since the account given in the said letter in respect of—(a.) Cash subsidy; (b.) Government loan; (c.) Land grant bonds or land sales, or from the pledging of land grant bonds. 4. The amount, if any, due by the company in respect of construction of the described main line. 5. Estimates of the cost of the work of construction remaining to be done on the described main line, showing whether the materials on hand are taken into account in such estimates or not. 6. An estimate of the whole cost of construction of the described main line when completed. 7. Statement of the cost of equipment of the described main line at the date of the account in Mr. Stephen's letter. 8. Statement of the cost of equipment of the described main line since that date. 9. Estimate of the further cost of equipment of the described main line when completed. 10. Estimate of the complete cost of equipping the described main line. All such statements and estimates being separate for each of the described divisions, viz., (a) that between Callander and Port Arthur, and (b) that between Selkirk and Kamloops. Presented to the House of Commons, 16th June, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*
- 25nn.** Return to an Address of the House of Commons, dated 24th February, 1885, for a statement of the cost of the Canadian Pacific Railway from Winnipeg to a point 615 miles west of Winnipeg, divided under the usual sub-headings of cost of railway construction; or in case the company has not recorded the expense under the usual sub-headings, then divided in such a way and in such detail as the company has recorded it. Presented to the House of Commons, 16th June, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*
- 25oo.** Return to an Address of the House of Commons, dated 8th April, 1885, for a Return showing the date of completion of the main line of the Canadian Pacific Railway from Winnipeg to Brandon, from Brandon to Moose Jaw, from Moose Jaw to Calgary, the dates on which each section was opened for traffic, the dates on which such section was inspected by the Government engineer, with all Orders in Council, papers and correspondence affecting the tariff rates for passengers and freight upon such line, not already brought down. Presented to the House of Commons, 15th June, 1885.—*Mr. Watson*.....*Not printed.*
- 25pp.** Return to an Address of the Senate, dated 25th February, 1885, for all correspondence had since the 1st January, 1884, between the Government of Canada and the Government of the Province of Quebec, concerning all sums of money granted by the Government of Canada to the Province of Quebec, and all claims of the Province of Quebec, by way of indemnity on account of the construction of the North Shore Railway, heretofore called the Quebec, Montreal, Ottawa and Occidental Railway, together with a copy of all memorials presented to the Federal Government during the same period by the Government of Quebec, respecting all claims or demands of indemnity for the same cause. Presented to the Senate, 16th April, 1885.—*Hon. Mr. Trudel*,.....*Printed for Sessional Papers only.*
- 25qq.** Return to an Order of the House of Commons, dated 13th February, 1885, for a statement showing: 1. The total number of permanent timber trestles and the total number of wooden bridges constructed, or under contract for construction, upon the line of the Canadian Pacific Railway. 2. The length, in feet, and the maximum height of each of said trestles and of each of said bridges. Such statement to identify the trestles and bridges by numbering them consecutively from Sudbury westward. Presented to the House of Commons, 14th July, 1885.—*Mr. Edgar*.....*Not printed.*
- 25rr.** Return to an Address of the House of Commons, dated 17th February, 1885, for: 1. A statement of the present position of the debt of six hundred thousand dollars, due last Session

by the North American Contracting Company to the Canadian Pacific Railway, with information as to whether the same has been settled, and if so, when and upon what terms, and if unsettled, what steps have been taken, or are being taken, to procure a settlement; also a statement of the present position of a sum of about six hundred thousand dollars invested by the Canadian Pacific Railway Company in stock of the Canada North-West Land Company, with a statement of its value, at the average price for the month of January, 1885. 2. Also plan and statement showing the grades and curves on the line of the Canadian Pacific Railway as far as constructed, including all the Government sections, but exclusive of the line constructed by the company from the foot of the Rocky Mountains to Kamloops. 3. Also a copy of the prospectus, advertisement and other papers in connection with the recent proposal for the issue of bonds of the Ontario and Quebec Railway Company, guaranteed by the Canadian Pacific Railway Company, with a statement of the amount sold and the average rate. 4. Also an estimate of the cost of the Canadian Pacific Railway between Callander and Port Arthur, divided under the usual heads of sub-divisions in railway construction, with separate estimate for equipment. 5. Also a like estimate, in similar form, of the cost of the construction of the Canadian Pacific Railway between Calgary and the summit of the Rocky Mountains, and from the summit of the Rocky Mountains to the junction with the Government section, each separately, with a statement of the items in which a saving of four million dollars upon the estimate of last Session is calculated by the officers of the company. 6. Also a statement of the expenditure by the Canadian Pacific Railway Company on any account, except the construction and equipment of the contracted line between Callander and Port Arthur, and between Selkirk and Kamloops. Presented to the House of Commons, 14th July, 1885.—*Mr. Blake*.....*Not printed.*

**25ss.** Return to an Address of the House of Commons, dated 17th February, 1885, for: 1. A statement of the expenditure of the Canadian Pacific Railway Company since the account in Mr. Stephen's letter to the Minister of Railways and Canals, 15th January, 1884, upon branch lines, specifying each line, the expenditure thereon, the purpose thereof, and the additional mileage beyond 269 miles completed at the date of Mr. Stephen's letter. 2. Statement of the cost of equipment of such branch lines; (a.) At the date of said letter; (b.) Since that time. 3. Estimate for any further cost of equipment for such branch lines so far as completed. 4. Statement in detail of the further sums paid in respect of the extensions or branches east of Callander, since the date of said letter, when they amounted to \$3,203,050. 5. A statement of the present condition of the account for advances towards acquiring a line to the seaboard, and for other purposes, alleged to be within the charter, shown by the said letter at \$3,482,251; with a detail of any further payments of a like character. Presented to the House of Commons, 18th July, 1885.—*Mr. Blake*.....*Not printed.*

**25tt.** Return to an Address of the House of Commons, dated 17th February, 1885, for copies of all correspondence and agreements between the Government and the Canadian Pacific Railway Company on the subject of immigration to Manitoba and the North-West, together with a statement showing the amount expended by the company in promoting such immigration, giving amounts paid, with dates, to whom paid, and the nature of service rendered; also estimate of the company of number of persons from foreign countries who have actually settled there in each year since date of charter. Presented to the House of Commons, 18th July, 1885.—*Mr. Paterson (Brant)*.....*Not printed.*

**25uu.** Supplementary Return to an Address of the House of Commons, dated 17th February, 1885, for: 1. A statement of the present position of the debt of six hundred thousand dollars due last Session by the North American Contracting Company to the Canadian Pacific Railway, with information as to whether the same has been settled, and, if so, when and upon what terms, and if unsettled, what steps have been taken, or are being taken, to procure a settlement; also a statement of the present position of a sum of about six hundred thousand dollars invested by the Canadian Pacific Railway Company in stock of the Canada North-West Land Company, with a statement of its value at the average price for the month of January, 1885. 2. Also plan and statement showing the grades and curves on the line of the Canadian Pacific Railway as far as constructed, including all the Government sections, but exclusive of the line constructed by the company from the foot of the Rocky Mountains to Kamloops. Presented to the House of Commons, 20th July, 1885.—*Mr. Blake*.....*Not printed.*

- 26.** Return to an Order of the House of Commons, dated 2nd February, 1885, for a Return of the receipts and expenditure, in detail, chargeable to the Consolidated Fund, from the 1st July, 1883, to the 31st January, 1884, and from 1st July, 1884, to 31st January, 1885. Presented to the House of Commons, 9th February, 1885.—*Sir Richard Cartwright*—  
*Printed for Distribution only.*
- 27.** Return to an Order of the House of Commons, dated 2nd February, 1885, for a statement showing the amount of money on deposit to the credit of the Government of Canada on the 1st February, 1885, whether in Canada or elsewhere, together with the names of the banks wherein the said moneys are deposited, with the amount in each bank respectively; also the amount at interest and the rate of interest allowed on the said deposits in each case. Presented to the House of Commons, 9th February, 1885.—*Sir Richard Cartwright*—  
*Printed for Distribution only.*
- 28.** Return to an Address of the House of Commons, dated 30th January, 1884, for copies of all Orders in Council, despatches, correspondence and telegrams relating to the negotiations between Canada and British Columbia, not already brought down; and for a statement of the estimated net cost to Canada of the dry dock in British Columbia. Presented to the House of Commons, 10th February, 1885.—*Mr. Blake*.....*Not printed.*
- 29.** Return (*in part*) to an Address of the House of Commons, dated 24th January, 1884, for copies of all Orders in Council, reports and correspondence, not already brought down, in reference to the exercise or non-exercise of the power of disallowance as to any Provincial Acts; with a statement of the dates of prorogation of each of the Provincial Assemblies; and of the dates at which the Acts of the Session were received at Ottawa; and copy of the despatches addressed to the Lieutenant-Governors on the subject of the transmission to the Government of Canada of such Acts. Presented to the House of Commons, 10th February, 1885.—*Mr. Mulock*.....*Printed for Sessional Papers only.*
- 30.** Return to an Order of the House of Commons, dated 25th February, 1884, for a detailed statement of all moneys expended upon the Dominion steamer "Sir James Douglas," in connection with the hauling out, lengthening of, repairs to, and launching of said vessel, from 1st January, 1882, to 31st December, 1883. Presented to the House of Commons, 10th February, 1885.—*Mr. Baker (Victoria)*.....*Not printed.*
- 30a.** Return to an Order of the House of Commons, dated 25th February, 1884, for a statement showing numbers of officers and crew of steamer "Sir James Douglas," their names, rank, pay and date of first appointment, the average cost per month of maintaining said vessel for the twelve months ending 31st December, 1883, nature of service in which she has been engaged for the period mentioned, increased speed obtained by lengthening, date on which she was last swung for adjustment of compasses and copy of deviation table made therefrom. Presented to the House of Commons, 10th February, 1885.—*Mr. Baker (Victoria)*.....*Not printed.*
- 30b.** Return to an Order of the House of Commons, dated 28th March, 1884, for all correspondence of a date subsequent to 1st January, 1883, upon the subjects of repairs to, hauling out, and launching of the steamer "Sir James Douglas," in the early part of said year, between the Department of Marine and Fisheries and their agents at Victoria, B.C., or between the Department and any other person or persons, in the Province of British Columbia, upon said subject; also copies of reports sent in to the Department by the agent of the Department in British Columbia, and the master of the steamer above referred to, in connection with the serious and unpleasant difference of opinion which arose between them, reflecting discreditably upon themselves and the Department. Also all correspondence upon that or any other subject between the Department and any British Columbia member or other person, in any way reflecting upon the agent of the Department in British Columbia, to date. Presented to the House of Commons, 10th February, 1885.—*Mr. Baker (Victoria)*.....*Not printed. See 30d.*
- 30c.** Return to an Address of the Senate, dated 9th April, 1884, for copies of all documents and correspondence in possession of the Government relating to the establishment of a line of steamships between France and Canada. Presented to the Senate, 24th February, 1885. *Hon. Mr. Pelletier*.....*Printed for Sessional Papers only.*

- 30d.** Return to an Order of the House of Commons, dated 28th March, 1884, for all correspondence of a date subsequent to 1st January, 1883, upon the subject of repairs to, hauling out and launching of the steamer "Sir James Douglas," in the early part of said year, between the Department of Marine and Fisheries and their agent at Victoria, B.C., and between the Department and any other person or persons in the Province of British Columbia, upon said subject; also copies of reports sent in to the Department by the agent in British Columbia, and the master of the steamer referred to, in connection with the serious and unpleasant difference of opinion which arose between them, reflecting discreditably upon themselves and the Department; also all correspondence upon that or any other subject between the Department and any British Columbia member or other person, in any way reflecting on the agent of the Department in British Columbia, to date. Presented to the House of Commons, 14th April, 1885.—*Mr. Baker (Victoria)*.....*Printed for Distribution only.*
- 30e.** Return to an Order of the House of Commons, dated 24th February, 1885, for copies in full of the accounts and vouchers of all provisions, coal and other supplies furnished the Hudson Bay steamer "Neptune" at Halifax, in July last, and copies of all the tenders upon which all the contracts were based. Presented to the House of Commons, 14th April, 1885.—*Mr. Vail*.....*Not printed.*
- 30f.** Return to an Address of the House of Commons, dated 23rd February, 1885, for copies of all reports, correspondence, contracts, Orders in Council and other papers, in connection with the arrangements under which public moneys have been paid by the Government to the Halifax Steam Navigation Company. Presented to the House of Commons, 30th April, 1885.—*Mr. Blake*.....*Not printed.*
- 31.** Return to an Address of the House of Commons, dated 28th March, 1884, for a statement showing the present constitution of the North-West Council, the number of elected members, the district for which they are elected, the number of votes polled, the names of the candidates, and the qualifications required of the voters. Presented to the House of Commons, 19th February, 1885.—*Mr. Mills*.....*Printed for both Distribution and Sessional Papers.*
- 32.** Return to an Address of the House of Commons, dated 28th March, 1884, for a statement of all moneys paid by the Dominion Government to the Local Government of Ontario since Confederation; stating the amounts in each year and stating on what account. Presented to the House of Commons, 10th February, 1885.—*Mr. Farrow*.....*Printed for Distribution only.*
- 33.** Return to an Order of the House of Commons, dated 28th March, 1884, for: 1. Correspondence, papers, draft, notarial transfer and telegram respecting Survey Contract No. 10, of L. J. E. Garon, of the season of 1881, by which Joseph Adhemar Martin, merchant, of Rimouski, has received the sum of \$800. 2. Correspondence, papers, draft, notarial transfer and telegram, between the Minister of the Interior and the said Joseph Adhemar Martin, concerning the balance remaining due on the said transfer of the said Survey Contract No. 10, of L. J. E. Garon, of the said season of 1881. Presented to the House of Commons, 19th February, 1885.—*Mr. Billy*.....*Not printed.*
- 34.** Return to an Address of the House of Commons, dated 7th February, 1884 for copies of all correspondence between the several Provincial Governments and the Dominion Government, respecting the readjustment or increase of the money subsidies paid, or to be paid, by the latter to the former, in pursuance of the confederation agreement, or of any other arrangements since made. Also copies of all petitions from the several Provincial Legislatures to the Government, or to the Parliament of Canada, and of any memorials received by the latter from the several Provincial Governments, asking for aid or assistance in money or otherwise. Also statement showing all that has been granted in money, or otherwise, by the Government of Canada to the several provinces since 1867. Presented to the House of Commons, 10th February, 1885.—*Mr. Ouimet*.....*Printed for Sessional Papers only.*
- 34a.** Return to an Address of the House of Commons, dated 5th February, 1885, to His Excellency the Governor General, praying that he will cause to be laid before the House any correspond-

ence or papers touching applications by Local Governments for advances of money on debt account, and for any papers throwing light on the reasons for the pending Bill on that subject. Presented to the House of Commons, 27th February, 1885.—*Mr. Blake—*

*Printed for Sessional Papers only.*

- 34b.** Return to an Address of the House of Commons, dated 2nd March, 1885, for copies of all correspondence since 1st January last, between the Dominion Government and the Government of the Province of Quebec, in relation to an increase or readjustment of the Dominion subsidy to the province, including any letter written to that end by one of the said Governments to the other, or by any of the Ministers thereof in relation to the subject; also of any such correspondence with any of the other Provinces of the Dominion. Presented to the House of Commons, 23rd April, 1885.—*Mr. Amyot.....**Printed for Sessional Papers only.*
- 35.** Return to an Order of the House of Commons, dated 1st February, 1884, for copies of all correspondence and papers relating to any proposed or suggested reduction in letter postage in the Dominion of Canada. Presented to the House of Commons, 10th February, 1885.—*Mr. Charlton.....**Not printed.*
- 36.** Return to an Order of the House of Commons, dated 11th February, 1884, for copies of all correspondence or complaints to the Postmaster-General, relative to delays or neglect of postmasters in transmitting newspapers and periodicals to the office of destination, since 1st January, 1883. Presented to the House of Commons, 10th February, 1885.—*Mr. Sproule—*  
*Not printed.*
- 37.** Reports relative to the manufacturing industries in existence in Canada, submitted to the House of Commons for its information. Presented to the House of Commons, 11th February, 1885, by Sir Leonard Tilley.....*Printed for both Distribution and Sessional Papers.*
- 37a.** Return to an Address of the House of Commons, dated 6th February, 1885, for copy of the commission or other authorization, Order in Council, correspondence and instructions in relation to the commission issued for the investigation of certain facts as to the condition of the industries of Canada during the last recess. Copy of the report of the commissioners, and the evidence and data obtained by them. Statement in detail of all moneys paid in respect of the commission, and an estimate in detail of all moneys payable, but as yet unpaid; dated 11th February, 1885. Presented to the House of Commons, 12th February, 1885. *Mr. Blake—*  
*Printed for both Distribution and Sessional Papers.*
- 37b.** Return to an Order of the House of Commons, dated 4th February, 1885, for all returns, statements or correspondence in possession of the Government, showing the number of operatives employed in factories in the Dominion in 1878 and in 1884, together with the amount of capital invested and wages paid. Presented to the House of Commons, 16th February, 1885.—*Sir Richard Cartwright.....**Not printed.*

## CONTENTS OF VOLUME No. 11.

- 38.** Return to an Order of the House of Commons, dated 5th February, 1885, for copies of all correspondence relative to any payments, claims or allowances on any account whatever, in respect to the office of High Commissioner, not already brought down; and separate statement in detail, with dates and sums of all payments made on any such accounts in respect to the office, during its tenure by the present incumbent; an estimate in detail of all sums payable on any such accounts up to this date and yet unpaid; also copies of all correspondence not yet brought down, as to the letting or purchase of a residence for the High Commissioner, and as to the repairs and furnishing thereof, with copies of all accounts in connection with the same; a statement in detail of all sums paid in respect of such letting or purchase, or furnishing or repairs; and an estimate of all sums payable, but not yet paid, in respect thereof. Presented to the House of Commons, 12th February, 1885.—*Mr. Blake.....**Not printed.*
- 38a.** Return to an Address of the House of Commons, dated 2nd March, 1884, for a copy of all correspondence between this Government and the High Commissioner in England or the representatives of the Belgian Government in this country, or from the Belgian authorities at home,



or any other correspondence and papers concerning the International Exhibition in Antwerp; and also copies of the existing tariff between Belgium and England. Presented to the House of Commons, 12th March, 1885.—*Messrs. Bergeron and Amyot*.....*Not printed.*

- 38b.** Return to an Address of the House of Commons, dated 23rd February, 1885, for a copy of any further commission or Order in Council, or correspondence touching the position or salary of the High Commissioner of Canada, not already brought down. Presented to the House of Commons, 13th March, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*
- 38c.** Return to an Order of the House of Commons, dated 23rd February, 1885, for a Return showing amount paid out on account of High Commissioner to London since the creation of the office; showing separately the amount paid on account of residence, furniture and all fittings and additions thereto, and amount of salary paid to 1st January, 1885, and all items or allowances on account of taxes, light, fuel, travelling and other expenses, including salaries of private secretary and other servants or attendants, each item separately set out up to 1st January, 1885. Presented to the House of Commons, 7th April, 1885.—*Mr. McMullen*—*Printed for Sessional Papers only.*
- 39.** Return to an Address of the House of Commons, dated 4th February, 1885, for copy of all correspondence between the Government of Canada and the several Governments of the Australian and Tasmanian colonies, or anyone acting on their behalf, in relation to the establishing of a more direct communication and extension of trade between these colonies and Canada; also all correspondence between the Government of Canada and the British Government on the same subject. Presented to the House of Commons, 12th February, 1885.—*Mr. Mitchell*.....*Not printed.*
- 40.** Report of the operations and money expended, since the report of last Session, for the year 1884, with respect to the Census of 1881, in accordance with the provisions of section 25 of the Census and Statistics Act; also relating to mortuary statistics. Presented to the House of Commons, 12th February, 1885, by Hon. J. H. Pope.....*Not printed.*
- 40a.** A form of Census Return for the year 1885. Presented to the House of Commons, 13th February, 1885, by Hon. J. H. Pope.....*Not printed.*
- 41.** Return to an Order of the House of Commons, dated 4th February, 1885, for amount of sums advanced to the Government of the Dominion by way of loan by any banks or persons in Canada or England, as appearing on the 1st February, 1885. Presented to the House of Commons, 13th February, 1885.—*Sir Richard Cartwright*—*Printed for both Distribution and Sessional Papers.*
- 41a.** Return to an Order of the House of Commons, dated 4th February, 1885, for a Return giving names of all newspapers in which the loans of 1874, 1875, 1876, 1878 and 1884 were advertised, together with statement of length of time during which the said advertisements appeared. Presented to the House of Commons, 16th February, 1885.—*Sir Richard Cartwright*—*Not printed.*
- 41b.** Return to an Address of the House of Commons, dated 4th February, 1885, for copy of the prospectus of the loan recently issued in London; also a statement showing the amounts of the commission and other charges paid thereon, and to whom paid, together with the amount of the said loan subscribed for by the financial agents of the Dominion, or by the Bank of Montreal, with the dates of the said subscriptions, and copies of all Orders in Council connected with the said loan. Presented to the House of Commons, 16th February, 1885.—*Sir Richard Cartwright*.....*Printed for both Distribution and Sessional Papers.*
- 42.** Return to an Order of the House of Commons, dated 6th February, 1885, for copies of all correspondence, memorials, petitions or other documents relating to the abolition of the duty on grain, flour and coal during 1884 and up to the present time. Presented to the House of Commons, 13th February, 1885.—*Mr. Cameron (Middlesex)*.....*Not printed.*
- 42a.** Return to an Order of the House of Commons, dated 12th March, 1885, for a Return of the amount of duty collected on wheat, flour, cornmeal and corn, in the several ports of the Province of Nova Scotia, between the 30th June, 1884, and 31st December, 1884. Presented to the House of Commons, 18th March, 1885.—*Mr. Vail*.....*Not printed.*

- 42b.** Return to an Order of the House of Commons, dated 27th April, 1885, for: 1. Duties imposed on various articles in the old Province of Canada and duties now imposed. 2. Tariff in force in British Columbia and in Manitoba, respectively, at the time of Union. 3. Length of time such tariff continued in force after Union. Presented to the House of Commons, 15th June, 1885.—*Mr. Watson*.....*Not printed.*
- 42c.** Papers and telegrams respecting the Imperial Act for granting to Her Majesty certain duties on goods, wares and merchandise imported into this colony and its dependencies. Presented to the House of Commons, 11th July, 1885, by Hon. M. Bowell.....*Not printed.*
- 43.** Message from His Excellency the Governor General, transmitting to the House of Commons copies of all petitions, resolutions, correspondence and memorials on the matter of bankruptcy, which have been submitted to His Excellency in Council for consideration. Presented to the House of Commons, 13th February, 1885, by Sir John A. Macdonald..... *Not printed.*
- 44.** Return to an Address of the House of Commons, dated 9th February, 1885, for copy of memorial from the county council of Grey, praying for a refund of bonuses paid by municipalities of that county in aid of railways which are now used for Dominion purposes or tributary to such. Presented to the House of Commons, 13th February, 1885.—*Mr. Landerkin*—  
*Not printed.*
- 44a.** Return to an Address of the House of Commons, dated 18th March, 1885, for copies of petitions from the county council of the county of Elgin, presented to the Governor General in Council or the Minister of Railways and Canals, praying for a general measure of relief to municipalities of Ontario which have aided railways declared to be for Dominion purposes, by granting bonuses to them; and of all correspondence in reference to such petitions. Presented to the House of Commons, 8th April, 1885.—*Mr. Wilson*.....*Not printed.*
- 44b.** Return to an Address of the House of Commons, dated 16th March, 1885, for a copy of the memorial presented to the Government by the county council of the county of Simcoe, Ontario, praying for a refund of bonuses granted by the different municipalities of that county to railways that have been declared by this Parliament to be works for the general advantage of Canada, together with copies of all correspondence and other papers relating thereto. Presented to the House of Commons, 20th April, 1885.—*Mr. Cook*.....*Not printed.*
- 44c.** Return to an Address of the House of Commons, dated 27th April, 1885, for copies of the memorials presented to the Government by the delegates who waited on the Government in reference to the bonuses granted to railways declared to be for the general advantage of Canada. Presented to the House of Commons, 16th May, 1885.—*Mr. Watson*.....*Not printed.*
- 45.** Return to an Order of the House of Commons, dated 17th February, 1885, for a Return showing the quantity and value of wheat and flour imported into, and exported from the Dominion, by Provinces, during the six months ending 31st December, 1884—distinguishing, in the imports, the quantity entered for home consumption; and, in the exports, the product of Canada. Presented to the House of Commons, 24th February, 1885.—*Mr. Paterson (Brant)*...*Not printed.*
- 45a.** Return to an Order of the House of Commons, dated 6th February, 1885, for a Return showing the quantity of wheat, flour, corn and cornmeal imported into and exported from the various Provinces, from the 1st of July to the 31st December, 1884. Presented to the House of Commons, 24th February, 1885.—*Mr. Cameron (Middlesex)*.....*Not printed.*
- 46.** Return of the names and salaries, &c., of all persons appointed to or promoted in the Civil Service during the year ended the 31st December, 1884, specifying the office to which each has been appointed or promoted under the Canada Civil Service Act, 1882, section 55, sub-section 2. Presented to the House of Commons, 16th February, 1885, by Hon. J. A. Chapleau—  
*Printed for Sessional Papers only.*
- 46a.** Report of the proceedings of the Board of Examiners for the year 1884—presented to Parliament in terms of section 55 of the Canada Civil Service Act, 1882, 45-46 Victoria, chapters 4-7. Presented to the House of Commons, 16th February, 1885, by Hon. J. A. Chapleau—  
*Printed for both Distribution and Sessional Papers.*

- 46b.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return of all officers of the Civil Service, from the resident Dominion Government agent down to the messenger, in each and every Department (by Departments) in British Columbia, giving full Christian and surnames, their ages, present rank, pay, allowances, dates of appointment and promotion, made up to the 31st December, 1884, or nearest possible date. Presented to the House of Commons, 15th June, 1885.—*Mr. Baker (Victoria)*.....*Not printed.*
- 47.** Return to an Order of the House of Commons, dated 28th March, 1884, for copies of all correspondence, reports of engineers, with maps and plans, relating to the improvements required to be made in order to secure a better supply of water to the Rideau Canal, as well as to open up a large section of the country bordering on lakes in the counties of Frontenac and Addington. Presented to the House of Commons, 17th February, 1885.—*Mr. Bell*.....*Not printed.*
- 47a.** Return to an Order of the House of Commons, dated 28th March, 1884, for copies of all correspondence and reports of engineers, with maps and plans, relating to the extension of the Rideau Canal from the village of Morton to Charleston Lake and the village of Gananoque, in the county of Leeds. Presented to the House of Commons, 17th February, 1885.—*Mr. McDougald*.....*Not printed.*
- 48.** Return to an Order of the House of Commons, dated 2nd February, 1885, for all papers relating to the resignation of Capt. Ludger Bolduc, after the collision which occurred on the 20th May, 1884, between "La Canadienne" and the brig "Alliance," of Jersey; covering complaint, enquiry, report, &c., and all correspondence relating to the matter. Presented to the House of Commons, 17th February, 1885.—*Mr. Landry (Montmagny)*.....*Not printed.*
- 49.** Return to an Order of the House of Commons, dated 5th February, 1885, for a statement showing sums expended on capital account, from the 1st day of July, 1884, to the 1st day of February, 1885, and the purposes for which said sums were expended. Also for statement of the gross amount of the debt of the Dominion on the 1st day of February, 1885; and a statement of debts and assets to that date, as given in Public Accounts, pages 13 and 14. Presented to the House of Commons, 17th February, 1885.—*Sir Richard Cartwright*—  
*Printed for Distribution only.*
- 50.** Return to an Address of the House of Commons, dated 5th February, 1885, for a copy of the resignation of the Hon. Judge Meredith as Chief Justice of the Superior Court of the Province of Quebec, and of the correspondence which followed that resignation. Presented to the House of Commons, 17th February, 1885.—*Mr. Laurier*.....*Not printed.*
- 50b.** 1884. Return to an Address of the House of Commons, dated 25th January, 1884, for copies of all Orders in Council, correspondence and departmental orders, with reference to the granting, cancellation and suspension of licenses to cut timber on lands of the Indians near Fort William, on the Fort William reserve. Presented to the House of Commons, 8th April, 1884.—*Mr. Blake*.....*Printed for Distribution only.*
- 51.** Return to an Address of the House of Commons, dated 25th February, 1884, for: 1. A copy of all Orders in Council, departmental orders and correspondence, respecting the sale, lease or other disposal of the grist and saw mill owned by the Dominion and situate south of Calgary, North-West Territories, to whom disposed, when, at what price, and how paid or payable? 2. Statement showing the original costs thereof, the costs expended thereon, when the same was erected, including working expenses. 3. Statement showing the quantity of agricultural land or timber limits disposed of with said mill or mills, or to the person who purchased or obtained the same. 4. All applications for the purchase or leasing of said farm, lands and limits. 5. Statement of the machinery in said mill or mills, and the cost thereof. 6. All other correspondence in respect to said mill or mills, land and limits. Presented to the House of Commons, 17th February, 1885.—*Mr. Cameron (Huron)*.....*Not printed.*
- 52.** Return to an Order of the House of Commons, dated 28th March, 1884, for all correspondence between the Hon. P. Mitchell and the Minister of the Interior, in relation to a timber limit or limits on Jack Head River, with the plans submitted in connection therewith; also in relation to timber limits on the Lake of the Woods. Presented to the House of Commons, 19th February, 1885.—*Mr. Mitchell*.....*Not printed.*

- 52a.** Return to an Order of the House of Commons, dated 30th January, 1884, for a Return showing: 1. The total number of timber licenses or permits applied for and granted or refused, since 1st February, 1883; the estimated area covered by each license or application, and the total number of square miles estimated to be covered by the timber licenses issued during the period named. 2. The amount of bonuses or premiums per square mile, and on the aggregate, paid to and received by the Government on each such license, and the total amount of bonuses or premiums received. 3. The name and residence of each applicant for a license. 4. The date of application for each license and the number of years each license is granted for. 5. The Crown dues or stumpage charged or chargeable on each license, and the kind and estimated quantity and quality of timber on each area so licensed. 6. Whether in each case, where a license or permit was granted, the berth was put up at public auction, after public notice inviting tenders was given, and was sold to the highest bidder, or whether granted upon application or tender from the grantee without inviting public competition. 7. Copies of all claims made on the Government for any such area or timber by any persons, and all petitions, remonstrances or communications sent or made to the Government respecting such areas, licenses or timber, and copies of all correspondence had with the Government respecting such claims, or in any way respecting such areas, lands, licenses or timber, and the action of the Government therein; also a copy of all maps and plans showing the location or areas of such licenses or permits. Presented to the House of Commons, 19th February, 1885.—*Mr. Charlton*.....*Not printed.*
- 52b.** Return to an Order of the House of Commons, dated 23rd February, 1885, for a Return showing: 1. The total number of applications made, and not granted, for licenses or permits to cut timber, saw-logs, cordwood, ties and poles, within the territory lately in dispute between the Province of Manitoba and Ontario. 2. The date of each rejected application and the name and residence of each applicant. 3. The geographical location of the area applied for and not granted. 4. The offer of bonus, and of Crown dues or stumpage, in each or any case accompanying such application. 5. The reason assigned for refusal in the case of each of such rejected applications. Presented to the House of Commons, 23rd April, 1885.—*Mr. Blake*—*Printed for Sessional Papers only.*
- 52c.** Return to an Order of the House of Commons, dated 23rd February, 1885, for a Return showing: 1. The total number of timber licenses and permits to cut timber, sawlogs, cordwood, ties or poles, on lands not within the disputed territory, applied for and refused since 1st February, 1883. 2. The date of each rejected application, and the name and residence of each applicant. 3. The geographical location of the area applied for and not granted, and the area of the same. 4. The offer of bonus, and Crown dues or stumpage in each or any case accompanying such application. 5. The reason assigned for refusal in the case of each of such rejected applications. Presented to the House of Commons, 23rd April, 1885.—*Mr. Blake*—*Printed for Sessional Papers only.*
- 52d.** Return to an Order of the House of Commons, dated 9th February, 1885, for copies of all correspondence and regulations, not already brought down, respecting timber for settlers' fuel, applicable to the neighborhood of Moosomin, N.W.T. For all correspondence as to the demands made during the winter of 1882-83 by the Mounted Police, of twenty-five cents a load for settlers' firewood. For all correspondence concerning the demand made by a sub-agent of Mr. Stephenson during the winter of 1883-84, for fifty cents for a permit, in addition to the charge of twenty-five cents a cord. For all correspondence as to the demands made during the winter of 1884-85, including the demands of the present sub-agent, of twenty-five cents for affidavits as to how much wood each settler had burned since he first came to the locality; and for all letters and instructions from the Department or from the Winnipeg office upon these subjects. Presented to the House of Commons, 5th May, 1885.—*Mr. Blake*—*Printed for Sessional Papers only.*
- 52e.** Return to an Address of the House of Commons, dated 23rd February, 1885, for copies of all permits, liberties or other papers given to any person or persons to cut timber in any part of the territory declared by the Order of the Queen in Council to be within the Province of Ontario; and of all Orders in Council, departmental regulations or orders relating to the matter. Presented to the House of Commons, 15th July, 1885.—*Mr. Mills*.....*Not printed.*

- 52f.** Return to an Order of the House of Commons, dated 16th February, 1885, for copies of all permits, licenses or liberties given to any person or persons to cut timber in any part of the territory declared by the Order of the Queen in Council to be within the Province of Ontario. Also the name or names of the person or persons obtaining such permission, the extent of territory embraced, the amount received by the Government, and the amount, if any, still unpaid by the party or parties for such permission. Presented to the House of Commons, 15th July, 1885.—*Mr. Mills* .....*Not printed.*
- 52g.** Return to an Order of the House of Commons, dated 23rd February, 1885, for a Return showing: 1. The total number of applications for timber licenses or berths in the Province of British Columbia, and within 50 miles of the line of the Canadian Pacific Railway; the date of such application; the place from which it was made; the name and address of the applicant; the area applied for and the geographical situation of the same; whether the application was rejected or granted, and, if rejected, the reasons assigned for the same. 2. The total number of applications for timber licenses or berths in the Province of British Columbia and transmitted to the Department of the Interior at Ottawa; the date of such application; the place from which it was made; the name and address of the applicant; the area applied for and the geographical situation of the same; whether the application was rejected or granted, and, if rejected, the reason assigned for the same. 3. A summary statement showing the number of licenses or permits granted either upon applications made at Ottawa or made at Victoria and transmitted to Ottawa, designating when the application was made, the date of the application, and the name and address of the grantee. 4. The geographical location of the area covered by each license or permit issued, and the number of square miles embraced in each, and the aggregate amount of the same. 5. The amount of bonuses or premiums received upon each and the aggregate amount of the same. 6. Full particulars as to the Crown dues or stumpage charged or chargeable upon each license or permit issued as to whether by percentage of values or specific charges. 7. A statement in case of each license or permit issued as to whether the Government had caused a survey to be made of the same and was in possession of estimates made by its own surveyors, woodsmen or bushrangers, as to the kinds, the quantity and the quality of timber upon each area covered by such license or permit. 8. Whether in each case where a license or permit was granted, the berth was put up at public auction, after due public notice was given inviting tenders, and was sold to the highest bidder, or whether granted upon application or tender from the grantee without inviting public competition. 9. In case of application by two or more parties for the same berth, and competition between them for the purchase of the same, the name and residence of each applicant and the particulars of the tender made by each. 10. Copies of all claims, petitions, remonstrances, letters or communications made to the Government respecting such permits or licenses applied for or granted, also a copy of all maps or plans showing the location and areas of such licenses or permits. 11. A minute of all assignments of such licenses or permits recorded with the Government, with the names and residence of the assignor and the assignee and the consideration in each case paid. Presented to the House of Commons, 15th July, 1885.—*Mr. Charlton*.....*Not printed.*
- 53.** Return to an Address of the House of Commons, dated 26th March, 1884, for copies of all documents, statements, &c., of a nature to afford the information asked for by the following questions:—Whether the Government has, by sale, grant, location or otherwise, disposed of the lands belonging to it in the county of Richelieu? If so, what are the lands; what is the extent of each lot; to whom was it disposed; what are the conditions of each such grant, location or sale; what are the prices paid in each case, and when and how were the amounts paid? Also of all documents relating to the subject matter of the said questions, and of those evidencing the said transactions. Presented to the House of Commons, 19th February, 1885.—*Mr. Amyot*—*Not printed.*
- 53a.** Return to an Order of the House of Commons, dated 17th February, 1885, for a list of all the unsold Indian lands in the township of Toronto, in the county of Peel. Presented to the House of Commons, 9th March, 1885.—*Mr. Paterson (Brant)*.....*Not printed.*
- 53b.** Return to an Order of the House of Commons, dated 17th February, 1885, for a statement showing all properties, islands and other lands, whether built upon or not, belonging to the Dominion Government, and situated within the limits of the county of Richelieu, the names of

the parties occupying the said properties as tenants or otherwise; the time for which such properties are leased, the annual rent and the arrears due, if any, on each such property, up to the 1st January, 1885. Presented to the House of Commons, 9th March, 1885.—*Mr. Massue*—*Not printed.*

- 53c.** Return to an Order of the House of Commons, dated 23rd February, 1885, for a statement showing: 1. All sales of coal lands since 23rd April, 1883; the name and residence of each party to whom sales have been made; the number of acres sold to each; the price per acre received from each; the location of the land sold; the total number of acres sold, and the total amount received from such sales. 2. All leases of coal lands made since 23rd April, 1883; the name and residence of each lessee; the number of acres leased to each; the payments made by each; the location of each leasehold; the total number of acres leased; and the total sum derived from such leases, the considerations paid and royalties collected; and also from all other charges, if any. 3. Copies of all applications, correspondence, protests and written communications, in relation to coal lands sold or leased since 23rd April, 1883. Presented to the House of Commons, 31st March, 1885.—*Mr. Charlton*.....*Printed for Sessional Papers only.*
- 53d.** Return to an Order of the House of Commons, dated 12th March, 1885, for a detailed list of all the unsold Indian lands in the township of Trafalgar, in the county of Halton. Presented to the House of Commons, 31st March, 1885.—*Mr. McCraney*.....*Not printed.*
- 53e.** Return to an Order of the House of Commons, dated 18th March, 1885, for a return of all properties owned by the Government for military purposes in New Brunswick disposed of or leased, since the transfer from the Imperial Government; the parties to whom sold and at what price, and as to leased properties, to whom leased, for what period and at what rents. Presented to the House of Commons, 22nd April, 1885.—*Mr. Weldon*.....*Not printed.*
- 53f.** Return to an Order of the House of Commons, dated 4th February, 1885, for a statement showing the several amounts collected by the Dominion Government for lands sold or leased; for timber, logs or staves, cordwood, telegraph poles or other product of the forest; with the names of persons making such payments, within the bounds and limits of the western part of Ontario, as determined by the decision of the Privy Council against the claim of the Dominion Government. Presented to the House of Commons, 23rd April, 1885.—*Mr. Mackenzie*—*Printed for Sessional Papers only.*
- 53g.** Order in Council, of the 4th June, 1883, respecting allotment of lands of various colonization companies under the land regulations, and to accord to railway companies the privilege of purchasing land south of the 54th parallel of latitude, &c. Presented to the House of Commons, 29th April, 1885, by Sir John A. Macdonald.....*Not printed.*
- 53h.** Return to an Order of the House of Commons, dated 23rd February, 1885, for a return giving copies of all regulations or orders issued by the Department of the Interior concerning the sale or management of agricultural lands, timber lands, pasture lands, mineral lands and town sites, since 26th February, 1884. Presented to the House of Commons, 5th May, 1885.—*Mr. Charlton*.....*Not printed.*
- 53i.** Return to an Order of the House of Commons, dated 12th February, 1885, for copies of all correspondence and petitions of railway companies in Manitoba and the North-West, praying for grants of land, or modifications in the condition and extent of the grants of land already conceded to them; and of all Orders in Council or agreements or letters, not already brought down, affecting or in any wise relating to any railway company in Manitoba or the North-West other than the Canadian Pacific Railway Company. Presented to the House of Commons, 5th May, 1885.—*Mr. Blake*.....*Not printed.*
- 53j.** Return to an Order of the House of Commons, dated 23rd February, 1885, for a return showing: 1. The names of grazing land lessees who have cattle upon their leaseholds, the number of acres in each leasehold, the date of the lease, the geographical position of the area covered by each lease, the number of the lease, the number of cattle reported on each leasehold, the date when the leasehold was first stocked with cattle, and the aggregate number of acres

covered by such leases. 2. The names of grazing land lessees who have not placed cattle upon their leaseholds; the number of acres in each leasehold; the geographical position of the area covered by each lease; the number of the lease and the aggregate number of acres covered by such leases. Presented to the House of Commons, 26th May, 1885.—*Mr. Charlton*—

*Printed for Sessional Papers only.*

- 53k.** Return to an Address of the House of Commons, dated 11th March, 1885, for: 1. Copy of all Orders in Council or departmental orders respecting south-east  $\frac{1}{4}$ , section 2, township 10, range 19, west. 2. Copies of all claims made to said land, and the action of the Government thereon. 3. Copies of all petitions, papers and correspondence with the Government by one Joseph Bell and one J. E. Kavanagh, and all other persons; and all replies thereto, respecting said land. Presented to the House of Commons, 26th May, 1885.—*Mr. Cameron (Huron)*.....*Not printed.*
- 53l.** Copy of an Order in Council, under date the 4th June, 1883, respecting an area of land having been allotted to colonization companies under the land regulations, &c. Presented to the House of Commons, 12th June, 1885, by Sir Hector Langevin.....*Not printed.*
- 53m.** Return to an Address of the House of Commons, dated 27th April, 1885, for copies of all Orders in Council, correspondence and papers, not already brought down, touching the surrender or definition of the claims of Canada upon any of the railway lands in British Columbia, or touching any change as to the relations of Canada and British Columbia in reference to such railway lands. Presented to the House of Commons, 14th July, 1885.—*Mr. Blake*.....*Not printed.*
- 54f.** Return to an Order of the House of Commons, dated 2nd February, 1885, for a statement showing: 1. The Christian and surnames of the present employés of the Immigration Office at Quebec, and the nature of their employment. 2. The amount of the yearly salary paid to each such employé on 31st December, 1884. 3. The amount of the yearly salary attached to the said offices on 31st December, 1877. Also all correspondence respecting the increase or non-increase of the salary of any employé of the said office between the two dates above named. Presented to the House of Commons, 20th February, 1885.—*Mr. Landry (Montmagny)*—  
*Not printed.*
- 54a.** Message transmitting the Report of the Royal Commission on Chinese Immigration, and the evidence taken thereon. Presented to the House of Commons, 25th February, 1885, by Hon. J. A. Chapleau.....*Printed for both Distribution and Sessional Papers.*

## CONTENTS OF VOLUME No. 12.

- 54b.** Return to an Address of the House of Commons, dated 6th February, 1885, for a copy of the commission and the names of the commissioners appointed to proceed to British Columbia to enquire into and report upon the Chinese difficulty in that country. The date of the commissioners' engagement, the salary or other allowance paid them, and the amount of travelling and other expenses up to the 1st February, 1885. Presented to the House of Commons, 13th April, 1885.—*Mr. McMullen*.....*Not printed.*
- 54c.** Return to an Address of the Senate, dated 26th March, 1885, to His Excellency the Governor General, praying that he will cause to be laid before this House a detailed statement of the expenditure incurred in connection with the recent visit of the Hon. the Secretary of State to British Columbia and California. Presented to the Senate, 13th April, 1885.—*Hon. Mr. Power*.....*Not printed.*
- 55.** Return to an Address of the House of Commons, dated 28th February, 1883, for copies of all papers and correspondence relating to the change of mail service between Durham and Walkerton; also a statement showing the cost of the old and new service, and the comparative efficiency of each. Presented to the House of Commons, 23rd February, 1885.—*Mr. Landerkin*.....*Not printed.*
- 55a.** Return to an Order of the House of Commons, dated 26th March, 1884, for copies of advertisement calling for tenders for carrying mails from Kamloops to Spencer's Bridge, B.C.,

- dated 13th June, 1883; also copies of tenders received for such service; also copy of contract based on such tenders, and the hours of arrival and departure of mails from both places. Presented to the House of Commons, 23rd February, 1885.—*Mr. Mackenzie*.....*Not printed.*
- 55b.** Return to an Order of the House of Commons, dated 30th January, 1884, for copies of any correspondence, memorial or other documents from the Board of Trade in the city of St. John, or other parties, in relation to the conveyance of mails on the night train on the St. John and Maine Railway to St. Stephen and Woodstock; also as to the conveyance of mails over the Grand Southern Railway to St. George. Presented to the House of Commons, 23rd February, 1885.—*Mr. Gillmor*.....*Not printed.*
- 55c.** Return to an Order of the House of Commons, dated 3rd March, 1884, for copies of petitions and all correspondence between the Dominion Government and any person or persons, upon the subject of a daily mail service between Port Townsend, in Washington Territory, and Victoria, in the Province of British Columbia, being substituted for the semi-weekly service at present existing. Presented to the House of Commons, 23rd February, 1885.—*Mr. Baker (Victoria)*.....*Not printed.*
- 55d.** Return to an Order of the House of Commons, dated 14th February, 1884, for copies of all petitions, correspondence, returns and papers, of any nature whatsoever, respecting the establishing of a daily mail service in the parishes of St. Giles, St. Patrick and St. Sylvester, in the county of Lotbinière. Presented to the House of Commons, 23rd February, 1885.—*Mr. Rinfret*.....*Not printed.*
- 55e.** Agreement made 15th day of May, 1884, between Andrew Allan, Esq., of the city of Montreal, in the Province of Quebec, in the Dominion of Canada, shipowner, and Hon. John Carling, Postmaster-General of the said Dominion; and an Order in Council in relation thereto, respecting the conveyance of mails. Presented to the House of Commons, 24th April, 1885, by Hon. J. Carling.....*Printed for Sessional Papers only.*
- 55f.** Return to an Order of the House of Commons, dated 23rd February, 1885, for a statement in detail of the annual cost in connection with the ocean mail service, for salaries, allowances of mail clerks and conductors, or railway post office clerks in charge of the British mails; also for all correspondence as to the landing of the post office bags containing the British mails outward bound from Canada at Derry, and the saving of loss of time effected thereby. Presented to the House of Commons, 7th May, 1885.—*Mr. Blake*.....*Not printed.*
- 55g.** Return to an Order of the House of Commons, dated 16th February, 1885, for a Return showing the nature of the mail service on the Canada Southern Railway between Essex Centre and Amherstburg; also the annual amount paid to the Canada Southern Railway for mail service. Presented to the House of Commons, 7th May, 1885.—*Mr. Wigle*.....*Not printed.*
- 56.** Return to an Order of the House of Commons, dated 28th March, 1884, for: 1. Copies of all correspondence and papers relating to certain charges or complaints made against J. E. Gaboury, Esquire, as postmaster of St. Césaire, and to his subsequent dismissal from the said office of postmaster. 2. A copy of the instructions given to the person who investigated the charges against said J. E. Gaboury, if any investigation took place, and a copy of the report made by such person. Presented to the House of Commons, 23rd February, 1885.—*Mr. Béchard*—*Not printed.*
- 57.** Return to an Order of the House of Commons, dated 12th February, 1885, for a statement of the receipts of the post office at St. Stephens, N.B., for the calendar year 1884; also a statement of the value of postage stamps sold at the said office. Presented to the House of Commons, 23rd February, 1885.—*Mr. Burpee (Sunbury)*.....*Not printed.*
- 57a.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return showing the postal revenue at Victoria, B.C., from all sources, specifying the amount from each source, month by month, for the eight months included in the period 1st July, 1884, to 28th February, 1885. Presented to the House of Commons, 5th May, 1885.—*Mr. Baker (Victoria)*.....*Not printed.*



- 58.** Return to an Order of the House of Commons, dated 9th April, 1883, for copies of all letters, reports and other documents relating to any complaint preferred against Stephen G. Burpee, postmaster at Florenceville, N.B., since 1st January, 1879. Presented to the House of Commons, 23rd February, 1885.—*Mr. Irvine*.....*Not printed.*
- 59.** Return to an Order of the House of Commons, dated 4th February, 1885, for a return of all sugars imported at Halifax from Jamaica from the 1st of January, 1883, to the 31st of December, 1883; also a return of all sugars from Jamaica entered for the same term at Montreal, either direct or *viâ* Halifax, giving name of vessel, number of pounds landed, value for duty of each cargo, and rate of duty per 100 lbs. of each shipment. Presented to the House of Commons, 23rd February, 1885.—*Mr. Vail*.....*Not printed.*
- 59a.** Supplementary Return to an Order of the House of Commons, dated 13th March, 1885, for a Return of all sugars imported at Halifax from Jamaica, from the 1st January, 1883, to the 31st December, 1883; also a return of all sugars from Jamaica entered for the same term at Montreal, either direct or *viâ* Halifax, giving the name of vessel, number of pounds landed, value for duty of each cargo, and rate of duty per 100 lbs. of each shipment. Presented to the House of Commons, 13th March, 1885.—*Mr. Vail*.....*Not printed.*
- 60.** Return to an Order of the House of Commons, dated 2nd February, 1885, for a Return in the form used in the statement usually published in the *Gazette*, of the exports and imports from the 1st day of July, 1883, to the 1st day of January, 1884, and from the 1st day of July, 1884 to the 1st day of January, 1885, distinguishing the products of Canada and those of other countries. Presented to the House of Commons, 23rd February, 1885.—*Sir Richard Cartwright*.....*Printed for Distribution only.*
- 61.** The Governor General transmits to the House of Commons two approved Minutes in Council, dated respectively the 20th May, 1884, and the 23rd January, 1885, regarding the terms of the provisional settlement of the claims of the Province of Manitoba. Presented to the House of Commons, 23rd February, 1885, by Sir John A. Macdonald.—  
*Printed for both Distribution and Sessional Papers.*
- 62.** A detailed statement of all bonds and securities registered in the Department of the Secretary of State of Canada, under 31 Victoria, chapter 37, section 15. Presented to the House of Commons, 24th February, 1885, by Hon. J. A. Chapleau.....*Not printed.*
- 63.** Return to an Address of the House of Commons, dated 3rd February, 1885, to His Excellency the Governor General, praying that he will cause to be laid before the House copies of all correspondence between the Federal and Ontario Governments, and the Imperial Government, on the subject of the Imperial Act 21-22 Victoria, chapter 90, known as the British Medical Act, 1858; the Imperial Act 31-32 Victoria, chapter 29, known as the British Medical Amendment Act, 1868; the Imperial Act 41-42 Victoria, chapter 33, known as the Dentists Act, 1878; and the amendments proposed to be made thereto during the present Session of the Imperial Parliament. Presented to the House of Commons, 26th February, 1885.—*Mr. Bergin*—  
*Printed (condensed) for both Distribution and Sessional Papers.*
- 64.** Return to an Order of the House of Commons, dated 9th February, 1885, for a Return of all reports of Government engineers respecting the construction of a harbor of refuge at Port Stanley and Port Burwell, on the north shore of Lake Erie, together with the estimated cost of each. Presented to the House of Commons, 27th February, 1885.—*Mr. Wilson*.....*Not printed.*
- 64a.** Return to an Address of the House of Commons, dated 2nd March, 1885, for a copy of any memorials that may have been addressed to the Government with respect to the construction of a harbor of refuge at Port Rowan, in the Province of Ontario. Also for a copy of Richard Stevens' report made to the Department of Public Works on the same subject. Presented to the House of Commons, 8th April, 1885.—*Mr. Jackson*.....*Not printed.*
- 64b.** Supplementary Return to an Order of the House of Commons, dated 9th February, 1885, for a Return of all reports of Government engineers respecting the construction of a harbor of refuge at Port Stanley and Port Burwell, on the north shore of Lake Erie, together with the estimated cost of each. Presented to the House of Commons, 8th April, 1885.—*Mr. Wilson*—  
*Not printed.*

- 64c.** Return to an Order of the House of Commons, dated 16th February, 1885, for copies of all reports and communications made to the Government by the Port Credit Harbor Company; and all memorials, petitions, reports of engineers and correspondence in reference to the condition and state of repair of the said harbor. Presented to the House of Commons, 20th July, 1885.—*Mr. Platt*.....*Not printed.*
- 65.** Return to an Order of the House of Commons, dated 11th February, 1885, for copies of all reports and correspondence not already brought down, relating to the construction of the post office, Inland Revenue and Custom house at St. Thomas, giving the amount expended to date; also the names of all persons to whom any portion of the expenditure has been paid; together with the amount paid to each, and for what. Presented to the House of Commons, 27th February, 1885.—*Mr. Wilson*.....*Not printed.*
- 66.** Return to an Order of the House of Commons, dated 6th February, 1885, for a copy of the report made in 1884 by the chief engineer of the Department of Public Works, on the Church Point and Trout Cove piers. Presented to the House of Commons, 26th February, 1885.—*Mr. Vail*.....*Not printed.*
- 67.** Return to an Order of the House of Commons, dated 9th February, 1885, for copies of all correspondence, documents and reports of engineers relating to improvements of the entrance into McIsaac's Pond, Inverness, Nova Scotia. Presented to the House of Commons, 27th February, 1885.—*Mr. Cameron (Inverness)*.....*Not printed.*
- 68.** Return to an Order of the House of Commons, dated 17th February, 1885, for a statement of the amounts paid by the Government to Messrs. George and Andrew Holland, or any other persons, for services as official reporters of the Senate, or for the short-hand work of any kind outside of parliamentary reporting, since 1st January, 1882. Presented to the House of Commons, 16th March, 1885.—*Mr. Auger*.....*Not printed.*
- 69.** Return to an Order of the House of Commons, dated 6th February, 1885, for a Return showing the number of dredges, tugs and dumping scows built in the United States for the Government of Canada during the years 1883 and 1884, showing where they were built, giving the contractor's name, and the price paid for the same. Presented to the House of Commons, 27th February, 1885.—*Mr. Jackson*.....*Not printed.*
- 69a.** Return to an Order of the House of Commons, dated 8th April, 1885, for copies of all correspondence and contracts entered into relative to the purchases of tug-barges, dredge and machinery used on Red River; a detailed statement of the cost of the same, the time when the work of dredging was commenced and discontinued, the quantity of dredging completed and the depth of water drawn by the Government tug "Sir Hector." Presented to the House of Commons, 23rd April, 1885.—*Mr. Watson*.....*Not printed.*
- 70.** Return to an Order of the House of Commons, dated 9th February, 1885, for copies of departmental instructions and correspondence on the subject of apportionment of sea lots to individuals desiring to place lobster traps in the open sea off the coast of Prince Edward Island. Presented to the House of Commons, 27th February, 1885.—*Mr. Blake*—  
*Printed for Distribution only.*
- 71.** Return to an Order of the House of Commons, dated 17th February, 1885, for a statement of the amount expended in repairing the breakwater at Tracadie, Nova Scotia, from 30th June, 1884, to 31st January, 1885, giving the names of all persons to whom any portion of the expenditure has been paid, together with the amount paid to each, and for what. Presented to the House of Commons, 2nd March, 1885.—*Mr. McIsaac*.....*Not printed.*
- 71a.** Return to an Order of the House of Commons, dated 17th February, 1885, for a copy of the report made by the engineer since January, 1884, on the cost of erecting breakwaters at New Harbor and Indian Harbor, in the county of Guysboro', Nova Scotia, and also copy of report on White Haven boat canal. Presented to the House of Commons, 2nd March, 1885.—*Mr. Kirk*.....*Not printed.*
- 71b.** Return to an Order of the House of Commons, dated 9th February, 1885, for copies of all tenders for the construction of breakwater at Parrsboro' lighthouse station, in the county of

- Cumberland, N.S. ; copies of letter from Deputy Minister of Marine and Fisheries accepting the tender of one Neil McRay, and of telegram postponing the work ; also all letters objecting to the said Neil McRay as contractor and to the bondsmen offered by him, and letters tendering other names as bondsmen if required, and all other correspondence on the subject. Presented to the House of Commons, 2nd March, 1885.—*Mr. Robertson (Shelburne)*.....*Not printed.*
- 71c.** Return to Order, correspondence, reports of engineers and others, in reference to the construction of a breakwater at Salmon Point, together with lists of tenders and amount of each, and all other documents in the possession of the Government relative to the above mentioned work. Presented to the House of Commons, 23rd March, 1885.—*Mr. Platt*.....*Not printed.*
- 72.** Return to an Order of the House of Commons, dated 12th February, 1885, for a statement for the last fiscal year of the cost connected with the heating of public buildings (including wages as well as fuel) now paid under a lump vote, such statement to show the costs under the same sub-headings as those in which it was formerly included in the Public Accounts before the change in the system. Presented to the House of Commons, 2nd March, 1885.—*Mr. Blake*.....*Printed for both Distribution and Sessional Papers.*
- 73.** Return to an Order of the House of Commons, dated 6th February, 1885, for a statement showing the number of seizures made at each port of entry in the Dominion during the last fiscal year ; also during the six months ending the 31st December last ; the amount of fines exacted at each port during each of the said periods ; and the manner in which the said fines were disposed of, giving the names of the officers receiving any portion thereof, and the amount received by each of such officers out of the said fund. Presented to the House of Commons, 2nd March, 1885.—*Mr. Blake*.....*Printed for Distribution only.*
- 73a.** Return to an Order of the House of Commons, dated 2nd March, 1885, for a statement showing the seizures made at the port of Winnipeg by the Department of Customs or any of its officers or officials, between 1st January, 1883, and 1st January, 1885 ; giving the estimated value of each of such seizures, the amount of fine imposed in each case and the manner in which the said fines were disposed of, and stating, in detail, the amount paid to each officer or employé of the Government, the name of such officer or employé, and when paid, also the salary paid to each such officer or employé ; the disposal made of all such goods seized, and if sold—when, for how much, and how the proceeds were disposed of. Presented to the House of Commons, 10th March, 1885.—*Mr. Paterson (Brant)*.....*Printed for Distribution only.*
- 73b.** Return to an Order of the House of Commons, dated 12th March, 1885, for a statement showing the number of seizures made at each port of entry in Nova Scotia during the last fiscal year ; also during the six months ending the 31st December last ; and the names of the parties from whom such seizures were made, the amount of fines exacted at each port during each of the said periods, and the manner in which the said fines were disposed of, giving the names of the officers receiving any portion thereof, and the amount received by each of such officers out of the said fund. Presented to the House of Commons, 17th April, 1885.—*Mr. Stairs*—  
*Not printed.*
- 73c.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return showing seizures made at the Port of Winnipeg by the Customs officers or officials between 1st January, 1883, and 1st January, 1885, in which deposits were forfeited or goods sold after seizure ; giving the amount of each sum forfeited and the amount realized in each case in which goods were sold ; and stating in detail the name of each officer to whom any portion of the money so realized was paid, and the amount in each case thus paid to the said officer ; and also stating the salary paid such officer. Presented to the House of Commons, 18th July, 1885. *Mr. Paterson (Brant)*.....*Not printed.*
- 74.** Return to an Order of the House of Commons, dated 23rd February, 1885, for copies of all correspondence, reports, &c., in connection with the weighing and measuring of potatoes and other roots in the Province of Prince Edward Island. Presented to the House of Commons, 2nd March, 1885.—*Mr. Macdonald (King's)*.....*Not printed.*
- 75.** Return to an Order of the House of Commons, dated 12th February, 1885, for a Return of all claims presented for drawback on materials used for shipbuilding, for the year ending 30th

June, 1884; also for the six months ending 31st December, 1884; giving the name of the applicant, the name and tonnage of the vessel, the amount claimed and the amount paid. Presented to the House of Commons, 2nd March, 1885.—*Mr. Burpee (Sunbury)*—

*Printed for Distribution only.*

- 75a.** Return to an Order of the House of Commons, dated 17th February, 1885, for a Return of all claims presented up to the 1st February, 1885, for drawbacks on goods manufactured for export (since the date of the last return made to that House), showing the names of all applicants, their place of business, the articles on which the drawback was claimed, and the amount of each claim, distinguishing between the claims which have been allowed and those which have been disallowed, and those under consideration and not yet decided, and giving the reason for such disallowance. Also copies of all regulations made by the Department with reference to such claims, together with a copy of one allowed claim and the sworn declaration thereto of each exporter. Presented to the House of Commons, 6th March, 1885.—*Mr. Paterson (Brant)*—  
*Printed for Distribution only.*
- 76.** Return to an Order of the House of Commons, dated 30th January, 1884, for copies of any correspondence, documents, contracts or agreements with the Pullman Palace Car Company, in relation to the company's cars running over the Intercolonial Railway; also any contract or agreement with express companies as to conveyance of express matter over the said railway. Presented to the House of Commons, 2nd March, 1885.—*Mr. Weldon*—  
*Printed for Sessional Papers only.*
- 76a.** Return to an Address of the House of Commons, dated 20th February, 1885, to His Excellency the Governor General, praying that he will cause to be laid before the House a copy of the Order in Council appointing Mr. L. K. Jones secretary of the Intercolonial Railway Commission, also a copy of the recommendation on which such Order in Council was based. Presented to the House of Commons, 5th March, 1885.—*Mr. Rykert*.....*Not printed.*
- 76b.** Return to an Order of the House of Commons, dated 12th February, 1885, for a return of the casualties to trains on the Intercolonial Railway arising from collision, broken rails, or otherwise, for the calendar year 1884; the respective causes and dates; the amount of damages (if any), in each case, to property; the amount of compensation paid to owners of property destroyed or damaged, as well as amount of claims for loss or damage to property (if any) unsettled. Presented to the House of Commons, 5th March, 1885.—*Mr. Burpee (Sunbury)*—  
*Not printed.*
- 76c.** Return to an Order of the House of Commons, dated 23rd February, 1885, for a comparative statement of the cost of working the Intercolonial Railway for each of the years 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883 and 1884, and the number of miles operated in each year, giving for each year the cost for locomotive power, under the seven sub-headings given in the Minister's report, appendix, page 37; for car expenses, under the seven sub-headings given in the same report, same page; for maintenance, way and works, under the ten sub-headings given in the same report, page 37; for station expenses, under the three sub-headings given in the same report, same page; and for general charges, under the seven sub-headings given in the same report, page 39. Presented to the House of Commons, 9th March, 1885.—*Mr. Blake*.....*Printed for both Distribution and Sessional Papers.*
- 76d.** Return to an Order of the House of Commons, dated 12th February, 1885, for a statement of the revenue and working expenses of the Intercolonial Railway, accrued for the six months of the year ending 31st December, 1884, under the several divisions, similar to Annual Statement B, Intercolonial Railway, in the Public Accounts. Presented to the House of Commons, 9th March, 1885.—*Mr. Burpee (Sunbury)*.....*Not printed.*
- 76e.** Return to an Order of the House of Commons, dated 17th February, 1885, for copies of all correspondence between the Intercolonial officials or the Government and the Canada Shipping Company, or the Beaver line of steamships, with reference to the terms for through rates of freight over the Intercolonial. Presented to the House of Commons, 10th March, 1885.—*Mr. Blake*.....*Not printed.*
- 76f.** Return to an Order of the House of Commons, dated 17th February, 1885, for copies of the claim of J. B. Plante, of St. Charles, Bellechasse, in relation to certain horses which he alleges

- have been killed by a train of the Intercolonial Railway, and of which he demands the value ; copies of the order referring the said claim to the official arbitrators, and of their enquiry, report and award ; of the second reference to the said arbitrators, and of their enquiry and further report ; also all documents and papers relating to the matter in question. Presented to the House of Commons, 13th March, 1885.—*Mr. Landry (Montmagny)*.....*Not printed.*
- 76g.** Return to an Order of the House of Commons, dated 12th February, 1885, for a return showing the quantity of rolling stock purchased for the Intercolonial Railway during the six months of the year ending 31st December, 1884, giving each kind of rolling stock, and whether purchased under contract or otherwise, the parties from whom bought, and the cost of each kind ; also a statement showing what has been built during the year in the Government workshops, giving each kind. Presented to the House of Commons, 23rd March, 1885.—*Mr. Burpee (Sunbury)*.....*Not printed.*
- 76h.** Return to an Address of the House of Commons, dated 12th February, 1885, for copies of all Orders in Council, instructions to and correspondence with the commissioners under the commission issued in connection with the claims arising out of the construction of the Intercolonial Railway, and a statement of the matters referred to them, and of the moneys paid to them and to the secretary, and of the number of days during which the commissioners sat, all subsequent to the period covered by the return to the Address of last Session. Presented to the House of Commons, 31st March, 1885.—*Mr. Burpee (Sunbury)*.....*Not printed.*
- 76i.** Return to an Address of the House of Commons, dated 27th April, 1885, for copies of all memorials or correspondence presented to or sent the Government by the mayors or city councils of the cities of St. John and Portland, relating to the interruption of traffic between these cities by the railway crossing on Mill Street, and for the erection of a bridge across the said street. Presented to the House of Commons, 9th June, 1885.—*Mr. Weldon*....*Not printed.*
- 76j.** Return to an Order of the House of Commons, dated 27th April, 1885, for all papers, documents and correspondence respecting the claim of John D. Robertson for compensation for taking his factory, premises and land for the Intercolonial Railway, last May, at St. John ; the report of Alexander Christie, as appraiser ; the report of C. W. Fairweather, and others, as valuers, and the evidence taken before Mr. Compton, or any other arbitrator before whom the claim was heard. Presented to the House of Commons, 9th June, 1885.—*Mr. Mills*—*Not printed.*
- 76k.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return of the freight earnings of the Intercolonial Railway for the year ending 30th June, 1884, similar to the descriptive statement of the freight earnings of the Prince Edward Island Railway, to be found on page 84 of the report of the Minister of Railways, with the addition of such other articles of freight not contained in said descriptive statement as were carried on the Intercolonial Railway. Also a comparative statement of the operation of the Intercolonial Railway for said year, showing: 1. Passenger earnings per mile of road in operation. 2. Freight earnings per mile of road in operation. 3. Gross earnings per mile of road in operation. 4. Net traffic earnings per mile of road in operation. 5. Percentage of expenses to earnings. 6. Passenger earnings per passenger train per mile. 7. Freight earnings per freight train per mile. 8. Earnings per passenger per mile. 9. Earnings per ton per mile. 10. Average distance per passenger. 11. Average distance per ton. Presented to the House of Commons, 11th June, 1885.—*Mr. Davies*.....*Not printed.*
- 76l.** Return to an Order of the House of Commons, dated 12th March, 1885, for a Return of all contracts made by the Government for the erection of wire fences on the line of the Intercolonial Railway and the names of the contractors and the number of miles put under contract. Presented to the House of Commons, 11th June, 1885.—*Mr. Weldon*.....*Not printed.*
- 76m.** Return to an Order of the House of Commons, dated 24th February, 1885, for a statement of all free passes over the Intercolonial Railway issued to persons not actually employed as officers or workmen on this road during the year 1884, distinguishing between annual passes, passes for a more limited period, and single or return trip ; with the names of the persons to whom, the dates when, and the occasion for which the same was issued. Presented to the House of Commons, 14th July, 1885.—*Mr. Gilmor*.....*Not printed.*

- 76n.** Return to an Order of the House of Commons, dated 11th March, 1885, for a Return showing: The number of free passes or reduced fare tickets granted to parties to travel on or over the Intercolonial Railway from the 1st January, 1884, to the 1st February, 1885; the names of the parties to whom granted; the date of issue; the length of time to remain in force, and, in case of a reduced fare, the reduction made. Presented to the House of Commons, 15th July, 1885.—*Mr. McMullen* ..... *Not printed.*
- 77.** Return to an Address of the House of Commons, dated 24th February, 1885, to His Excellency the Governor General, praying that he will cause to be laid before the House a copy of the judgment of the Supreme Court in the case of the Queen against Robinson, so far as relates to the rights of the Provincial Governments to control the inland fisheries of the Dominion; and also for copies of all correspondence between the Government of the Dominion and that of the Province of Ontario in relation thereto. Presented to the House of Commons, 2nd March, 1885.—*Mr. O'Brien* ..... *Not printed.*
- 77a.** Return to an Address of the House of Commons, dated 23rd February, 1885, for a Return: 1. Of all contested cases judged upon the merits in the Supreme Court of Canada, during the twelve months ending 1st February instant. 2. Of the dates of final arguments. 3. Of the dates of final judgment. 4. Of the divisions, when such have been, among the judges at the rendering of the final judgments. Presented to the House of Commons, 9th March, 1885.—*Mr. Curran* ..... *Not printed.*
- 77b.** General Rule, No. 265, of the Exchequer Court of Canada, pursuant to section 79 of the Supreme and Exchequer Court Act. Presented to the House of Commons, 10th April, 1885, by *Hon. J. Costigan* ..... *Not printed.*
- 77c.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of all judgments rendered by the Supreme Court, from the period when it was first established up to this date, reversing decisions of the Court of Queen's Bench of the Province of Quebec, with a succinct summary of the reasons given by the judges. Presented to the House of Commons, 17th July, 1885.—*Mr. Landry (Montmagny)* ..... *Not printed.*
- 78.** Return to an Order of the House of Commons, dated 17th February, 1885, for a Return showing all sums of money paid and the dates of payment to A. F. Wood and J. A. Wilkinson, or either of them, from the first day of January, 1879, to the first day of January, 1885; the work done or services rendered as valuers or otherwise during each year, showing the number of days, weeks or months employed and the number of valuations made on the Murray Canal; the amount paid to the several parties on the recommendation or joint recommendations of them or either of them; the length of time the claims had been in existence; the amount claimed and the dates of payment, and the amount paid and the travelling and all other expenses connected therewith and paid to the said Wood and Wilkinson, or either of them, or to any other person or persons on their or either of their accounts. Presented to the House of Commons, 2nd March, 1885.—*Mr. McMullen* ..... *Not printed.*
- 79.** Return to an Address of the House of Commons, dated 23rd February, 1885, to His Excellency the Governor General, praying that he will cause to be laid before the House copies of all Orders in Council, leases, correspondence and other documents in possession of the Government in reference to the leasing of the piece of property in the city of Kingston known as the Tête du Pont Barracks. Presented to the House of Commons, 2nd March, 1885.—*Mr. Platt*—*Not printed.*
- 80.** Return to an Order of the House of Commons, dated 2nd February, 1885, for copies of all documents, correspondence and contracts between the Government or its officers and the several parties tendering for the supplying of wood to the lightship at the Lower Traverse, for the years 1883 and 1884. Presented to the House of Commons, 4th March, 1885.—*Mr. Casgrain* ..... *Not printed.*
- 81.** Return to an Order of the House of Commons, dated 12th February, 1885, for a statement showing the names and places of residence of all militiamen of 1812 who received their pension during the last fiscal year, and the amount paid to each of them. Presented to the House of Commons, 5th March, 1885.—*Mr. Bourassa* ..... *Printed for Sessional Papers only.*

- 81a.** Return to an Order of the House of Commons, dated 12th February, 1885, for a copy of the charges against Lieut.-Colonel O'Malley, of the 25th Battalion, Ontario; date of O'Malley's suspension; date of the court of enquiry into the charges; also a copy of the evidence taken before said court of enquiry, together with the report of said court to the Major-General commanding the militia; also copy of report of the Major-General commanding the militia in reference to the charges against Lieut.-Colonel O'Malley, 25th Battalion Presented to the House of Commons, 12th March, 1885.—*Mr. Wilson*.....*Not printed.*
- 81b.** Return to an Order of the House of Commons, dated 2nd March, 1885, for a Return showing the number of officers, non-commissioned officers and men comprising "A," "B" "C" Batteries, the Cavalry and Infantry Schools; also the pay and allowances of the commissioned officers of said batteries and schools, with their rank and names, and distinguishing such of said commissioned officers as are graduates of the Royal Military College, the date of appointment of all said officers to the schools and of their commissions in the militia, as well as showing their qualifications and the Provinces from which they come; also return showing the expenditure on account of "A," "B" "C" Batteries, the Cavalry and Infantry Schools, from the 1st July, 1884, to 1st January, 1885, distinguishing the disbursements on account of pay and allowances, and the names of the parties to whom payments were made. Presented to the House of Commons, 13th March, 1885.—*Mr. Lister*.....*Not printed.*
- 81c.** Return (in part) to an Order of the House of Commons, dated 2nd March, 1885, for a return showing: 1. Number and names of the students having passed or graduated from the Royal Military College, Kingston, in each year to date. 2. Total number of marks received by each, together with the total number possible to be obtained in each year, respectively, and the percentage of such total obtained by each pupil. 3. Number and names of those cadets who, after passing through said college, are now employed in the service of the Dominion, together with statement of the position occupied by each. 4. Number and names of cadets who have been offered employment in the service of the Dominion, and have declined the offer, together with statement of the position offered and declined by each respectively. Presented to the House of Commons, 16th March, 1885.—*Mr. Blake*—  
*Printed for both Distribution and Sessional Papers.*
- 81d.** Return to an Order of the House of Commons, dated 5th February, 1885, for a return of all rifle associations in the Dominion, their headquarters, the annual grant to each, with the names of the members of each of such associations. Presented to the House of Commons, 20th March, 1885.—*Mr. Bergin*.....*Not printed.*
- 81e.** Supplementary Return to an Order of the House of Commons, dated 2nd March, 1885, for a Return showing: 1. Number and names of the students having passed or graduated from the Royal Military College, Kingston, in each year to date. 2. Total number of marks received by each, together with the total number possible to be obtained in each year, respectively, and the percentage of such total obtained by each pupil. 3. Number and names of those cadets who, after passing through said college, are now employed in the service of the Dominion, together with statement of the positions occupied by each. 4. Number and names of cadets who have been offered employment in the service of the Dominion, and have declined the offer, together with statement of the position offered and declined by each, respectively. Presented to the House of Commons, 27th April, 1885.—*Mr. Blake*.....*Not printed.*
- 81f.** Copy of a Report of a Committee of the Honorable the Privy Council, approved by His Excellency the Governor General in Council, dated the 8th July, 1885, on a memorandum of the 30th June, 1885, from the Minister of Militia and Defence, submitting certain regulations relating to gratuities and pensions to be granted under the provisions of section 68 of the Consolidated Militia Act of 1883, to officers and men of the active militia who have been or may be killed or wounded on actual service after the 20th day of March, 1885, or who have died since that date, or may die hereafter, from illness or injuries contracted on actual service. Presented to the House of Commons, 10th July, 1885, by Hon. J. P. R. A. Caron—  
*Printed for both Distribution and Sessional Papers.*
- 82.** Return to an Address of the House of Commons, dated 22nd February, 1885, for copies of the petition of J. Hickson, Esq., and others, relative to the continuation of the pension of the late

- John Martin to his widow, and all papers in connection therewith. Presented to the House of Commons, 5th March, 1885.—*Mr. Curran*.....*Not printed.*
- 83.** Return to an Address of the House of Commons, for copies of all Orders in Council, memorials and representations, on the subject of the bounty on manufactures of iron, not already brought down, together with all letters, accounts and vouchers in respect of claims made for such bounty; and statement in detail of all sums paid or allowed in respect thereof. Presented to the House of Commons, 6th March, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*
- 84.** Return to an Order of the House of Commons, dated 12th February, 1885, for copies of all papers and correspondence between the Government and D. J. Hughes, county judge of Elgin, or any other person or persons, relating to charges preferred by certain petitioners of said county, asking for a commission of enquiry into the official conduct of the said judge. Presented to the House of Commons, 6th March, 1885.—*Mr. Wilson*.....*Not printed.*
- 85.** Return to an Order of the House of Commons, dated 17th February, 1885, for a Return of all certificates for liquor sold under section 99, clause 4, second part of the Canada Temperance Act of 1878, by the physicians of the several counties now under the said Act in Nova Scotia, giving the names of each physician and the names of the persons to whom certificates were granted, and the quantity supplied in each case, from 1st January, 1884, to 1st January, 1885. Presented to the House of Commons, 6th March, 1885.—*Mr. Kirk*.....*Not printed.*
- 85a.** Return to an Address of the House of Commons, dated 5th February, 1885, for: 1. A copy of the Order in Council respecting the submission to the Supreme Court of the case agreed on between the Government of Canada and the Government of each of the Provinces under the Liquor License Act of 1883, and the Act to amend the Liquor License Act of 1883, as to the competency of Parliament to pass the said Acts in whole or in part. 2. A copy of the said case of the factum of the Government of Canada and of the factum of each of the said Provinces, the arguments of counsel in such case and the notes of the shorthand reporter taken during such argument. 3. A copy of the report of said court in said case. 4. All correspondence between the Government of Canada and the Government of each of said Provinces touching said case, and the submission thereof, and the report thereon; and all correspondence between said Governments before and since said report, respecting the same and the matters in dispute and so referred. Presented to the House of Commons, 11th March, 1885.—*Mr. Cameron (Huron)* .....*Printed for Sessional Papers only.*
- 85b.** Return (*in part*) to an Order of the House of Commons, dated 16th February, 1885, for a statement from the records of all the votings held in various counties and cities under the provisions of the Canada Temperance Act, 1878, showing by electoral districts and the various sub-divisions thereof, the total number of names on the electoral lists, the number of votes polled for the adoption of the Act, and the number of votes polled against the adoption of the Act, with the number of the population of each such electoral district at the time of the taking of the census next preceding the vote in such electoral district. Presented to the House of Commons, 11th March, 1885.—*Mr. Fisher*.....*Not printed.*
- 85c.** Return to an Address of the House of Commons, dated 2nd March, 1885, for all correspondence between this Government and the Local Government of the Province of Quebec about the working of the License Act. Presented to the House of Commons, 13th March, 1885.—*Mr. Bergeron*.....*Not printed.*
- 85d.** Return to an Address of the House of Commons, dated 2nd March, 1885, for: 1. The amount of revenue derived from the importation of wines, spirits, ale, beer, porter, cordials and other liquors, during the last fiscal year. 2. The amount of revenue derived from the manufacture of the same for the same period. Presented to the House of Commons, 13th March, 1885.—*Mr. Bergin*.....*Not printed.*
- 85e.** Return to an Order of the House of Commons, dated 9th February, 1885, for a Return of all certificates for liquor under section ninety-nine, clause four, second part of the Canada Temperance Act of 1878, by the physicians of the county of Halton; giving the name of each physician and the name of each person to whom certificates were granted from the first of May, 1884, to the first of February, 1885. Presented to the House of Commons, 18th March, 1885.—*Mr. McCraney*.....*Not printed.*



- 85f.** Return to an Order of the House of Commons, dated 16th February, 1885, for a statement from the records of all the voting held in various counties and cities under the provisions of the Canada Temperance Act, 1878, showing by electoral districts and the various sub-divisions thereof the total number of names on the electoral lists, the number of votes polled for the adoption of the Act, and the number of votes polled against the adoption of the Act, with the number of the population of each such electoral district at the time of the taking of the census next preceding the vote in such electoral district. Presented to the House of Commons, 23rd March, 1885.—*Mr. Fisher*.....*Not printed.*
- 85g.** Return to an Address of the Senate, dated 20th February, 1885, for a return of the amounts of revenue received from duties or excise on wine, beer and spirits, for the year ending 31st December, 1884. Presented to the Senate, 13th March, 1885.—*Hon. Mr. Plumb*.....*Not printed.*
- 85h.** Return to an Address of the House of Commons, dated 27th April, 1885, for copies of all correspondence between Charles H. Lugrin and the Secretary of State, in reference to an appeal to the Supreme Court of Canada to test the constitutionality of the Canada Temperance Act, between the dates of 31st May, 1879, and 31st May, 1884. Presented to the House of Commons, 5th May, 1885.—*Mr. Burpee (Sunbury)*.....*Not printed.*
- 85i.** Return to an Order of the House of Commons, dated 5th February, 1885, for a Return showing the number of persons who applied in the year 1884 for licenses under the Liquor License Act of 1883; the total number of licenses granted in Canada, the total number in each province and in each electoral district; the total number refused a license and the reason for refusal; the total number in each province who paid part of the fee but did not take out a license; the total amount received by the Government for such licenses in Canada, in each province of Canada, and also in each electoral division; together with a statement showing what salary was paid the commissioners, inspectors and sub-inspectors under the Act, and giving the names and addresses of said commissioners, inspectors and sub-inspectors in every electoral district of Canada. Presented to the House of Commons, 23rd June, 1885.—*Mr. Landerkin*—*Not printed.*
- 85j.** Return to an Order of the House of Commons, dated 5th February, 1885, for a Return showing the names and residences of all officials appointed by the Government or the Board of License Commissioners under the Liquor License Act of 1883, and amending Act; the salary, fees and emoluments paid to each, and the aggregate costs incurred up to 1st January, 1885, under the said Act, and for carrying out and enforcing the same. 2. A statement of the name and residence of each person who obtained a license under the said Act, as well as under any local law. 3. A statement of all sums received by the Government or any persons appointed under the said Acts, up to 1st January, 1885, as license fees or otherwise, and the name and residence of the person from whom received, and the disposal made by the Government or the officials of the Government of such sums. 4. A full and detailed statement of all costs, charges and expenses paid by the Government up to 1st January, 1885, under the said Acts or in connection therewith, or arising therefrom for the purpose of carrying said Acts into effect and enforcing the same and testing the constitutionality of the said Acts. Presented to the House of Commons, 23rd June, 1885.—*Mr. Cameron (Huron)*.....*Not printed.*
- 85k.** Return to an Order of the House of Commons, dated 12th February, 1885, for a copy of all correspondence had with the Government, or any member thereof, in relation to any proposed alteration or relaxation of the provisions of the present Prohibitory Liquor Law of the North-West Territories. Presented to the House of Commons, 15th July, 1885.—*Mr. Foster*—*Printed for Sessional Papers only.*
- 86.** Return to an Address of the House of Commons, dated 6th February, 1885, for: 1. A statement showing all tolls of the Northern Railway Company of Canada, the Hamilton and North-Western Railway Company, and the Northern and Pacific Junction Railway Company, respectively. 2. Copies of the respective by-laws of such companies fixing and regulating such tolls. 3. Copies of any Orders in Council approving of any of such tolls. Presented to the House of Commons, 9th March, 1885.—*Mr. Mulock*.....*Not printed.*
- 87.** Return to an Order of the House of Commons, dated 17th February, 1885, for a Return showing the number of islands leased in the river St. Lawrence, the names of such islands, the party or

- parties to whom leased, and the yearly rental payable for each of the said islands respectively. Presented to the House of Commons, 11th March, 1885.—*Mr. Wood (Brockville)*....*Not printed.*
88. Return to an Order of the House of Commons, dated 23rd February, 1885, for copies of all correspondence relative to the proposal to have the waters of the Muskoka lakes connected with the proposed Trent Valley Canal system by the construction of a short canal from Gravenhurst Bay to the waters of the Severn River. Presented to the House of Commons, 11th March, 1885.—*Mr. Cockburn*.....*Not printed.*
89. Return to an Order of the House of Commons, dated 16th February, 1885, for a statement of the various amounts of money paid by the Government of Canada, or any of the public departments, since 1882, to Henry J. Morgan, for services of any kind, or for copies of a certain book, called the "Annual Register;" together with copies of the certificate of each public official to whom such books have been delivered. Presented to the House of Commons, 11th March, 1885.—*Mr. McCraney*.....*Not printed.*
- 89a. Return to an Order of the House of Commons, dated 27th April, 1885, for a statement of all payments during 1882-83 and 1883-84 for the *Dominion Annual Register* to anyone except H. J. Morgan, with the names of the persons who received the money, and a statement of the manner in which the number of books were distributed. Presented to the House of Commons, 19th May, 1885.—*Mr. McCraney*.....*Not printed.*
90. Report of Progress of the Geological and Natural History Survey and Museum of Canada, containing reports and maps of investigation and surveys, for 1882-83 and 1884. Presented to the House of Commons, 11th March, 1885, by Sir John A. Macdonald—  
*Not re-printed for Sessional Papers.*
91. The Annual Report of the Life Association of Canada, for year ending 31st December, 1883. Presented to the House of Commons, 20th March, 1885.....*Not printed.*
92. A statement of affairs and list of shareholders of the British Canadian Loan and Investment Company, on the 31st December, 1884. Presented to the House of Commons, 20th March, 1885, by Sir Leonard Tilley.....*Not printed.*
93. Return to an Order of the House of Commons, dated 17th February, 1885, for copies of all papers connected with the sale of the Dundas and Waterloo Macadamized Road by the Government on the 15th day of March, 1884, including previous applications by any municipality or private parties for the purchase or other acquisition of the road, the conditions under which the road was offered for sale; statement, in detail, of the expenses incurred in connection with the sale, to whom sold, the amount realized and the amount and dates of the payments made by the purchaser, and the balance, if any, remaining unpaid at the date of this Order. Presented to the House of Commons, 12th March, 1885.—*Mr. Paterson (Brant)*—  
*Not printed.*
94. Return to an Order of the House of Commons, dated 23rd February, 1885, for a statement showing in the case of each election which has taken place since the general election of 1878: 1. The date of certificate of the judge or court showing the election was void, or of the communication from members that there was a vacancy, or of the member's warrant to the Clerk of the Crown in Chancery, or of any other instrument under which primary action was taken towards a new election, specifying in each case the nature of the instrument. 2. Date of receipt by the Speaker or Clerk, as the case may be, of above instrument. 3. Date of the issue of Speaker's warrant to the Clerk of the Crown in Chancery to make out a new writ. 4. Date of the receipt of the Speaker's warrant by the Clerk of the Crown in Chancery. 5. Date of the issue of new writ by the Clerk of the Crown in Chancery. 6. Date of despatch of new writ to Returning Officer. 7. Dates named in new writ for nomination and polling respectively. 8. Dates on which nomination and polling took place. 9. Date of return. 10. Date of receipt of return by Clerk of the Crown in Chancery. Presented to the House of Commons, 18th March, 1885.—*Mr. Blake*.....*Not printed.*
- 94a. Return (*in part*) to an Order of the House of Commons, dated 23rd February, 1885, for a statement respecting each election which has taken place since the general election of 1878; dated 20th March, 1885. Presented to the House of Commons, 20th March, 1885.—*Mr. Blake*—  
*Not Printed.*

- 95.** Return to an Order of the House of Commons, dated 2nd March, 1885, for: 1. Copies of the petition praying for the deepening of Bras St. Nicholas, in the county of Montmagny. 2. Statement of the amount expended in the said work, the names of the persons to whom the same was paid, the work for which such sum was paid, the date of payment, and the report, estimate or account upon which each payment was made. 3. Statement of the amount paid to Jules Bélanger in connection with the said work. Presented to the House of Commons, 13th March, 1885.—*Mr. Laurier*.....*Not printed.*
- 96.** Return to an Order of the House of Commons, dated 6th February, 1885, for copies of all correspondence, leases, agreements and statements of payments for rent or taxes, or allowances to any Government employé for the same, for a building occupied by the engineer or assistant engineers of the Trent Valley Canal on part of lot 2 west of Colborne Street and north of Frances Street, in the village of Fenelon Falls, Ontario. Presented to the House of Commons, 13th March, 1885.—*Mr. Cockburn*.....*Not printed.*
- 96a.** Return to an Address of the House of Commons, dated 17th February, 1885, for copies of all correspondence, reports to Council, Orders in Council, reports of engineers on the ground, engineers in charge, and of the chief engineer, plans and estimates of cost, in connection with the proposed Trent Valley Canal. Presented to the House of Commons, 8th May, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*
- 96b.** Return to an Address of the House of Commons, dated 30th March, 1885, for copies of all advertisements, tenders, contracts, specifications, Orders in Council, correspondence and other papers in connection with George Goodwin's contracts in respect to the Trent Valley Canal navigation, including all accounts and letters with reference to claims for extras on such contracts. Presented to the House of Commons, 8th May, 1885.—*Mr. Blake*...*Not printed.*
- 97.** Return to an Order of the House of Commons, dated 17th February, 1885, for a statement of subsidies in cash and subventions, of whatever kind, on railways in the Province of Nova Scotia, including the island of Cape Breton, chargeable to capital account, since the date of Confederation, whether in aid of construction or acquiring of said railways, and the number of miles located in each county. Presented to the House of Commons, 13th March, 1885.—*Mr. McDougall (Cape Breton)*.....*Not printed.*
- 97a.** Return to an Address of the House of Commons, dated 6th February, 1885, for copies of all Orders in Council, reports, correspondence and papers respecting the grant or payment of any subsidies to railways other than the Canadian Pacific Railway, not already brought down; and statements, in detail, of all such payments to date. Presented to the House of Commons, 31st March, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*
- 97b.** Orders in Council recommending the grant of Dominion lands to the Alberta and Athabasca Railway Company, to the Manitoba South-Western Colonization Railway Company, to the Qu'Appelle, Long Lake and Saskatchewan Railroad and Steamboat Company, and to the Manitoba and North-Western Railway Company. Presented to the House of Commons, 15th April, 1885, by Hon. J. H. Pope.....*Not printed.*
- 97c.** Papers, correspondence, etc., relative to grants of Dominion lands to the following railways:—Manitoba South-Western Railway Company, Manitoba North-Western Railway Company, Qu'Appelle, Long Lake and Saskatchewan Railway and Steamboat Company, Winnipeg and Hudson Bay Railway and Steamship Company, North-Western Coal and Navigation Company, North-West Central Railway Company, Qu'Appelle and Wood Mountain Railway Company, and the Portage, Westbourne and North-Western Railway Company. Presented to the House of Commons, 22nd April, 1885, by Hon. J. H. Pope.....*Not printed.*
- 97d.** Copy of an Order in Council, under date the 6th May, 1885, respecting the Manitoba and North-Western Railway Company. Presented to the House of Commons, 15th June, 1885, by Sir Hector Langevin.....*Not printed.*
- 98.** Return to an Order of the House of Commons, dated 2nd March, 1885, for a statement showing the earnings and working expenses of the Eastern Extension Railway, from New Glasgow to Port Mulgrave, Nova Scotia, for each month of the calendar year 1884, respectively. Presented to the House of Commons, 13th March, 1885.—*Mr. Cameron (Inverness)*.....*Not printed.*

- 99.** Return to an Address of the House of Commons, dated 17th February, 1885, for copies of all petitions, letters and other correspondence between the Government and any other parties, relating to the payment of wages due the laborers employed on the construction of the Cape Traverse Branch of the Prince Edward Island Railway. Presented to the House of Commons, 13th March, 1885.—*Mr. Hackett*.....*Not printed.*
- 99a.** Return to an Address of the Senate, dated 20th March, 1885, showing, in detail, the total cost of the Cape Traverse Branch Railway; including the sums paid to engineers and for superintending its construction, the rolling stock, stations and other buildings. Presented to the Senate, 20th April, 1885.—*Hon. Mr. Botsford*.....*Not printed.*
- 100.** Return to an Address of the House of Commons, dated 2nd March, 1885, for copies of all correspondence between the Government of British Columbia or any other person and the Dominion Government, in reference to the troubles among the Indians at Metlakatla, in the year 1884; also all correspondence, including the Order of Council, referring to or recommending the commutation of the sentence passed by the court in British Columbia upon the murderer of Mrs. Yeomans. Presented to the House of Commons, 18th March, 1885.—*Mr. Shakespeare and Mr. Gordon's amendment*.....*Not printed.*
- 100a.** Return to an Order of the House of Commons, dated 12th March, 1885, for: 1. Copy of form of tender for Indian supplies in the North-West for the year 1884. 2. Copies of all tenders received by the Government for such supplies in 1884. 3. The action or decision of the Government on such tenders, and the reasons therefor. 4. Copies of all contracts made by the Government with parties whose tenders have been accepted. 5. All correspondence with the Government respecting all tenders and contracts. Presented to the House of Commons, 29th April, 1885.—*Mr. Paterson (Brant)*.....*Printed for Sessional Papers only.*

## CONTENTS OF VOLUME No. 13.

- 101.** Return to an Order of the House of Commons, dated 2nd March, 1885, for a Return of all fish taken in the bay and river of Miramichi and its branches for the year ending 1st February, 1885, defining the separate quantities of each kind by weight, the places to which they were exported, and the route of transport in each case, and the average price received for each kind of fish; together with an estimate, in detail, of the several kinds of fish taken in that time. Presented to the House of Commons, 20th March, 1885.—*Mr. Macmillan (Middlesex)*—*Not printed.*
- 101a.** Return to an Address of the House of Commons, dated 6th February, 1885, for copies of all minutes of Council, reports to Council, and of correspondence between the Canadian Government and the British Government, or any of its officers or members, not already laid before Parliament, relating to the so-called fishery question, from the 1st of July, 1867, up to the time of the signing of the Washington Treaty. Presented to the House of Commons, 22nd April, 1885.—*Mr. Mulock*.....*Printed for Sessional Papers only.*
- 101b.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of all documents, plans and reports furnished to the Department of Marine and Fisheries by J. U. Gregory, in relation to the porpoise fishery of Ste. Ann la Pocatière. Presented to the House of Commons, 28th May, 1885.—*Mr. Blondeau*.....*Not printed.*
- 101c.** Return to an Order of the House of Commons, dated 27th April, 1885, for a statement of amounts paid in bounty in the years 1883 and 1884 on fish caught in Bras d'Or Lakes, in the counties of Cape Breton, Inverness, Richmond and Victoria, and number of boats drawing such bounty in each county. Presented to the House of Commons, 28th May, 1885.—*Mr. McDougall (Cape Breton)*.....*Not printed.*
- 101d.** Return to an Order of the House of Commons, dated 12th March, 1885, for a return of all leases or licenses issued by the Department of Marine and Fisheries to fish on non-tidal waters in the Province of New Brunswick; the names of the lessees or licensees, and the respective territories and streams leased or licensed, and the respective amounts of rent paid by each lessee or licensee annually. Presented to the House of Commons, 28th May, 1885.—*Mr. Weldon*.....*Not printed.*

- 101e.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of the report of Mr. Jules Gauvreau, fishery overseer, and all details relating thereto, for the year 1884. Presented to the House of Commons, 28th May, 1885.—*Mr. Blondeau*.....*Not printed.*
- 101f.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of the report of the enquiry made by J. U. Gregory against Mr. Clovis Caron, fishery overseer, and of all documents relating thereto. Presented to the House of Commons, 28th May, 1885.—*Mr. Blondeau*.....*Not printed.*
- 101g.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of the report of Mr. Clovis Caron, fishery overseer, and all details therewith connected, for the year 1884. Presented to the House of Commons, 28th May, 1885.—*Mr. Blondeau*.....*Not printed.*
- 101h.** Return to an Address of the House of Commons, dated 27th April, 1885, for copies of all correspondence, Orders in Council, reports and other papers in connection with the removal of Mr. J. E. Starr, of Port Williams, Nova Scotia, from the office of fishery overseer, and the appointment of his successor; and a statement of the distance between the residence of Mr. Starr and that of his successor, and of the length of the coast line of King's County, N.S. Presented to the House of Commons, 5th June, 1885.—*Mr. Blake*.....*Not printed.*
- 101i.** Message from His Excellency the Governor General, transmitting to the House of Commons copies of despatches, correspondence and papers having reference to the negotiations at Washington with respect to the termination of the fishery clauses of the Treaty of Washington during the year 1884 and to the present date in 1885. Presented to the House of Commons, 9th July, 1885, by Sir John A. Macdonald.....*Printed for Sessional Papers only.*
- 102.** Return to an Address of the House of Commons, dated 2nd March, 1884, for copies of all correspondence, reports, Orders in Council, statements of accounts and other documents in the possession of the Government relating to the claim of the Government against the Allan Steamship Company for services rendered by the steamer "Newfield," in 1881, with a statement of the Government claim and the amount received in liquidation thereof. Presented to the House of Commons, 20th March, 1885.—*Mr. Forbes*.....*Not printed.*
- 103.** Return to an Order of the House of Commons, dated 2nd February, 1885, for copies of the complaint, correspondence, documents and reports, relating to the enquiry respecting Captain Alphonse Miville DeChêne about the year 1879, at St. Roch des Aulnets. Presented to the House of Commons, 20th March, 1885.—*Mr. Casgrain*.....*Not printed.*
- 104.** General statements and returns of baptisms, marriages and burials for certain districts of the Province of Quebec, for the year 1884. Presented to the House of Commons, 20th March, 1885, by Hon. J. H. Pope.....*Not printed.*
- 105.** Return to an Order of the House of Commons, dated 2nd March, 1885, for a statement of the quantity and value of coal purchased in 1883 and 1884 for the use of the public buildings at Ottawa, including Rideau Hall, showing from whom purchased, the price paid per ton, the kind of coal, and where produced. Presented to the House of Commons, 23rd March, 1885.—*Mr. Kirk*.....*Not printed.*
- 105a.** Return to an Order of the House of Commons, dated 12th March, 1885, for a Return of all animal charcoal imported into the Dominion, whether as fertilizers or for manufacturing purposes, the value of each kind, and the duties collected thereon at the respective ports of the Dominion, for the last fiscal year ending 30th June, 1884. Presented to the House of Commons, 27th April, 1885.—*Mr. Stairs*.....*Not printed.*
- 105b.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of all notices asking for tenders for supplying the fog-whistles and lighthouses in the Bay of Fundy and on the south shore of Nova Scotia with coal; copies of tenders submitted, names of party or parties whose tenders were accepted; copies of all vouchers, bills of lading and receipts upon which moneys were paid, and all other information in the Department in reference to this service. Presented to the House of Commons, 27th April, 1885.—*Mr. Robertson (Shelburne)*—*Not printed.*

- 105c.** Return to an Order of the House of Commons, dated 12th February, 1885, for a return giving a full statement of all coal entered ex-warehouse, free for exportation, during the year ending 30th June, 1884, showing the quantity so entered at each port; the names of persons having entered; the quantities ex-warehoused by each person, and, if exported, the name of the vessel or railroad by which exported; the place to which exported, and copies of all the cancelling certificates, showing that such coal had been landed in the ports to which exported. Presented to the House of Commons, 7th May, 1885.—*Mr. Burpee (Sunbury)*.....*Not printed.*
- 105d.** Return to an Order of the House of Commons, dated 12th March, 1885, for a return of the quantity of coal carried from the Spring Hill Coal Mines by the Intercolonial Railway from 1st January, 1884, to 31st December, 1884, showing the distance carried, the several places where delivered, and the rate per ton or per car for the carriage thereof from the mines to the several points of delivery. Presented to the House of Commons, 14th July, 1885.—*Mr. McMullen* .....*Not printed.*
- 106.** Return to an Order of the House of Commons, dated 24th February, 1885, for copies of all correspondence exchanged between the Department of Public Works and any person whomsoever, in relation to the construction of a wharf at Pointe aux Trembles, in the county of Portneuf. Presented to the House of Commons, 23rd March, 1885.—*Mr. De St. Georges*—*Not printed.*
- 106a.** Return to an Order of the House of Commons, dated 12th March, 1885, for a return of the wharfage collected at the Digby Pier from the 1st January, 1884, to the 31st of December, 1884. Also a return of the wharfage collected at the Metaghan River Pier, in the county of Digby, for the same period. Presented to the House of Commons, 16th April, 1885.—*Mr. Vail*—*Not printed.*
- 107.** Return to an Order of the House of Commons, dated 23rd February, 1885, for copies of correspondence, petitions, reports of engineers, lighthouse inspectors and others, in reference to change in dimensions of location of the lighthouses known as "Range Lights," at Weller's Bay, Ontario. Presented to the House of Commons, 23rd March, 1885.—*Mr. Platt*—*Not printed.*
- 107a.** Return to an Order of the House of Commons, dated 27th April, 1885, for a return of any memorials or correspondence with the Department of Marine and Fisheries in reference to the site of the new lighthouse at Quaco, built in place of a former one destroyed by fire; showing what was the purchase money paid for the present site, and to whom paid; and showing also who is the present keeper of the light, when appointed, and at what salary. Presented to the House of Commons, 5th June, 1885.—*Mr. Weldon*.....*Not printed.*
- 107b.** Return to an Order of the House of Commons, dated 27th April, 1885, for copies of all correspondence and complaints regarding the management of Bird Island Light, Victoria, Nova Scotia, during the past two years. Also the reports of the several superintendents of lights during the above period, and the evidence taken before the several superintendents regarding the management of the said Bird Island Light. And also the name of the person (if any) now in charge of said light, and the amount of salary paid to such keeper, and if he is permanently engaged. Presented to the House of Commons, 8th June, 1885.—*Mr. Campbell (Victoria)*.....*Not printed.*
- 108.** Return to an Address of the House of Commons, dated 23rd February, 1885, for copies of all Orders in Council, leases, correspondence and other documents in possession of the Government, in reference to the leasing of the piece of property in the city of Kingston known as the Market Battery. Presented to the House of Commons, 23rd March, 1885.—*Mr. Platt*—*Not printed.*
- 109.** Return to an Order of the House of Commons, dated 17th February, 1885, for a copy of the document or instrument containing the assurance received by the Government on or about the 17th day of April last from the Grand Trunk Railway Company, referred to by the Right Hon. Sir John A. Macdonald on that day in his place in this House, to the effect that the Grand Trunk Railway Company would set aside one million pounds sterling for the purpose of double

tracking the line of the Grand Trunk Railway between Montreal and Toronto. Also copy of the report of the denial of the said assurance and of the statements alleged to have been made in respect of it, by Sir Henry Tyler, the president of the said company, at the meeting thereof held in London, England, shortly after the said announcement; and copies of all correspondence between the Government and any official of the said company respecting the said assurance. Presented to the House of Commons, 23rd March, 1885.—*Mr. Mitchell*.....*Not printed.*

**109a.** Return to an Order of the House of Commons, dated 28th March, 1884, for a statement showing the names of all stockholders in the Grand Trunk Railway of Canada, with the amounts of stock held by each of said stockholders, at the close of the first year after the charter was granted or operations commenced. Also the names of all stockholders in said company and the amounts of stock held by each on the first day of the current year. Presented to the House of Commons, 31st March, 1885.—*Mr. Mitchell*.....*Not printed.*

**109b.** Return to an Order of the House of Commons, dated 24th February, 1885, for a statement in detail of the several casualties or accidents, whereby passengers were injured or killed, which have occurred on the Grand Trunk Railway and any of its branches, and the Canadian Pacific Railway and any of its branches, from the 1st day of January, 1884, to the 1st day of January, 1885, stating in detail where and when such casualties occurred, the number of persons killed in each casualty, also number injured, stating whether seriously or otherwise, the several amounts paid, and to whom paid, as damages in each accident, whether any law suits for recovery of damages are pending, and stating in detail what amounts are still claimed thereon; also the causes of such accidents. Presented to the House of Commons, 16th April, 1885.—*Mr. Mitchell*.....*Not printed.*

**109c.** Supplementary Return to an Order of the House of Commons, dated 24th February, 1885, for a statement, in detail, of the several casualties or accidents, whereby passengers were injured or killed, which have occurred on the Grand Trunk Railway and any of its branches, and the Canadian Pacific Railway and any of its branches, from the 1st day of January, 1884, to the 1st day of January, 1885, stating, in detail, where and when such casualties occurred, the number of persons killed in each casualty, also number injured, stating whether seriously or otherwise, the several amounts paid, and to whom paid, as damages in each accident, whether any lawsuits for recovery of damages are pending, and stating, in detail, what amounts are still claimed thereon; also the causes of such accidents. Presented to the House of Commons, 20th April, 1885.—*Mr. Mitchell*.....*Not printed.*

**109d.** Return (*in part*) to an Order of the House of Commons, dated 24th February, 1885, for copies of the returns as required to be made under the Consolidated Railway Act of 1879, and the Acts in amendment thereof, of 1881 and 1884, by the Grand Trunk Railway Company, for the fiscal year 1883-84, in each year separately; and—1. The number of miles of main line of Grand Trunk, with statement of actual total cost of construction and equipment thereof. The separate cost per mile of construction thereof, without rolling stock. The total amount of capital account now standing against the said railway, including its equipment. 2. A statement, in detail, showing the several branches or side lines now owned by the said company, including the number of miles in each, with the amounts severally paid for each. How such amounts were paid; whether paid in cash or securities, and the statement and character thereof, in detail. The amount for which each of such securities was sold, and the net amounts which were realized in each. 3. A statement, in detail, of any railway line or lines leased by the Grand Trunk Company or agreed to be worked by them on a percentage of earnings or other terms, with the length of each of such lines and the conditions, in detail, of the agreements in relation thereto. 4. A statement, in detail, of any interest the Grand Trunk Railway may have in any other railway or railways, with the securities, in detail, that they may hold in relation thereto. 5. A statement in detail of the net earnings of each of the railways mentioned in the four preceding clauses, after the payment of working expenses, for the past financial year, of each of the said railways, with a statement, in detail, of the percentage that working expenses bear in each case to the gross earnings. 6. Whether any and what amounts were paid by the Grand Trunk Company towards the construction of the Toronto and Ottawa Railway, and the amount thereof, with the statement of the gross, as well as the net, earnings of the said railway for the past financial year of the said railway; and a statement of where

- these funds came from; also a statement as to where they appear in the accounts of the Grand Trunk Company's accounts or returns. Presented to the House of Commons, 5th May, 1885.—*Mr. Mitchell*.....*Not printed.*
- 110.** Return to an Order of the House of Commons, dated 12th March, 1885, for a Return showing all properties or rooms leased by the various branches of the Public Service from private parties or companies in the city of Ottawa, stating the amount of rental paid in each case; also the purposes for which such properties or rooms are used. Presented to the House of Commons, 24th March, 1885.—*Mr. Somerville (Brant)*.....*Not printed.*
- 111.** Return to an Address of the House of Commons, dated 6th February, 1885, for copy of the lease of the Northern and Pacific Junction Railway Company to the Northern Railway Company of Canada and Hamilton and North-West Railway Company, or either of them. Presented to the House of Commons, 24th March, 1885.—*Mr. Mulock*—  
*Printed for Sessional Papers only.*
- 112.** Return to an Order of the House of Commons, dated 9th February, 1885, for a statement in detail showing amount of work done, contracts made and with whom, moneys paid and to whom, and all expenditures in connection with the improvements of Great Village River, in the county of Colchester, Nova Scotia. Presented to the House of Commons, 24th March, 1885.—*Mr. Robertson (Shelburne)*.....*Not printed.*
- 113.** Return to an Order of the House of Commons, dated 12th March, 1885, for: 1. The names of all persons who tendered for the construction of the drill shed at Quebec. 2. The amount asked by each person so tendering. 3. The amount of the cheque deposited by each such person in support of his tender, with the names of the signers and endorsers of each cheque, and the names of the several banks by which such cheques were accepted. Presented to the House of Commons, 26th March, 1885.—*Mr. Landry (Montmagny)*.....*Not printed.*
- 114.** Return to an Order of the House of Commons, dated 12th March, 1885, for a copy of report of the Superintendent of Burlington Bay Canal of the soundings taken during the summer of 1884, the plottings and cross-sections made, showing the present conformation of the bottom of the said canal, together with a statement showing the depths on both sides, as well as all plans giving information in reference to said soundings. Presented to the House of Commons, 26th March, 1885.—*Mr. Robertson (Hamilton)*.....*Not printed.*
- 115.** Return to an Order of the House of Commons, dated 17th February, 1885, for a report of the Auditor General and also one McGee, as well as for all papers, letters, accounts, cheques and newspapers connected with any claim of Staff Commander Boulton against the Department of Marine and Fisheries or the Government for any amount of money which he alleges to be due him for salary or otherwise, or which he asserts has been withheld from him, or in relation to any dispute between said Boulton and any officer of the Marine and Fisheries Department in regard to cheques drawn in favor of said Boulton. Also a Return to an Order of the House of Commons, dated 2nd March, 1885, for a return of any papers or letters in the hands of the Government signed by Deputy Minister Smith, bearing on the subject of dispute or irregularity between Deputy Minister Tilton and Staff Commander Boulton, or in any way relating thereto; also copies of any letters addressed to Mr. Tilton by Mr. Smith, as Deputy Minister, on the subject. Presented to the House of Commons, 30th March, 1885.—*Mr. McMullen*.....*Not printed.*
- 116.** Papers and correspondence, up to the present time, with respect to the commission recently appointed to investigate and report upon the claims existing in connection with the extinguishment of the Indian title preferred by half-breeds resident in the North-West Territories outside of the limits of the Province of Manitoba, previous to the 15th day of July, 1870. Presented to the House of Commons, 20th April, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*
- 116a.** Copy of commission appointing commissioners to make enumeration of half-breeds in the North-West Territories previous to the 15th July, 1870. Presented to the House of Commons, 22nd April, 1885, by Sir John A. Macdonald.....*Printed for Sessional Papers only.*
- 116b.** Certified copy of a Report of a Committee of the Honorable the Privy Council, approved by His Excellency the Governor General in Council on the 19th April, 1885, for instructions



given to the three commissioners appointed to proceed to the North-West to enquire into and adjudicate upon the claims of the half-breeds and others in the Saskatchewan settlement. Presented to the Senate, 20th April, 1885.—*Hon. Mr. Alexander*—

*Not printed. See 116.*

- 116c.** Papers and correspondence in relation to claims for land in the Prince Albert district, North-West Territories. Presented to the House of Commons, 27th April, 1885.—*Mr. Blake*.  
*Not printed.*
- 116d.** Return to an Order of the House of Commons, dated 7th March, 1883, for copies of all correspondence and memorials relating to the claims of the inhabitants of Prince Albert and the neighboring districts, in the North-West Territories, in respect of the lands they occupy, and to other matters affecting their condition. Presented to the House of Commons, 5th May, 1885.—*Mr. Blake*.....*Not printed.*
- 116e.** Papers and correspondence in connection with half-breed claims and other matters relating to the North-West Territories. Presented to the House of Commons, 11th June, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*
- 116f.** Papers and correspondence in connection with half-breed claims and other matters relating to the North-West Territories. Presented to the House of Commons, 22nd June, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*
- 116g.** Papers and correspondence in connection with half-breed claims and other matters relating to the North-West Territories. Presented to the House of Commons, 30th June, 1885.—*Mr. Blake*.....*Not printed.*
- 116h.** Copy of the Official Report from Major-General Middleton, C.B., commanding the North-West field forces, concerning the engagements at Fish Creek on the 24th April, 1885; Pound-maker's Camp (near Crees' Reserve), 2nd May, 1885; and Batoche, 9th, 10th, 11th and 12th May, 1885. Presented to the House of Commons, 6th July, 1885, by Hon. J. P. R. A. Caron—  
*Printed for Distribution only.*
- 116i.** Plan and Views of Engagement at Fish Creek on the 24th April, 1885. Presented to the House of Commons, 16th July, 1885, by Hon. J. P. R. A. Caron.....*Not printed.*
- 117.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of all reports, correspondence, petitions, &c., in reference to the seizure of the schooner "Lion," of the Port of Barrington, in Nova Scotia, in December, 1883. Presented to the House of Commons, 31st March, 1885.—*Mr. Robertson (Shelburne)*.....*Not printed.*
- 118.** Return to an Order of the House of Commons, dated 12th March, 1885, for all correspondence with reference to the making of a road on the Indian Reserve at Fort William, Ontario, and the expenditure thereon of funds belonging to the Indians, and particularly with reference to the payments to be made to the licensees, for stumpage or otherwise, for the timber required in the construction of the bridges on the road. Presented to the House of Commons, 7th April, 1885.—*Mr. Blake*.....*Not printed.*
- 118a.** Return to an Address of the House of Commons, dated 27th April 1885, for copies of all correspondence and Orders in Council in any way bearing upon the subject of purchase or offers of purchase of Indian reserve lands in British Columbia, of a date subsequent to 1st June, 1882. Presented to the House of Commons, 30th June, 1885.—*Mr. Baker (Victoria)*—  
*Not printed.*
- 119.** Return to an Order of the House of Commons, dated 23rd March, 1885, for a Return showing, if any, and, if so, what sum or sums of money have been paid to J. E. Collins for services rendered to the Government; also showing travelling and other expenses paid him, if any; and showing in what position or capacity he is employed. Presented to the House of Commons, 8th April, 1885.—*Mr. McMullen*.....*Not printed.*
- 120.** Return to an Order of the House of Commons, dated 23rd March, 1885, for copy of the record in the matter of Eugene Gosselin, of St. Charles de Bellechasse, *versus* the Queen, as it stands

- in the office of the Supreme Court of Canada, including the proceedings before the Exchequer Court and before Dominion Arbitrators. Presented to the House of Commons, 8th April, 1885.—*Mr. Amyot*.....*Not printed.*
- 121.** Return to an Address of the House of Commons, dated 12th March, 1885, for copies of petitions or correspondence in reference to making Ridgetown a port of entry. Presented to the House of Commons, 21st April, 1885.—*Mr. Casey*.....*Not printed.*
- 122.** Return to an Order of the House of Commons, dated 23rd March, 1885, for a Return of all sums (apart from his salary as county judge) which have been paid to G. M. K. Clarke in each of the years 1879, 1880, 1881, 1882, 1883 and 1884, respectively, and for what services in each year; also what sums, if any, have been paid him from the 1st January, 1884, to this date. Presented to the House of Commons, 13th April, 1885.—*Sir Richard Cartwright*—  
*Not printed.*
- 123.** Return to an Address of the House of Commons, dated 23rd March, 1885, for copies of all correspondence having reference to the appointment of a joint commission with the United States Government for surveying the boundary line between the Province of British Columbia and the United States Territory of Alaska. Presented to the House of Commons, 13th April, 1885.—*Mr. Gordon*.....*Not printed.*
- 123a.** Return to an Address of the House of Commons, dated 12th March, 1885, for copies of all correspondence with the Government of British Columbia and Imperial Government, in relation to the eastern boundary of that province. Presented to the House of Commons, 5th May, 1885.—*Mr. Mills*.....*Not printed.*
- 123b.** Return to an Address of the House of Commons, for copies of all Orders in Council, Imperial, Canadian or provincial, in the hands of the Government, and not already laid before Parliament, relating to the disputed boundaries of Ontario. Also all despatches and correspondence with any of the provinces and with the Imperial Government upon the same subject. Presented to the House of Commons, 23rd June, 1885.—*Mr. Mills*—  
*Printed for Sessional Papers only.*
- 124.** Return to an Order of the House of Commons, dated 4th February, 1885, for all Customs collections in Algoma during the six months ending 31st December, 1884, showing the amount collected at Port Arthur and its outports, and at Sault Ste. Marie and its outports, respectively; also the amount collected at Spanish River and such other stations in Algoma as report to Collingwood. Presented to the House of Commons, 13th April, 1885.—*Mr. Dawson*.....*Not printed.*
- 125.** Return to an Order of the House of Commons, dated 17th February, 1885, for all correspondence from 1st January, 1884, to 1st January, 1885, between W. H. Rogers, inspector of fisheries for Nova Scotia, also Mr. Sellon, overseer of river fisheries for Liverpool, Queen's county, Nova Scotia, also between John Millard, J. Newton Freeman, S. J. R. Bill and others, and the Government or Department of Marine and Fisheries, in reference to a breach of the "Sawdust Law," by putting mill rubbish and shingle shavings into the Mersey River; showing also what fines have been imposed and how many collected; if not collected, whether remitted. Presented to the House of Commons, 16th April, 1885.—*Mr. Forbes*.....*Not printed.*
- 125a.** Return to an Order of the House of Commons, dated 1st April, 1885, for copies of all correspondence and reports from W. H. Rogers, inspector of fisheries for Nova Scotia, to the Department of Marine and Fisheries, relating to the adoption of Rogers' patented fish ladder, and the places at which the said inspector recommends that it should be placed; also any instructions from the Department concerning the same. Also a statement of moneys claimed or paid, as a royalty or otherwise, on account of patent fishway, stating by whom and to whom such moneys were paid, together with an account of any other moneys paid by the Department, and to whom, towards the construction of Rogers' fish ladder, the Return to cover the years 1880, 1881, 1882, 1883 and 1884. Presented to the House of Commons, 30th June, 1885.—*Mr. Robertson (Shelburne)*.....*Not printed.*
- 126.** Return to an Order of the House of Commons, dated 9th February, 1885, for the names of all Government officials in the North-West Territories, the date of their appointment, and the

date upon which they entered upon their respective duties; the salary, fee or other allowance granted to each, including travelling or other expenses; the names and respective locations of sheriffs and registrars, the date of their respective appointments, and the date upon which they entered upon their duties, and the date from which their salary commenced to run; the receipts of their respective offices, monthly or annually, from their establishment up to the 1st of January, 1885. Presented to the House of Commons, 16th April, 1885.—*Mr. McMullen*.....*Not printed.*

**127.** Return (*in part*) to an Order of the House of Commons, dated 2nd March, 1885, for copies of all advertisements for tenders, of all specifications, and of all tenders received for fog horns and letter box fronts, from 1st January, 1884, to 31st January, 1885; also of all correspondence, contracts, accounts, receipts and documents relating to the furnishing of such fog horns and letter box fronts. Presented to the House of Commons, 16th April, 1885.—*Mr. Laurier*—

*Printed for Distribution only.*

**127a.** Supplementary Return to an Order of the House of Commons, dated 2nd March, 1885, for copies of all advertisements for tenders, of all specifications, and of all tenders received for fog horns and letter box fronts, from 1st January, 1884, to 31st January, 1885; also of all correspondence, contracts, accounts, receipts and documents relating to the furnishing of such fog horns and letter box fronts. Presented to the House of Commons, 22nd April, 1885.—*Mr. Laurier*.....*Not printed.*

**127b.** Return to an Order of the House of Commons, dated 2nd March, 1885, for copies of all correspondence between the Government and one Captain Conally, or any other person, in regard to placing a fog horn or fog whistle on what is called the Dummy Lighthouse, near the head of Lake Erie. Presented to the House of Commons, 5th May, 1885.—*Mr. Jackson*—

*Not printed.*

**127,** 1880. Return to an Address of the House of Commons, dated 23rd February, 1880, for a copy of any Order or Orders in Council approving of the treaties made with the Indian tribes at Forts Carlton and Pitt in the year 1870, and of all despatches from the Minister of the Interior or his Deputy to the Commissioners, or any of them, communicating the same to them, and having reference to the terms embodied in such treaties, together with the replies of the said Commissioners, or any of them, to such despatches. Presented to the House of Commons, 5th April, 1880.—*Mr. White (Cardwell)*.....*Printed for Distribution only.*

**128.** Return to an Order of the House of Commons, dated 17th January, 1885, for copies of all correspondence between the Government and the Captain of the Life Saving Service at Port Rowan, Province of Ontario, not already brought down. Presented to the House of Commons, 22nd April, 1885.—*Mr. Jackson*.....*Not printed.*

**128,** 1880. Return to an Address of the House of Commons, dated 23rd February, 1880, for copies of all despatches from the Lieutenant Governor of Manitoba, relating to the reserve promised under the provisions of Treaty No. 1, relating to the reserve stipulated thereby to be assigned to the band of Indians in Manitoba of whom Yellow Quill was Chief; and of all correspondence and despatches from the Secretary of State, the Minister of the Interior, or the Deputy Minister of the Interior, addressed to the said Lieutenant Governor in reply or in relation thereto; also correspondence between the Government of Canada and the Hudson Bay Company on the subject. Presented to the House of Commons, 5th April, 1880.—*Mr. White (Cardwell)*.....*Not printed.*

**129.** Return to an Order of the House of Commons, dated 3rd March, 1884, for a Return showing the names, rank, present positions occupied, length of service at sea, of each individual who has received a certificate of either competency or service under the Act passed last Session, making provision for the examination of masters and mates of coasters and inland waters, from the passage of said Act to the nearest possible date, for each and every province of the Dominion; as also a statement giving dates and names of applicants who have been refused certificates of service, or whose certificates have been for some reason withheld, and the reasons for such refusals or retentions. Presented to the House of Commons, 22nd April, 1885.—*Mr. Baker (Victoria)*.....*Not printed.*

- 130.** Return to an Address of the House of Commons, dated 17th February, 1885, for copies of all Orders in Council, despatches and correspondence between the Government of Canada and the United Kingdom, and between the Government of Canada and Her Majesty's Ambassador at Washington, not already brought down, relating to the subject of extradition and extradition arrangements. Presented to the House of Commons, 23rd April, 1885.—*Mr. Blake*—*Printed for Sessional Papers only.*
- 130a.** Return to an Address of the House of Commons, dated 9th February, 1885, for a statement with reference to the cases in which demands for extradition have been made by or upon the Government of Canada, or in which extradition proceedings have been taken in continuation of, and in the same form as, the statement transmitted by the Government of Canada to the Government of the United Kingdom, in or about the year 1876. Presented to the House of Commons, 5th May, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*
- 131.** Return to an Address of the House of Commons, dated 20th February, 1885, for a copy of the Order in Council creating the Forestry Commission, and appointing Mr. J. H. Morgan as such commissioner; also a copy of the recommendation on which such Order in Council was based. Presented to the House of Commons, 23rd April, 1885.—*Mr. Rykert*.....*Not printed.*
- 131a.** Return to an Address of the House of Commons, dated 17th February, 1885, for a copy of Order in Council appointing J. H. Morgan as Forestry Commissioner; also copy of instructions accompanying the same; also date of report from the said J. H. Morgan which appears as part of the last report of the Minister of the Interior, and copies of any subsequent reports and the date on which the same were received by the Department; also statement of any payments made to the said J. H. Morgan subsequent to those appearing in the Public Accounts of 1884. Presented to the House of Commons, 26th May, 1885.—*Mr. Paterson (Brant)*—*Not printed.*
- 132.** Return to an Address of the Senate, dated 6th March, 1885, for a Return of all exports from ports on Hudson and James Bays, other than York Factory, of furs, fish, whale, seal or porpoise oil. Presented to the Senate, 20th April, 1885.—*Hon. Mr. Schultz*.....*Not printed.*
- 133.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return of all correspondence and petitions from mariners, vessel owners and others, not already brought down, relative to the selection of a route for the construction of the Murray Canal, or the character of the harbors afforded by Presqu'Isle and Weller's Bay respectively. Also all offers made by tenders or otherwise to construct said canal by any other than the adopted route, together with all reports as to progress of work of construction in possession of the Government. Presented to the House of Commons, 14th July, 1885.—*Mr. Cockburn*.....*Not printed.*
- 134.** Return to an Order of the House of Commons, dated 23rd March, 1885, for a Return of any orders or instructions of the Railway Department as to the sale of return tickets, limiting the periods in which such tickets can be used; also of any claims made by persons holding such tickets for damages for being ejected from the cars, and what amounts, if any, have been paid for such claims. Presented to the House of Commons, 5th May, 1885.—*Mr. Weldon*—*Not printed.*
- 135.** Return to an Order of the House of Commons, dated 12th February, 1885, for copies of all correspondence and petitions to the Postmaster General, or any member of the Government, with reference to the adoption in Canada of a system to encourage small savings, similar to that brought in by the late Mr. Fawcett in England. Presented to the House of Commons, 7th May, 1885.—*Mr. Blake*.....*Not printed.*
- 136.** Return to an Address presented by the Senate to His Excellency the Governor General, dated 17th March, 1885, praying His Excellency to cause to be laid before this House, copies of the reports of the various surveys made by engineers under the direction of the Government, for a line of railway connecting Montreal with the harbors of St. John and Halifax by the shortest and best practicable route (including the reports of Messrs. A. L. Light and Vernon Smith on the lines surveyed by them, respectively, running up the valley of the Etchemin River and from Canterbury, New Brunswick, to the northern end of Chesuncook Lake, in the

- State of Maine); together with a statement showing the height of the summit level, the maximum grade per mile, the number of miles with a grade exceeding 42 feet, the average grade per mile, and the number and position of the curves with a less radius than 1,910 feet, upon each of such surveyed lines, as well as upon any existing railway proposed to be used in connection with any such surveyed lines; and also a detailed statement of the distances from Montreal to St. John and Halifax by each of such surveyed lines and the existing railways proposed to be used in connection therewith. Presented to the Senate, 5th May, 1885.—*Hon. Mr. Power*.....*Printed for both Distribution and Sessional Papers.*
- 136a.** Return to an Address of the House of Commons, dated 3rd February, 1885, for copies of all Orders in Council, instructions given, reports of engineers, and all documents whatsoever, in relation to the selection of the shortest and best line for a railway between the present terminus of the Canadian Pacific Railway and one of the seaports of the Maritime Provinces. Presented to the House of Commons, 20th July, 1885.—*Mr. Landry (Montmagny)*.....*Not printed.*
- 137.** Return to an Address of the House of Commons, dated 17th February, 1885, for copies of all correspondence, Orders in Council, contracts, and other papers in connection with the projected railway between Oxford and New Glasgow, in Nova Scotia, or in relation to any of the companies or individuals negotiating for the construction of any part of the projected short line within the bounds of the Province of Nova Scotia, and particularly an instrument signed by Sir Charles Tupper, the Minister of Railways, about the 9th May, 1884, whereby he, as representing the Crown, entered into certain engagements with Norvin Green, president of the Montreal and European Short Line Company, or with that company; and of all Orders or arrangements cancelling the said agreement; and of the evidence as to the ability of the company on which said agreement was made; and of all Orders and authorities under which the Oxford Branch Railway was completed or money thereon expended out of the Intercolonial appropriation; and of all agreements in connection with such expenditure, and of all statements, representations and letters made by or on behalf of contractors, companies, railway companies, construction companies, laborers, merchants or others, who have been concerned in the work, and of all reports made to any department or to Council upon any of the above subjects. Presented to the House of Commons, 8th May, 1885.—*Mr. Blake*—  
*Printed for Sessional Papers only.*
- 137a.** Supplementary Return to an Address of the House of Commons, dated 17th February, 1885, for copies of all correspondence, Orders in Council, contracts and other papers in connection with the projected railway between Oxford and New Glasgow, in Nova Scotia, or in relation to any of the companies or individuals negotiating for the construction of any part of the projected Short Line within the bounds of the Province of Nova Scotia; and particularly an instrument signed by Sir Charles Tupper, then Minister of Railways, about 9th May, 1884, whereby he, as representing the Crown, entered into certain engagements with Norvin Green, president of the Montreal and European Short Line Company, or with that company; and of all Orders or arrangements cancelling the said agreement, and of the evidence as to the ability of the company on which said agreement was made; and of all Orders and authorities under which the Oxford Branch Railway was completed, or money thereon expended out of the Intercolonial appropriation, and of all agreements in connection with such expenditure; and of all statements, representations and letters made by or on behalf of contractors, companies, railway companies, construction companies, laborers, merchants or others, who have been concerned in the work; and of all reports made to any department or to Council upon any of the above subjects. Presented to the House of Commons, 14th July, 1885.—*Mr. Mills*—  
*Not printed.*
- 137b.** Return to an Address of the House of Commons, dated 11th February, 1885, for copies of all reports made by engineers employed by the Great American and European Short Line Railway Company in Nova Scotia and Cape Breton, with the plans, papers and correspondence connected therewith; also for copies of all correspondence with the Dominion Government and the Government of Nova Scotia on the same subject; also copies of all contracts by and between the said company and other persons; also a statement of all moneys paid out and expended on contracts for salaries, wages and labor; showing also the amounts, if any, still due and owing by the said company to their contractors, agents or workmen; and also a statement of the

- number of miles completed and graded in each of the counties of Cumberland, Colchester and Pictou. Presented to the House of Commons, 14th July, 1885.—*Mr. Paint*.....*Not printed.*
- 138.** Return to an Order of the House of Commons, dated 23rd March, 1885, for copies of all reports, correspondence, and surveys, if any, in the Department of Public Works, as to the improvement of the North Saskatchewan River, for the purpose of navigation. Presented to the House of Commons, 28th May, 1885.—*Mr. McCallum*—  
*Printed for both Distribution and Sessional Papers.*
- 139.** Return to an Address of the House of Commons, dated 27th April, 1885, for all letters and correspondence had between the Dominion Government or any of its members and the Local Government of New Brunswick or any of its members, on the subject of the building of a foot and carriage bridge on the St. John River, at or near Fredericton. Presented to the House of Commons, 11th May, 1885.—*Mr. Landry (Kent)*.....*Printed for Distribution only.*
- 139a.** Supplementary Return to an Address of the House of Commons, dated 27th April, 1885, for all letters and correspondence had between the Dominion Government or any of its members and the Local Government of New Brunswick, or any of its members, on the subject of the building of a foot and carriage bridge on the St. John River, at or near Fredericton. Presented to the House of Commons, 9th June, 1885.—*Mr. Landry (Kent)*.....*Printed for Distribution only.*
- 140.** Reports of Messrs. Perley and Guerin as to works respecting which application has been made on the River Ottawa and Lake Temiscaming; together with the memorandum of the Reverend Father Paradis, O.M.I. Presented to the House of Commons, 11th May, 1885, by Sir Hector Langevin.....*Printed for Distribution only.*
- 141.** Return to an Order of the House of Commons, dated 28th March, 1884, showing the total cost of old and new works, with expenditure for repairs and maintenance in each year since Confederation: 1. For cost of Welland Canal. 2. For new works, repairs, and all incidental expenses connected therewith. 3. For maintenance. 4. For revenue derived therefrom. 5. For return similar to that contained in 1, 2, 3 and 4, connected with the St. Lawrence Canals. 6. For estimated cost for deepening and completing the St. Lawrence Canals to a depth of twelve and fourteen feet, separately. Presented to the House of Commons, 16th May, 1885.—*Mr. McCraney*.....*Not printed.*
- 142.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return of instructions to the health officers of the ports in the Province of New Brunswick, and quarantine regulations issued by the Department of Marine and Fisheries or the Department of Agriculture relating to these ports. Presented to the House of Commons, 16th May, 1885.—*Mr. Weldon*.....*Not printed.*
- 143.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return showing the actual cost of laying the telegraph cable from Clover Point, Victoria, British Columbia, across the Straits of Juan de Fuca to a point at or near Dungeness, W.T.; said return to give the names of persons to whom sums have been paid; the nature and extent of services rendered, entitling them to such payments; the cost of the cable, time occupied in laying said cable, and its length. Presented to the House of Commons, 18th May, 1885.—*Mr. Baker (Victoria)*.....*Not printed.*
- 144.** Return to an Address of the House of Commons, dated 9th March, 1885, for: 1. Copies of all demands and claims made by the town of Emerson on the Government for financial or other aid, and all correspondence respecting the same. 2. Copies of all Orders in Council or departmental orders respecting such demands or claim, and the action or decision of the Government thereon. Presented to the House of Commons, 18th May, 1885.—*Mr. Cameron (Huron)*.....*Not printed.*
- 145.** Return to an Order of the House of Commons, dated 17th February, 1885, for a statement showing the names of all persons employed by the Department of Public Works or other department of the Government as inspectors or clerks of works on any building or other public work since 1873-74 until 1883-84 inclusive, with statement showing the amount paid to

such persons for services as such officials, and the rate per month or per diem to each; also the gross amount expended by the Government in each year on such works under the inspection of each clerk of works; also a statement showing the actual profession or calling of each such clerk of works. Presented to the House of Commons, 26th May, 1885.—*Sir Richard Cartwright*—*Not printed.*

- 146.** Return to an Address of the House of Commons, dated 27th April, 1885, for all the correspondence, papers and report of the officers of Customs at the port of Halifax and any other port, in connection with the entry by A. & W. Mackinlay, as agents of Thomas Nelson & Son, of school books at an undervaluation. Presented to the House of Commons, 26th May, 1885.—*Mr. Rykert*.....*Not printed.*
- 146a.** Return to an Address of the House of Commons, dated 27th April, 1885, for all papers, correspondence and reports with reference to Nelson & Son's consignment of school books to the late firm of James Campbell & Sons, Toronto. Presented to the House of Commons, 26th May, 1885.—*Mr. Wallace (York)*.....*Not printed.*
- 146b.** Return to an Address of the House of Commons, dated 27th April, 1885, for all the correspondence, papers and report of the officer of Customs for the port of Toronto, in connection with the seizure of school books entered at an undervaluation by Thomas Nelson & Son, Edinburgh. Presented to the House of Commons, 26th May, 1885.—*Mr. Rykert*....*Not printed.*
- 146c.** Supplementary Return to an Address of the House of Commons, dated 27th April, 1885, for a Return of all papers, correspondence and reports with reference to Nelson & Son's consignments of school books to the late firm of James Campbell & Sons, Toronto. Presented to the House of Commons, 26th June, 1885.—*Mr. Wallace (York)*.....*Not printed.*
- 146d.** Supplementary Return to an Address of the House of Commons, dated 27th April, 1885, for a Return of all the correspondence, papers and report of the officer of Customs at the port of Halifax, and any other port, in connection with the entry by A. & W. Mackinlay, as agents of Thos. Nelson & Son, of school books at an undervaluation. Presented to the House of Commons, 26th June, 1885.—*Mr. Rykert*.....*Not printed.*
- 146e.** Supplementary Return to an Address of the House of Commons, dated 27th April, 1885, for a Return of all the correspondence, papers and report of the officer of Customs at the port of Toronto, in connection with the seizure of school books entered at an undervaluation by Thos. Nelson & Son, of Edinburgh. Presented to the House of Commons, 26th June, 1885.—*Mr. Rykert*.....*Not printed.*
- 147.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return showing:  
1. The detailed amounts actually due to the Supervisor of Cullers at Quebec for culling and measuring. 2. The names of all parties indebted, and the date of incurring of each liability. Presented to the House of Commons, 28th May, 1885.—*Mr. De St. Georges*.....*Not printed.*
- 148.** Return to an Address of the House of Commons, dated 12th March, 1885, for copies of all Orders in Council, agreements and correspondence in the possession of the Government since 1872, respecting the Windsor Branch Railway; also copies of pleadings and verdicts in the various suits at law respecting the same branch. Presented to the House of Commons, 9th June, 1885.—*Mr. Kinney*.....*Not printed.*
- 149.** Return to an Order of the House of Commons, dated 9th March, 1885, for all correspondence between the Auditor-General and the Department of Marine and Fisheries, relating to an Order of this House made on the 28th March last, for a return showing all sums received by the Department of Marine and Fisheries on account of rental of rivers and streams, &c.; or in any way relating to any irregularity or inaccuracy connected with matters of the said Department. Presented to the House of Commons, 28th May, 1885.—*Mr. McMullen*—*Not printed.*
- 150.** Return to an Address of the House of Commons, dated 8th April, 1885, for all papers concerning the appointment, instruction and salary of Mr. Hector Fabre, as Canadian agent at Paris, France, and the reports from that gentleman to the Government since his appointment. Presented to the House of Commons, 2nd June, 1885.—*Mr. Bergeron*—

*Printed for Distribution only,*

- 151.** Return to an Address of the House of Commons, dated 12th March, 1885, for copies of all correspondence which has taken place between the Dominion Government and the Local Government of New Brunswick, with reference to the Northern and Western Railway, since May, 1884, up to February, 1885. Presented to the House of Commons, 11th June, 1885.—*Mr. Temple*.....*Not printed.*
- 152.** Return to an Address of the Senate, dated 20th April, 1885, for copies of all memorials, letters or telegrams addressed to the Railway Department, respecting the establishment of the York station on the Prince Edward Island Railway, and the answers thereto; also copies of any memorials, letters or telegrams, which may have been received by that Department, having reference to the abolition of the said station, and the replies, if any, made thereto. Presented to the Senate, 16th June, 1885.—*Hon. Mr. Haythorne*.....*Not printed.*
- 153.** Return to an Order of the House of Commons, dated 11th March, 1885, for a Return showing the amount of money paid for injuries to parties in the Mounted Police since 1878, specifying the names of the parties injured, the nature of the injuries, the amount of money paid, and to whom paid. Presented to the House of Commons, 7th April, 1885.—*Mr. Somerville (Brant)*—*Not printed.*
- 153a.** Annual Report of the Commissioner of the North-West Mounted Police Force for the year 1884. Presented to the House of Commons, 23rd June, 1885.—*Sir John A. Macdonald*—*Printed for both Distribution and Sessional Papers.*
- 154.** Return (*in two parts*) to an Order of the House of Commons, dated 12th March, 1885, for a return showing:—1. Total number of depositors in the Savings Banks, Post Office, or other banks holding deposits of \$1,000 or upwards; also the amount so held. 2. Total number of depositors having deposits of less than \$1,000 and more than \$500 each; also the total amount so held. 3. Total number of said depositors holding less than \$500 each; also total amount so held. Presented to the House of Commons, 30th June, 1885.—*Sir Richard Cartwright and Mr. Fairbank*.....*Not printed.*
- 155.** Return to an Order of the House of Commons, dated 27th April, 1885, for copies of all correspondence and papers relative to the dismissal of George E. Cherrier from the Indian Agency in Caughnawaga; also of the reports of the investigation into the affairs of the agency held by Mr. de Boucherville in 1883, and by A. Dingman in 1884, with copies of all instructions at any time given by the Department to Mr. Cherrier. Presented to the House of Commons, 30th June, 1885.—*Mr. Bain (Wentworth)*.....*Not printed.*
- 156.** Return to an Order of the House of Commons, dated 12th March, 1885, for a Return of all hardware purchased at Halifax by the Department of Marine and Fisheries, from 1st July, 1878, to 31st December, 1884; the names of the firms who furnished the supplies, amount supplied by each firm in each year; the names of the firms who supplied stoves, galvanized and tinware, in each year from 1st October, 1878, to 31st December, 1884, showing if by tender, whose tender was accepted, and if tenders asked for each year. Presented to the House of Commons, 30th June, 1885.—*Mr. Forbes*.....*Not printed.*
- 157.** Return to an Order of the House of Commons, dated 11th March, 1885, for a Return showing the number of days W. Ingles Bradley, a clerk in the Department of Railways, has been registered on the Departmental Attendance Book since 1st July, 1884; also showing the number of days' attendance for which he has received payment, and the total amount paid, together with the name of the departmental officer certifying the account. Presented to the House of Commons, 14th July, 1885.—*Mr. Somerville (Brant)*.....*Not printed.*
- 158.** Return to an Order of the House of Commons, dated 27th April, 1885, for copies of all correspondence of a recent date between the Superintendent General of Indian Affairs and the agent of the Department in British Columbia, or any other person, upon the subject of establishing Indian schools in said province. Presented to the House of Commons, 14th July, 1885.—*Mr. Baker (Victoria)*.....*Printed for Sessional Papers only.*



- 158a.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return showing :  
 1. How many industrial schools for the instruction of Indian half-breed youth have been established in the Province of Manitoba and the North-West Territories respectively, under the authority and by permission of the Government of Canada, and where they are located. 2. At what places lands have been surveyed and set apart for Indian half-breed schools in 1884, and what quantity at each place. 3. Through whose representations and recommendations these half-breed schools are established from time to time, and whether any request from the Indian half-breeds themselves is required for the establishment of a school. 4. What subjects of instruction are provided for these schools in regard to industrial pursuits, moral and religious, and are both sexes included in the general school provisions. 5. Whether any of the Indian half-breed schools are placed under the care or supervision of any religious body or denomination ; if so, what are the conditions upon which such control is granted, and what is the extent of the denominational control, and is it, to the extent granted, a temporary or permanent control ; if there are denominational schools, what is the number belonging to each denomination, where they are located, and what quantity of land is owned or controlled by each, and what is the number of pupils. 6. Whether, when the moral and religious instruction of an Indian half-breed school is placed under the supervision or control of any denomination, it gives to the denomination control of the land and buildings of such school. 7. At whose cost the Indian half-breed school buildings are erected and furnished, and under whose directions the text books are selected or compiled, and by whom they are paid for. 8. What standing of attainment is required of teachers in these schools ; how and from whom they receive certificates of qualification, and whether there is a system of Governmental inspection of these Indian half-breed schools. 9. Whether the teachers and trustees or managers of these schools are required to make any periodical returns to the Government of the attendance, general condition, progress and expenditure of each. 10. Whether any of the religious denominations have obtained lands for church or school purposes from the Government or from any Indian reservation by treaty or otherwise. 11. Whether any of the religious bodies, on their own responsibility, have established schools among the Indians or half-breeds, and if they have, whether they receive any assistance directly or indirectly by land grants or otherwise for the support of such schools from the Government. Presented to the House of Commons, 18th July, 1885.—*Mr. Kirk* ..... *Not printed.*
- 159.** Return to an Address of the House of Commons, dated 12th February, 1885, for copies of all correspondence, petitions and Orders in Council, relating to any applications by or on behalf of any railway company elsewhere than in Manitoba or the North-West, for aid or additional aid. Presented to the House of Commons, 14th July, 1885.—*Mr. Blake*..... *Not printed.*
- 160.** Return to an Address of the House of Commons, dated 2nd March, 1885, for : 1. Copies of all correspondence between the Government and the North-West Council respecting the representation of the Territories in this Parliament. 2. Copies of all petitions, representations and correspondence addressed to the Government, or any member of it, on the same subject, and any replies thereto. 3. Copies of all petitions, representations and correspondence with the Government, or any member of it, on the subject of the establishment of Local Governments in the Territories, and of all replies thereto. Presented to the House of Commons, 15th July, 1885.—*Mr. Cameron (Huron)*..... *Not printed.*
- 161.** Return to an Address of the House of Commons, dated 23rd March, 1885, for a Return of all correspondence, papers and documents which have passed between the Imperial Government and the Dominion Government or the Dominion Government and the Government of British Columbia, relative to the public reserves of British Columbia and to the claim of the Crown to the land between high and low water mark, and generally all information as to "fore shore" rights of the Dominion. Presented to the House of Commons, 15th July, 1885.—*Mr. Baker (Victoria)*..... *Printed for Sessional Papers only.*

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SEVENTEENTH  
ANNUAL REPORT

OF THE

DEPARTMENT

OF

MARINE AND FISHERIES

BRING FOR THE

FISCAL YEAR ENDED 30TH JUNE,

1884.

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Printed by Order of Parliament.

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OTTAWA:

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1885.



To His Excellency the *Most Honourable Sir Henry Charles Keith Petty-Fitzmaurice, Marquess of Lansdowne, in the County of Somerset, Earl of Wycombe, of Chipping Wycombe, in the County of Bucks, Viscount Caln and Calnstone, in the County of Wilts, and Lord Wycombe, Baron of Chipping Wycombe, in the County of Bucks, in the Peerage of Great Britain; Earl of Kerry and Earl of Shelburne, Viscount Clanmaurice and Fitzmaurice, Baron of Kerry, Lixnaw and Dunkerron, in the Peerage of Ireland; Knight Grand Cross of the Most Distinguished Order of Saint Michael and Saint George; Governor General of Canada, and Vice Admiral of the same, &c., &c., &c.*

MAY IT PLEASE YOUR EXCELLENCY:

I have the honour to submit herewith, for the information of Your Excellency and the Legislature of Canada, the Seventeenth Annual Report of the Department of Marine and Fisheries, and the financial statements connected therewith, being for the fiscal year ended 30th June, 1884.

I have the honour to be,

Your Excellency's most obedient servant,

A. W. McLELAN,

*Minister of Marine and Fisheries.*

DEPARTMENT OF MARINE AND FISHERIES,

OTTAWA, 1st January, 1885.



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REPORT  
OF THE  
DEPUTY MINISTER.

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To the Honourable

ARCHIBALD WOODBURY McLELAN,  
Minister of Marine and Fisheries.

SIR,—I have the honor to report on the transactions of this Department for the fiscal year ended the 30th June last, and to give an account of a considerable portion of the business up to 31st December, 1884. One supplement will be issued with this Report, comprising the reports of the Chairmen of the Boards of Steamboat Inspection, and Examiners of Masters and Mates, the reports of the Toronto, Montreal, Quebec and Pictou Harbour Commissioners, the Pilotage Authorities, the Harbour Masters, the Shipping Masters, the Port Wardens and the Harbour Police of Montreal and Quebec, together with statements of wrecks and casualties, and list of rewards for saving life.

The total amount expended on the various branches of the Public Service administered by this Department, including the salaries of the establishment staff, during the fiscal year ended 30th June last, was \$1,257,723.58, while the total amount voted was \$1,274,709.56, which last named amount includes the Departmental salaries.

The whole number of persons engaged in the Outside Service of the Department at the close of the calendar year was 1,363.

The Lighthouse Service of the Dominion is divided as follows, viz:—The Ontario Division, embracing lights above Montreal; the Quebec Division, extending below Montreal and including the River and Gulf of St. Lawrence; the Nova Scotia Division; the New Brunswick Division; the Prince Edward Island Division and the British Columbia Division. The total number of light stations in the Dominion on the 31st December last was 507, and of lights shown, 597; the number of steam fog-whistles and automatic fog-horns 33, and the number of light-keepers, engineers of fog-whistles and other assistants, with crews of lightships, was 652.

The following is the number of light stations, the number of lights shown, of fog-whistles and of automatic fog-horns in the several Provinces in the Dominion at 31st December of each year, from 1868 to 1884, inclusive. In these numbers are 3 light stations on the coast of Newfoundland, maintained by the Dominion.

|                          | Light Stations. | Light-houses. | Fog-Whistles. | Automatic Fog-horns. |
|--------------------------|-----------------|---------------|---------------|----------------------|
| 31st December, 1868..... | 193             | 227           | 2             | .....                |
| do 1869.....             | 219             | 233           | 2             | .....                |
| do 1870.....             | 240             | 278           | 4             | .....                |
| do 1871.....             | 264             | 297           | 8             | .....                |
| do 1872.....             | 280             | 314           | 13            | .....                |
| do 1873.....             | 316             | 363           | 17            | .....                |
| do 1874.....             | 342             | 384           | 18            | .....                |
| do 1875.....             | 377             | 444           | 22            | .....                |
| do 1876.....             | 407             | 488           | 24            | .....                |
| do 1877.....             | 416             | 509           | 25            | 2                    |
| do 1878.....             | 427             | 518           | 25            | 4                    |
| do 1879.....             | 443             | 542           | 23            | 6                    |
| do 1880.....             | 452             | 551           | 22            | 7                    |
| do 1881.....             | 462             | 553           | 23            | 9                    |
| do 1882.....             | 470             | 562           | 23            | 9                    |
| do 1883.....             | 484             | 578           | 23            | 9                    |
| do 1884.....             | 507             | 597           | 23            | 10                   |

#### ONTARIO LIGHTHOUSE DIVISION.

This division includes the lighthouses and lightships in that part of the Province of Quebec lying between Montreal and the boundary line between the Provinces of Ontario and Quebec, as also all the lights and lightships in the Province of Ontario, embracing the lights on the Ottawa River, the St. Lawrence River above Montreal, the Thames River and Lakes Ontario, Simcoe, Erie and Huron, the Georgian Bay and Lake Superior.

The number of lights in the Ontario Division, inclusive of two in Manitoba, was 165. This number comprises lighthouses and light-beacons, lightships maintained by the Dominion, and one lightship maintained under contract by the Dominion. There are 216 buoys and 18 beacons.

The number of light-keepers in this division, paid directly by the Government, was 130, but in several cases assistants were employed by keepers, and paid by them out of the allowance made by the Government for that purpose.

The lights in this division, with the exception of those on the Ottawa River, were inspected during the months of July and August by Mr. Patrick Harty, the Superintendent of Lights, and supplied with the necessary stores, the steamer "Celtic"

being chartered for the purpose, for the sum of \$2,750. From the report received, it appears that the lighthouses are, on the whole, well attended to and their general condition satisfactory.

The following new lights have been established during the past season:—

A beacon light in Collingwood Harbour, on the Georgian Bay. The light is a fixed red dioptric, elevated 23 feet above water, and visible from all points of approach. The structure consists of a small pier, surmounted by a shed, painted white, and a mast on which the lantern is hoisted. It stands on the starboard side of the curved dredged channel, at its most south-westerly point, the light being intended to show the dredged channel, and to show only within the limits of the harbour. The sum of \$1,431.80 was expended in the construction of this light, as will be seen by reference to the accounts of the past year.

A lighthouse upon the extreme north-easterly point of Hope Island, in the Georgian Bay. A revolving white light is shown, attaining its greatest brilliancy every minute. It is elevated 54 feet above water mark, and should be visible 12 miles from all points of approach, except where interrupted by the trees on the island. The illuminating apparatus is catoptric. The building is of wood, painted white, and consists of a square tower 57 feet high from the ground to the vane on the lantern, with keeper's dwelling attached. The sum of \$1,864.08 was expended on this lighthouse, as will be seen by reference to the accounts of the past fiscal year, and further expenditure will be shown in the accounts of the current fiscal year.

A lighthouse on Mississauga Island, North Channel of Lake Huron. The light is situated on the south end of the island, is revolving white, attaining its greatest brilliancy every 45 seconds. It is elevated 53 feet above water mark, and should be visible 12 miles all around the horizon, except where interrupted by trees on northerly bearings. The illuminating apparatus is catoptric in character.

The building is of wood, painted white, and consists of a square tower, 50 feet high from the ground to the vane on the lantern, with keeper's dwelling attached. As will be seen by reference to the accounts, the sum of \$4,394.20 was expended on this light during the past fiscal year.

A lighthouse on Gravenhurst Narrows, Lake Simcoe. This, a small beacon, is situated on the south-east point of Denison's Island, at the northern entrance of Gravenhurst Narrows. It is a fixed white dioptric light, shown from a lantern hoisted on a mast 25 feet high, and is elevated 23 feet above water mark, and should be visible 10 miles from all points of approach. The sum of \$524.22 was expended on this light during the past fiscal year, as will be seen by reference to the accounts.

During the past season a contract was entered into with Mr. John Waddell, of Kingston, for the construction of lighthouses in the District of Algoma, at the following points, viz.: the North Sister Rock, the head of Wilson's Channel, and Shoal Point, west of Richard's Dock, all in the north channel of St. Mary's River,

and also for a lighthouse in the village of Manitowaning, and one at the extremity of Cape Robert, both on the Great Manitoulin Island. Considerable progress has been made with these works, and it is expected that the lighthouses will be completed and the lights shown on the opening of navigation next season. The contract price for these lighthouses, together with a dwelling for the light-keeper at North Sister Rock, and a wooden crib with beacon in Wilson's Channel, is \$9,023.

Reference was made in the report of last year to the suspension of the work of constructing the new pier and lighthouse at Colchester Reef, Lake Erie, owing to the destruction by storm of the iron caisson. The contractor, Mr. George Wilson, having abandoned the work, a contract was entered into with Mr. John E. Askwith, of New Edinburgh, for \$17,465, who has commenced operations, and expects to complete the work next season. A contract was entered into with Mr. F. B. Hackett, of Amherstburgh, to maintain a lightship on the reef during the season of navigation, for the sum of \$1,800. At the close of the season this lightship unfortunately filled and rolled over on being towed to winter quarters on the 26th November, and had to be abandoned. She has since been recovered.

During the past season tenders were invited for the construction of an engine house for a fog-horn on the Isle of Coves, Georgian Bay, and the contract was awarded to Mr. Henry Harmer, of Southampton, at \$850. One of the improved Neptune fog-horns will be placed at this station early next season. The horn was supplied by the Neptune Fog-Horn Company, of Quebec, at a cost of \$2,118.

A fog horn of similar description will also be placed next season at Gibraltar Point light station near Toronto. The contract for the necessary building has been awarded to Mr. Henry Harmer, at \$1,100.

Tenders were also invited last season for the erection of a lighthouse at Loyal Island, in the County of Bruce, Lake Huron, and the contract awarded to Messrs. John George and David Currie, of Port Elgin, at \$3,575. Considerable progress has been made with the erection of this lighthouse, and it is expected that the light will be shown early next season.

A contract was also entered into with the Rathbun Company, of Deseronto, for the erection of a lighthouse at that place, for the sum of \$437.49, and the lighthouse has been completed and the light will be shown on the opening of navigation next season.

Tenders have been invited for the erection of a lighthouse at Tobermory Harbour, in the north riding of Bruce, to replace the old building, from which a temporary light has been shown for some years past. Tobermory Harbour has been pronounced one of the best in the Georgian Bay, and it is important that a good light should be established.

Appropriations were made by Parliament at its last Session for the erection of lighthouses at Caribou Island, Lake Superior; Rainy River entrance, Lake of the

Woods; Victoria Island, Lake Superior, and the Upper Ottawa in the County of Pontiac; and tenders will be invited for these works as soon as the necessary plans and specifications have been prepared.

During the past season it was found necessary to renew the shed of the pole light at Cobourg, which had been washed away in a storm.

A new lantern was supplied during the past summer to the light at Point Peter, Lake Ontario, and a new revolving apparatus will shortly be sent to this station.

The new lighthouse on Swampy Island, off the mouth of Beren's River, Lake Winnipeg, to which reference was made in the report of last year, was put in operation on the 12th June last. The light is fixed white, elevated 34 feet above water, and should be visible 11 miles from all points of approach. The illuminating apparatus is dioptric of the sixth order. The building is of wood, painted white, and consists of a square tower 33 feet high, with dwelling attached. The sum of \$435.49 was expended on this lighthouse up to 30th June last, and further expenditure will be shown in the accounts of the present fiscal year.

The following changes have occurred in the list of keepers in this division, since the date of last report, viz. :—

By Order in Council of the 7th January last, Mr. Henry Darke was appointed keeper of the light at Muskoka or Fox Island, at a salary of \$250 per annum, in the room of Jeremiah Cole Darke, left the locality.

By Order in Council of the 15th February last, Mr. Richard Davis was appointed keeper of the lighthouse at Pigeon Island, at a salary of \$300 per annum, in the room of James Wm. Davis.

By Order in Council of the 9th April last, Mr. Robert Philip Boyd was appointed keeper of the lighthouse at Cole Shoal, at a salary of \$250 per annum, in the room of Erastus John Rowsome, resigned.

By Order in Council of the 19th April last, Mr. Joseph Lamondin was appointed keeper of the lighthouse at Byng Inlet, Georgian Bay, at a salary of \$250 per annum, in the room of James Milne, resigned,

By Order in Council of the 19th April last, Mr. Henry Scott was appointed keeper of the lighthouse at the Narrows, Lake Muskoka, at a salary of \$100 per annum. Mr. Scott having declined the appointment, Mr. David Schell was placed in temporary charge.

By Order in Council of the 10th July last, Mr. Neil McDonald was appointed keeper of the light at Mississauga Island, at a salary of \$300 per annum.

By Order in Council of the 3rd October last, Mr. Benjamin Jones was appointed keeper of the lighthouse at Manitowaning, Algoma, at a salary of \$150 per annum.

By Order in Council of 12th October last, Mr. H. E. Plunkett was appointed keeper of the lighthouse at Swampy Island, Lake Winnipeg, Manitoba, at a salary of \$350 per annum.

By Order in Council of the 19th October, Mr. Charles Tizard was appointed keeper of the lighthouse at Hope Island, at a salary of \$450 per annum.

By Order in Council of the 19th October last, Mr. Henry Joseph Cartier was appointed keeper of the lighthouse at River Thames, at a salary of \$425 per annum, in the room of Thomas Cartier, deceased.

By Order in Council of the 27th October last, Mr. John McKay was appointed keeper of the lighthouse at Lyal Island, at a salary of \$450 per annum.

By Order in Council of the 24th November last, Mr. Arthur K. Nesbitt was appointed keeper of the lighthouse at Cape Robert, Algoma, at a salary of \$350 per annum.

By Order in Council of the 24th November last, Mr. Evan Rains was appointed keeper of the lighthouse at Shoal Point, Algoma, at a salary of \$250 per annum.

By Departmental Letter of the 23rd February last, Mr. Godfrey Ouellette was appointed temporarily keeper of the light at Buckom's Point, Deschênes Lake, at a salary of \$100 per annum.

The total cost of maintaining the lights, light vessels, fog-bells, buoys and beacons in the Ontario Division, including the Manitoba lights and lightship for the last fiscal year was \$70,788.27, and the expenditure for construction of lights during the same period was \$18,447.34.

#### QUEBEC LIGHTHOUSE DIVISION.

This division comprises the lighthouses and lightships below Montreal, on the River St. Lawrence, and on the Richelieu River and Lake Memphremagog, as well as all the lighthouses, lightships, steam fog-whistles, buoys and beacons in the River and Gulf of St. Lawrence below Quebec, the Straits of Belle Isle, and on the north-west coast of Newfoundland. This important division is under the charge of Mr. J. U. Gregory, Agent of this Department at Quebec, who has also under his superintendence several of the Dominion steamers, the Quebec River Police Force and the Fisheries Protection Service.

At the close of navigation there were in this division 148 fixed and revolving lights; 8 lightships, three of which are supplied with steam fog-whistles; 7 steam fog-whistles or horns, 10 fog-guns, 91 buoys, 59 beacons, and 9 life canoes for service amongst the ice.

The light service between Montreal and Quebec, and in the River St. Lawrence between Quebec and Point des Monts, was performed during the past season by the steamer "Druid," under the superintendence of Mr. William Barbour, Inspector o

Lights for this division; and from Point des Monts to the Straits of Belle Isle by the steamer "Napoleon III.," also under the supervision of Mr. Barbour. A number of the light stations were also visited by the agent.

The following is a synopsis of the principal repairs and improvements effected at the lighthouse stations in this division during the past season.

*North of Half-way Point.*

Repairs and alterations have been made at this station, the distance between the lights and the difference between the heights increased to make the range more efficient.

*Ash and Bloody Islands.*

At the former island a breakwater has been built as a protection to the light, and at the latter a new crib has been built to replace that destroyed by the ice. These works, together with those of North of Half-way Point, were carried out under contract by Mr. James Sheridan, of Montreal, for the sum of \$1,940.

*Isle à la Bague.*

A new tower and pier were constructed at this station.

*Isle Ste. Thérèse.*

The two upper range lights at this station were removed during the past season, under a contract entered into with Mr. John Black, of Hull, for the sum of \$3,150. The removing involved the building of two piers to receive the light buildings. The back tower has been moved 700 feet from its former position, and the light shown from it on the pier is now 54 feet above the ordinary summer level of the river. The front range light has been removed from Isle Ste. Thérèse, and is now located upon a low islet further up stream, known as Isle aux Vaches. It is now distant 5,900 feet from the back light. The new tower is a small hexagonal wooden building, and stands upon a timber work pier, showing a light at an elevation of 29 feet above water.

*Isle de Grâce.*

At this station a new foundation was made for lighthouse.

*Isle à la Pierre.*

Damages by the ice to the tower and oil shed were duly repaired

*Grondines Range.*

The large tower at this station was supplied with a new lantern.

*L'Islet Richelieu.*

Tower at this station painted and the top tinned.



*Lotbinière.*

A new foundation supplied to the tower at this station.

*Belle Isle.*

The upper tower of this station repaired and the lower tower painted.

*Crane Island.*

A contract has been entered into with Mr. Miville Deschênes, of Rivière Ouelle, to build a new lighthouse, and also a dwelling house, at this station. Contract price for both, \$1,795. Considerable progress has been made with the lighthouse, and it is expected that both buildings will be completed early next season.

*Cape Bauld.*

The light and fog-whistle at this station were put in operation on the 15th August last, and the tower and outbuildings completed in October last. The amount expended on this lighthouse and fog-whistle, up to 30th June last, was \$8,675.77.

*Cape Norman.*

The tower and dwelling sheathed and clapboarded, and a wharf built for the better landing of supplies.

*Cape Ray*

Tower at this station re-clapboarded and put in good order.

*Kamouraska.*

A boat slip built at this station and other necessary repairs effected.

*Lower Traverse Lightship.*

Considerable repairs to engine and boiler effected before placed at station on opening of navigation.

*Matane.*

Owing to the action of the sea on the bank, it was found necessary, for the safety of the tower, to remove it further inland.

*Cape Chatte.*

The tower at this station was also removed from the edge of the cliff for safety.

*Point Rich.*

Extensive repairs made at this station to the lighthouse, and the building re-clapboarded and painted.

*South Point, Anticosti.*

A breakwater has been erected at this station, to protect the lighthouse from the inroads of the sea.

*South West Point, Anticosti.*

The tower re-clapboarded, repaired and painted.

*Grand River, Gaspé.*

The new lighthouse at this station, to which reference was made in the report of last year, is in course of erection, and it is expected that it will be completed early next season. The contract is being carried out by Mr. J. O. Boucher, for \$950.

It was deemed advisable during the past season to mark the dangerous shoal in the Traverse, Lower St. Lawrence, with one of the Pintsch gas and bell-buoys, which have been in use for some time past, both in the United Kingdom and the United States, and also to place another of these buoys on the Pilgrim Shoal. These buoys were delivered under contract at Quebec by the Pintsch Patent Lighting Company of London, complete in every respect and charged with compressed oil gas for 90 days' burning, for £750 sterling each. The buoys were placed at their stations on the 27th September last, but it was found necessary to withdraw them on the 15th October, owing to defects in the gas pipe, caused by breakage. Gas works for the manufacture of gas for these buoys are in course of erection at Quebec. The whole of the machinery and apparatus for these works, with high pressure store holder, was supplied under contract by the Pintsch Lighting Company at a cost of £700 sterling.

The following changes have taken place in the keepership of the lights in this division since the date of my last report, viz. :—

By Order in Council of the 24th March last, Mr. Thomas D. Bond was appointed keeper of the lighthouse on Plateau Rock, at a salary of \$350, in the room of Benjamin Asselin, resigned.

By Order in Council of the 1st April, Mr. Louis Marceau was appointed keeper of the St. Francis lights, east end Island of Orleans, at a salary of \$75 per annum, in the room of Joseph Marceau, resigned.

By Order in Council of the 3rd April last, Mr. Louis Boisvert was appointed keeper of the upper range lights at Grondines, at a salary of \$100 per annum, in the room of Epiphane Trottier, deceased.

By Order in Council of the 19th October last, Mr. E. H. Rennie was appointed keeper and engineer of the lighthouse and fog-whistle at Cape Ray, Nfld., at a salary of \$800 per annum, in the room of Robert Rennie, superannuated.

The total amount expended for the maintenance of lights, lightships, provision depôts, buoys and beacons, and fog-whistles in this division during the year ended 30th June last, amounted to \$117,248.78.

The sum of \$3,168.48 was expended on construction of lights during the same period.

#### NOVA SCOTIA LIGHTHOUSE DIVISION.

This division, in charge of Mr. H. W. Johnston, Agent of the Department for the Province, includes, at this date, 144 lighthouse, exhibiting 156 lights, 1 light vessel, 12 steam fog-alarms, 6 hand fog-alarm stations, 2 fog bells, 3 signal gun stations, 7 automatic signal buoys, 5 iron bell buoys, 71 iron can buoys, about 420 spar and other small buoys, 7 stationary beacons, 7 life boat stations, 3 humane establishments, 4 signal stations.

At the opening of navigation, the Government steamer "Newfield" was at once employed in placing in their respective positions the eastern coast buoys—whence she proceeded to Sable Island with supplies. She was subsequently employed in supplying the lights in this division, and in repairing the telegraph cable between Magdalen Islands and Cape North.

The work of coaling the fog-alarm stations was performed by schooners chartered for the purpose. The coal for the Bay of Fundy and most of the western stations was procured from the Joggins mines, that for the eastern stations from the Gowrie mines, and that for Sambro and Shelburne, from the Acadia mines.

The light stations were inspected by Mr. C. A. Hutchins, the Inspector of Lights.

The steam fog-alarm stations were also visited by the inspector, accompanied by Mr. Warren, the chief engineer of the "Newfield," who made a careful examination of the machinery and boilers.

#### *Abbot Harbour.*

New lights put in operation this year: Abbot Harbour, on the south extremity of Abbot Island, Yarmouth County, to guide into Abbot Harbour. The light is fixed white dioptric, exhibited from a lantern hoisted on a mast. It is elevated 40 feet above high water mark, and should be visible eight miles from all points of approach.

#### *Advocate Harbour, Cumberland County.*

A new lighthouse was erected this year on the north-west side of the entrance to the harbour, under contract, by Mr. Sydney Smith, for the sum of \$1,000, and was put in operation on the 1st August. The light is fixed red, elevated 36 feet above high water mark, and should be visible all around the horizon, a distance of seven miles. The illuminating apparatus is dioptric of the 6th order. The building is a square wooden tower, 27 feet high, painted white, and stands on a small crib on the bar. The light is intended for a coast light, and to indicate the entrance to the harbour over the bar.

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*Lennox Passage and St. Peter's Inlet Beacon Lights.*

The yearly increasing traffic since the opening of the St. Peter's Canal, and especially the increasing number of steamers carrying passengers and mails between Port Mulgrave and Sydney through the canal, having rendered the establishment of lights a necessity for the safe navigation of this route at night, the erection of pole lights to mark the principal turning points was ordered. This work was completed in the early part of the summer, and the lights were put in operation on the 5th August.

Each light is fixed red, shown from a small dioptric lantern, hoisted on a mast 25 feet high, with a shed at its base painted white, and should be visible five miles. They are located as follows in Lennox Passage: One on Glasgow Point, one on Seal Island, or Dog Island, one on Grand Digue Beach. In St. Peter's Inlet: One on Marjorie's Isle, or Gooseberry Island (off Sandy's Point), one on S. E. point of Beaver Island, one on west point of Freestone or Gregory Island.

At Seal Island and Freestone Island, respectively, there has been erected, in addition, a shelter shed 12 x 16 feet, for the accommodation of the keeper, as these two stations are remote from habitations.

*McNeil's Beach.*

A beacon light similar to those placed in Lennox passage has been erected on McNeil's beach, on the north side of Boularderie Island, in Victoria County, Cape Breton, and was put in operation on 5th August last. The light, which is fixed red, is shown from a small dioptric lantern, hoisted on a pole 25 feet high, with a shed painted white at its base. The light is elevated 33 feet above high water mark, and should be visible 8 miles from all points seaward. The light is intended for the guidance of vessels navigating the Great Bras d'Or.

*Whycocomagh.*

A pole light has been erected on Fraser's Point, in St. Patrick's Channel. Owing to a difficulty in obtaining a deed of the land from the owner, this light will not be put in operation till next spring. The light, which is fixed red, is shown from a small dioptric lantern, hoisted on a pole 25 feet high, with a shed painted white at its base. The light is elevated 31 feet above high water mark, and should be seen 7 miles. It is intended for the guidance of vessels navigating the head waters of St. Patrick's Channel as far as Whycocomagh.

*Piper's Cove.*

A lighthouse has been erected on the western end of Derby Point, near Piper's Cove, in the Grand Narrows, Bras d'Or Lake, in the County of Cape Breton, and was put in operation on the 1st October. This lighthouse was erected, together with an oil store, under contract, by Mr. James Macdougall, for the sum of \$718.

The light is fixed red, elevated 77 feet above high water mark, and visible 11 miles from all points seaward. The illuminating apparatus is dioptric of the sixth order. The tower is a square wooden building, 38 feet high from the ground to the lantern vane, and is painted white. This light is to guide vessels to the Grand Narrows, on Bara Strait from the westward.

*Mabou Range Lights.*

Two range lights were erected at the entrance to Mabou Harbour, in the County of Inverness, Cape Breton, and were put in operation on the 15th July. Each of them is shown from a small dioptric lantern, hoisted on a mast, with a shed painted white at its base. The outer or front light is fixed white, and stands on the outer end of the breakwater pier, on the south-west side of the dredged channel. It is elevated 25 feet above high water mark, and should be visible 9 miles from all points seaward.

The inner light is fixed red, and is distant 3,000 feet from the front one. It stands on the shore at McFayden's Wharf, is elevated 30 feet above water, and should be visible 7 miles. The two lights in range lead directly into the harbour, through the dredged channel, past the pier or breakwater.

*Maitland or Green Cove.*

A beacon light has been established on the outer end of the pier or breakwater at Maitland, on the south side of St. Mary's Bay, in the County of Yarmouth, N.S., for the guidance of vessels and fishing boats seeking the harbour. The light is fixed white, shown from a dioptric lantern, hoisted on a mast 25 feet high, with a shed painted white at its base, and is visible 9 miles from all points seaward. This light was put in operation on the 15th August.

During the past year a steam fog alarm has been erected by Mr. Henry Watt, of Halifax, on McNutt's Island, Shelburne County, near the lighthouse, and was put in operation on the 15th March last.

The alarm is operated by air through a reed trumpet known as the "Neptune fog-horn," which, in thick weather sounds a blast of 10 seconds' duration with intervals of 110 seconds between the blasts. The building also contains a brick tank of 6,400 gallons capacity, into which the water is pumped through pipes leading from a reservoir built about 100 yards from the engine room. A coal shed of 80 tons capacity adjoins the building. An additional coal shed has also been erected at Windlass Cove, about three-fourths of a mile from the station, and a tramway and winch have been fitted, for the purpose of conveying coal and supplies from the beach to the top of the bank, where they are provisionally stored, and hauled to the station when opportunity offers over a new road which has been made during the past year from the Cove to the lighthouse.

During the past year a fog-bell has been attached to the light station on Bunker's Island in Yarmouth Harbour.

*Pilley's Mechanical Hand Fog Alarms.*

One of the above very effective hand fog-alarms has been placed at each of the following light stations, viz.: Jerome Point, Egg Island, Barrington Lightship, Pease's Island, Gull Rock and Cape North.

Repairs and improvements have been made at the different light stations as follows, viz. :—

*Jeddore Rock.*

The stone wall foundation pointed with cement all around, and the landing slip-carried away last fall during the heavy gales repaired.

*Sheet Rock.*

A boat house built during the past season.

*Beaver Island.*

A boat slip built.

*Country Harbour.*

The stone foundation of this lighthouse was taken down and rebuilt with cement mortar, the wall extended farther out all around, in order that the sill might rest more in the centre of the wall. A water table was provided to shed the rainwater clear of the wall. The building was stripped, all decayed wood removed and replaced with sound wood and the building shingled. An addition was also made to the dwelling for the accommodation of the keeper and his family. A new set of lamps, with oil fountains, was likewise fitted up.

*Cranberry Island.*

The boat slip, which had been destroyed by the ice and sea last winter, has been replaced and more securely fastened with iron bolts to the solid rock.

*Pictou Island.*

A new foundation wall under kitchen has been built, and the foundation wall under the tower pointed with cement.

*Amet Island.*

The foundation stone wall surrounding the Island having been very much undermined and fallen away in places, it was deemed advisable to have the wall repaired, and the whole front surrounded with a wooden cribwork, properly secured and ballasted. The work has been performed in a most thorough and substantial manner, and it is hoped will withstand the action of the heavy seas and ice which have hitherto been so destructive to this station.

*Mullen's Point, Wallace.*

The stone wall foundation has been repaired, and galvanized iron rope guys set up in order to steady the building, which was found to shake very much in heavy gales.

Oil stores have been erected at Kidston Island, Grand Narrows and Point Aconi.

*St. Esprit.*

A small breastwork, built of logs filled with stone ballast has been built at this station for the protection of the landing slip.

*Battery Point, Lunenburg.*

This light, being a harbour light, has been changed from a fixed white to a fixed red, in order to distinguish it from shore lights. The change came into operation 1st August.

*Little Hope.*

Iron stays have been fitted, securing the lantern which was found to vibrate dangerously in heavy storms.

*Argyle.*

A road from the landing to the lighthouse, a distance of 400 yards, has been made by the keeper, at a cost of \$28.

*Yarmouth, Cape Fourchu.*

Four sides of the tower were stripped and re-shingled, and also the roof and south end of the dwelling house.

*Church Point.*

The upper part of dwelling never having been finished when the building was erected, this work has been done and two bedrooms partitioned off and plastered, thus affording the necessary additional accommodation for the keeper's family.

*Meteghan.*

The lighthouse has been moved out to the end of the new addition made to the pier last year, a distance of about 80 feet.

Tenders were invited during the past season for the construction of a break-water at Hobson's Nose, extending from the slip to the embankment, a distance of 75 feet. Mr. Abraham Zinck has agreed to do the work for the sum of \$285.

*Parrsboro.*

Since the last report, considerable repairs have been effected at this station. The dwelling and outbuildings have been re-shingled, the deck around lantern repaired and covered with zinc, and the verandah and steps around dwelling and tower

repaired. The western end of breakwater, extending from the lighthouse to the mainland, and which forms the protection to the harbour on that side, has been considerably damaged by storms within the past year, and will require to be rebuilt in a more substantial manner.

*Sable Island.*

Extensive repairs have been made this year to the east end lighthouse at Sable Island. The keeper having reported the tower to be leaking at the sides, and the discovery of decayed places in the timbers and planking, a more thorough examination was made in June last by the inspector, accompanied by Mr. Jacob Bowser, builder, of Halifax. The result was such as to render the stripping of the outside of the building expedient, in order that all the decayed parts might be made good. Accordingly men and materials were sent down, and the work of repairs performed under the superintendence of Mr. Bowser. After having finished the work at the east end light, Mr. Bowser effected necessary repairs at the other stations on the Island.

The fog-alarm stations also received necessary repairs. At Scatterie, the centre joint of boiler was repaired by placing soft patches over seams and rivets.

At Sambro, the condensing boiler, which leaked, was chipped and caulked and soft patched where required. The operating boiler was covered with felt and canvas.

At Cross Island, a set of new tubes was furnished and put in boiler, and other minor repairs effected.

At Cape Sable, a new set of tubes was furnished to boiler.

At Cape Forchu, an extension to coal shed has been built, in order to provide necessary inside storage accommodation for the coals required at this station. The stone wall at back of engine room and reservoir, which had been deranged by the sea during the gales of last winter, was also repaired. An iron band has been fitted around the reservoir as an additional security.

Repairs to engine and boiler have also been made.

A Judson governor has been fitted to engine to regulate the blasts.

At Brier Island, 600 feet of iron pipe was furnished, for the purpose of conveying the water from tank to whistle house.

At Point Prim, a patch on boiler renewed, seams chipped and caulked and legs repaired.

Tenders have been invited for the erection of a lighthouse, with keeper's dwelling attached, on Westhaver's Point, Hubbard's Cove, Lunenburg County, for the guidance of vessels navigating St. Margaret's Bay and seeking an anchorage in Hubbard's Cove, and the contract has been awarded to Mr. C. Albert Smith for the sum of \$1,435.



Tenders have also been invited for the erection of a lighthouse at Margaree Harbour, in the County of Inverness, Cape Breton, and one at Shafner's Point, on the north shore of the Annapolis River. The contract at Margaree Harbour has been awarded to Mr. Duncan McFarlane, for the sum of \$254, and that at Shafner's Point to Mr. John Wagstaff for, \$900.

It is also proposed to erect a lighthouse during the next year at Cape Sharp, in Cumberland County, and a pole light on Shipley's Head, or Tenant Point, for the purpose of guiding vessels seeking an anchorage in Terence Bay, Halifax County, west.

The following changes have occurred in the keepership, &c., of the lights in this division, since the date of my last report, viz. :—

By Order in Council of the 18th February last, Mr. C. A. Hutchins was appointed Inspector of Lights, at a salary of \$1,200 per annum, in the room of the late Lieut. Browne, R. N.

By Order in Council of the 15th February last, Mr. Uriah Young was appointed keeper of the lighthouse at Chester, at a salary of \$400, in the room of Mr. Edward Young, deceased.

By Order in Council of the 15th February last, Mr. Wm. Whalen was appointed keeper of the lighthouse at Quaker Island, at a salary of \$300 per annum.

By Order in Council of the 10th March last, Mr. John Prescott Mosher has been appointed keeper of the lighthouse at Burntcoat, at a salary of \$250 per annum, in room of Mr. Wm. Falkner, deceased.

By Order in Council of the 19th April last, Mr. Joseph Edward Bancroft has been appointed keeper of the lighthouse on Brier Island, at a salary of \$400 per annum, in the room of Mr. Joseph Suthern, deceased.

By Order in Council of the 19th April last, Mr. Moses G. Scott has been appointed keeper of the lighthouse at Guysboro', at a salary of \$220 per annum, in the room of Mr. Godfrey S. Peart, deceased.

By Order in Council of the 8th May last, Mr. George Sterling Livingstone has been appointed keeper of the new lighthouse at Advocate Harbour, at a salary of \$150 per annum.

By Order in Council of the 27th June last, Mr. John McFarlane has been appointed keeper of the lighthouse at Margaree or Sea Wolf Island, at a salary of \$400 per annum, in the room of Mr. Farquhar McRae, resigned.

By Order in Council of the 29th August last, Mr. Edward Alexander McNeil has been appointed keeper of the new lighthouse at Piper's Cove, at a salary of \$100 per annum.

By Order in Council of the 11th September last, Mr. Murdoch Matheson has been appointed keeper of the pole light at Whycomagh, at a salary of \$60 per annum.

By Departmental letter of the 31st May last, Mr. Allan McLean was appointed keeper of the Mabou range lights, at a salary of \$50 per annum.

By Departmental letter of the 31st May last, Mr. John McDonald was appointed keeper of one of Mabou range lights, at a salary of \$50 per annum.

By Departmental letter of the 4th July last, Mr. Laughlin Morrison has been appointed keeper of the pole light at Freestone Island, at a salary of \$150 per annum.

By Departmental letter of the 4th July last, Mr. Daniel Clough has been appointed keeper of the pole light at Grand Digue, at a salary \$60 per annum.

By Departmental letter of the 4th July last, Mr. Charles Forest has been appointed keeper of the pole light at Glasgow Point, at a salary of \$60 per annum.

By Departmental letter of the 4th July last, Mr. Norman McDonald has been appointed keeper of the pole light at Marjorie's Isle, at a salary of \$80 per annum.

By Departmental letter of the 4th July last, Mr. Simon Joyce has been appointed keeper of the pole light at Seal Island, at a salary of \$80 per annum.

By Departmental letter of the 4th July last, Mr. James D. Corbett has been appointed keeper of the pole light at South Beaver Island, at a salary of \$80 per annum.

Mr. Lauchlin McNeill was placed in charge of the light on McNeill's Beach, from the 6th August.

The total cost of maintenance of the lights, steam fog-whistles, &c., in the Province of Nova Scotia, including humane establishments at Sable Island, St. Paul and Scatterie, for the last fiscal year, amounted to \$141,907.53, and the amount expended during the same period on construction of lights was \$12,489.35.

#### NEW BRUNSWICK LIGHTHOUSE DIVISION.

This division comprises all the lighthouses, fogwhistles, buoys and beacons on the coasts and rivers of the Province of New Brunswick, and is under the charge of Mr. J. H. Harding, Agent of this Department at St. John, N. B. In this division there were, at the close of navigation, 99 light-houses, including 2 light-ships, and 12 fog-whistles, under the charge of 82 light-keepers and engineers.

During the past year new lights have been established as follows:—

A beacon light at Little Belledune Point, in the Bay des Chaleurs, in the County of Restigouche. A fixed white dioptric light is shown, elevated 38 feet above

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high water mark and visible 11 miles from all points seaward. The lantern is hoisted on a mast 28 feet high, which has a white shed at its base.

A beacon light on the public wharf known as Palmer's Landing on the River St. John, King's County. This is a fixed white light shown from a tubular lantern hoisted on a mast. It is elevated 37 feet above high water and should be visible for a distance of five miles. It is intended to show the position of the end of the pier and to guide through the channel of the Belle Isle Bay. The mast 25 feet high is set back 35 feet from the front of the pier and has a shed painted white at its base.

A fixed red dioptric light on the Lime Kiln Bank, on the north side of the Miramichi River, below the town of Newcastle, in the County of Northumberland. This light is elevated 87 feet above high water mark and should be visible 9 miles. The building is a square wooden tower, 23 feet high from ground to top of roof, painted white with red roof.

A fixed red dioptric light on the south side of the Lower Jemseg entrance, on the River St. John, in Queen's County. This light is shown from a lantern hoisted on a mast and is elevated 34 feet above the ordinary level of water and should be visible 3 miles. The mast is 21 feet high and at its base is a shed painted white. It stands upon a timber pier built 30 feet back from the water's edge. This light is intended to guide vessels navigating the River St. John through the channel at the entrance to the Jemseg, and is a short distance above No Man's Friend light.

A beacon light on the wharf at Williams' Landing on the south-east side of the River St. John, in King's County. This light is fixed white, shown from a tubular lantern hoisted on a mast, and is elevated 30 feet above the ordinary level of the river, and should be visible from all points of approach 10 miles. The mast is set back 42 feet from the front of the wharf. The light is intended to show the position of the end of the wharf and to guide up and down the Long Reach.

During the past season tenders were invited for the construction of a fog alarm building and engineer's dwelling at Martin Head, on the north shore of the Bay of Fundy, in the County of St. John, and the contract awarded to Mr. Thomas B. Carson, of Quaco, at \$3,330. The work is in progress at present, and will be completed next spring. An improved Champion fog horn has been procured for this station, at a cost of \$2,169.60.

The lighthouse on Mulholland's Point, on the southern end of Campobello Island, opposite the Lubec Narrows, has lately been completed and the light will shortly be exhibited. The contract for this lighthouse was awarded to Mr. Angus Fisher, of St. George, at \$790.

Tenders were also invited for a new dwelling for the engineer of the fog alarm at Head Harbour, on the Island of Campobello, Bay of Fundy, and the contract awarded to Mr. Angus Fisher, at \$1,100. This work is almost completed.

In addition to ordinary maintenance, the following repairs and improvements have been effected during the past year:—

*Beacon Light, St. John Harbour.*

The top work being badly decayed, it was found necessary to take down the top of the block to high water mark and rebuild it. This has been carried out at considerable cost.

*Cape Enrage Fog Alarm.*

The water tank at this station and engine house were repaired during the past season.

*East Head Musquash.*

The lighthouse at this station was painted and repaired.

*Grindstone Island.*

The fog-trumpet and machinery were thoroughly overhauled and repaired.

*Gannet Rock Light Station.*

Extensive repairs were carried out. The wharf on the north side was rebuilt with heavy timber and a better landing arranged; a large derrick was built on the wharf and an iron derrick erected on the east side to discharge supplies. An iron frame for the house of refuge was also erected and the foundation prepared.

*Head Harbour.*

A new boiler was supplied for the fog-alarm and considerable repairs effected at the light station.

*Machias Seal Island.*

Boiler of the fog-whistle repaired and new lamp supplied to the towers, which have added largely to the efficiency of the light.

*McMann's Point.*

New sills and flooring supplied to lighthouse.

*Oromocto Shoals.*

A new lantern erected and foundations of lighthouse repaired and strengthened.

*Point Lepreau.*

A new lantern and lighting apparatus supplied to this station and a new boiler for the fog-whistle. Complaint has been made that the fog-whistle is misleading, owing to its position, and it is proposed, next season, to remove it to the extreme end of the point. An automatic buoy has been placed off this point, in the interests of navigation.

*Quaco.*

A block has been built at this station to facilitate the landing of supplies.

*Swallow Tail.*

Lighthouse repaired, new roof placed on dwelling, buildings painted and brick tank built under dwelling.

*Southern Wolf.*

A derrick and landing platform erected at this station for landing supplies.

*North Head Grand Manan.*

Considerable improvements effected at this station. A new boiler supplied for fog-alarm, engine house enlarged and lined inside with brick, the two boilers connected, the chimney lengthened and new whistles supplied to the boilers.

*Partridge Island.*

Extensive improvements at this station in connection with placing a new boiler, lighthouse painted and lantern repaired.

*Preston's Beach.*

New lanterns supplied the beacon lights and repairs and painting effected.

*Escuminac Point.*

Considerable repairs made to the road leading over the barren to the lighthouse.

*Bay du Vin.*

A small dwelling erected at this station, at a cost of \$300.

*Middle Island.*

This station thoroughly repaired and painted.

*Neguac Gully.*

A dwelling house for keeper erected at this station.

*Tabusintac.*

The building repaired and painted during the past year.

*Dalhousie Beacons.*

Owing to the erection of a freight shed by the railway authorities, it has been found necessary to remove and add to the height of the beacons.

*Pokemouche.*

A beacon light, to range with the main light, was erected during past season.

An appropriation was made by Parliament, at its late Session, for the erection of a light at Clifton breakwater, in the County of Gloucester. Tenders have recently been invited, and the contract awarded to Mr. Richard Peters, at \$620.

The bell buoy moored off Partridge Island, which has done good service for many years, has been rebuilt and put in efficient condition.

The following changes have occurred in the keepership of the lights in this division since the date of my last report, viz. :—

By Order in Council of the 21st June last, Mr. Henry Bélonie Robichaud was appointed keeper of the Buctouche range lights, at a salary of \$150 per annum, in the room of Mr. Thadée B. Robichaud, resigned.

By Order in Council of the 21st June last, Mr. Beverley Emerson Palmer was appointed keeper of the lighthouse at Palmer's Point, at a salary of \$30 per annum.

By Order in Council of the 21st June last, Mr. Wm. Roherty was appointed keeper of the Belledune River light, at a salary of \$100 per annum.

By Order in Council of the 30th June last, Mr. Wm. Merry was appointed keeper of the lighthouse at Newcastle, at a salary of \$150 per annum.

By Order in Council of the 29th August last, Mr. George W. Thomas was appointed keeper of the lighthouse at Point Lepreau, at a salary of \$400 per annum in the room of Mr. George Thomas, deceased.

By Order in Council of the 24th November last, Mr. George Nevers was appointed keeper of the lighthouse at Jemseg, at a salary of \$80 per annum.

By Order in Council of the 24th November last, Mr. George Adie Briggs was appointed engineer of the fog-alarm at Martin Head, at a salary of \$400 per annum.

By Order in Council of the 25th November last, Mr. Robert C. Williams was appointed keeper of the light at Williams' Wharf, at a salary of \$80 per annum.

By Order in Council of the 25th November last, Mr. Charles Brown was appointed keeper of the lighthouse at Quaco, at a salary of \$400 per annum, in the room of Mr. Wm. Love, superannuated.

The total cost of maintaining the lights, fog whistles, buoys and beacons, in the Province of New Brunswick, for the fiscal year, amounted to \$86,670.70, and the amount expended during the same period on construction of lights was \$2,868.70.

#### PRINCE EDWARD ISLAND LIGHTHOUSE DIVISION.

This division is under the charge of Mr. Artemas Lord, who is Agent of the Department at Charlottetown. From the report received, there were in this division, at the close of navigation, 44 lights under the charge of 34 keepers. The majority of these lights being situated on prominent headlands, serve the general purposes of navigation. The remainder are harbour lights, erected chiefly in the interests of fishermen.

The lighthouse at Cape Egmont, to which reference was made in the report of last year, was completed and put in operation in September last. The lighthouse is situated on the extreme point of the Cape, 100 feet from its south and west banks. The light is fixed red [catoptric, placed in an octagonal iron lantern. The centre of the light has an elevation of 72 feet above high water, and should be visible in clear weather 10 miles from all points seaward. The buildings consist of a square white tower, with cottage attached, and an oil house distant about 50 feet. The sum of \$1,585.17 was expended on this lighthouse during the past fiscal year, as will be seen by reference to the accounts.

During the past season the range lights at the entrance to Savage Harbour, in King's County, on the north coast of the Island, to which reference has been made in previous reports, were completed and put in operation. They are shown from fixed white dioptric lanterns, hoisted on poles, and should be visible 5 miles in the line of range. The outer light stands near the water's edge on the inner shore of the harbour, and is elevated 22 feet above high water, The inner light stands 330 feet distant from the outer, and is elevated 30 feet above high water.

During the past winter the lighthouse on the west end of St. Peter's Island, in Hillsborough Bay, on the west side of the entrance to Charlottetown Harbour, was removed and placed on the south side of the Island, about a mile east by south from the old site. On the opening of navigation next season, it is proposed to change the catoptric apparatus to a sixth order dioptric, to show a fixed red light. The light will be 70 feet above high water, and should be visible 10 miles.

The lighthouse at North Rustico was also removed during last winter 510 feet from its former site on the middle of the beach to the north side of the entrance to the harbour. The red light shown from a window below the main light has been discontinued and replaced by a fixed red dioptric light hoisted upon a mast 225 feet from the main light. The old upper light shown from the light building has become the back light of a range, and shows a fixed white light, as heretofore. It is elevated about 40 feet above high water and is visible 8 miles. The front range is elevated 22 feet above high water, and is visible 5 miles.

During the past year it was found necessary to erect a breakwater for the protection of the lighthouse lately established at Indian Point, in Summerside Harbour. The work was satisfactorily carried out under contract by Mr. Ronald Campbell, at a cost of \$3,950.

During the past year a brush and stone foundation has been built under contract at Cove Head, in Queen's County, and extensive repairs have been carried out at Sea Cow Head and Blockhouse Point stations, and the lighting apparatus at North Cape, West Point and Fish Island stations greatly improved.

An appropriation was made by Parliament, at its last Session, for the erection of a fog-alarm at the important light station at East Point, and it is probable that this improvement will be effected next season.

The following changes have occurred in the keepership of the lights in this division since the date of last report, viz.:—

By Order in Council of the 21st July last, Mr. Bruno Perry was appointed keeper of the light at Cape Egmont, at a salary of \$200 per annum.

By Order in Council of the 9th August last, Mr. Charles McAdam was appointed keeper of the lighthouse at Savage Harbour, at a salary of \$100 per annum.

By Order in Council of the 4th September last, Mr. Augustin McDonald was appointed keeper of the lighthouse at Savage Harbour, at a salary of \$100 per annum, Mr. Charles McAdam having declined the appointment.

The total cost of maintaining the lights in the Province of Prince Edward Island for the fiscal year was \$19,059.62, and the expenditure for construction was \$2,158.60.

#### BRITISH COLUMBIA LIGHTHOUSE DIVISION.

This division is under the charge of Mr. Frederick Revely, agent of this Department at Victoria. There are seven lighthouses in this Province and one fog whistle under the charge of seven keepers, who provide the necessary assistants.

The new lighthouse of North Sand Heads of the Fraser River, to which reference was made in the report of last year, was completed and put in operation in May last, and the lightship heretofore maintained at the mouth of the river withdrawn. A fixed white dioptric light of the third order is shown at an elevation of 52 feet above high water, and should be visible 12 miles all around the horizon. The building consists of a hexagonal wooden tower, 49 feet high from its base to the vane on the lantern, supported above water on an iron pile foundation. The light, besides serving as a general coast light, indicates the entrance to the channel of the Fraser River through the Sand Heads. A fog-bell attached to the building is sounded during thick and foggy weather. The sum of \$9,754 was expended on this lighthouse during the past fiscal year, as will be seen by reference to the accounts.

During the past year the water tank, tramway and woodshed at Cape Beale station were rebuilt and the machinery repaired. A brick chimney was also erected at Race Rocks, for the purposes of the fog-whistle, and some necessary repairs effected.

The following changes have occurred in the keepership of the lights in this division since date of last report, viz.:—

By Order in Council of the 19th April last, Mr. Joseph Dare was appointed keeper of the lighthouse at Figgard, at a salary of \$500 per annum, in the room of Mr. Henry Cogan, resigned.



By Order in Council of the 21st July last, Mr. Henry Georgeson was appointed keeper of Plumper Pass lighthouse, at a salary of \$500 per annum.

By Order in Council of the 22nd April last, Mr. John Sproat was appointed keeper of the lighthouse at Sand Heads, Fraser River, at a salary of \$800 per annum. Mr. Sproat having declined the appointment, the light was placed in temporary charge of Mr. Hugh H. Fraser, who, together with his assistant, Mr. Frederick Williams, was unfortunately drowned.

#### OIL.

A contract was entered into last February with the Imperial Oil Company, of London, Ont., for the supply of the oil required for the purposes of the lights, at the following rates, viz. : 22½ cents per gallon delivered at Halifax and St. John; 22 cents delivered at Quebec, 21 cents at Montreal, and 20 cents delivered at Hamilton and Goderich. The oil is required to be of the best quality of double distilled, standard white, extra refined petroleum, free from acid or other impurities; to weigh, at 62° Fahr., not less than 7.85 lbs., nor more than 8.02 lbs. per gallon; to withstand a flash test of 115° Fahr.; and in all other respects to comply with the provisions of the Petroleum Inspection Act of 1880.

The quantity of oil supplied to the lights above Montreal during the past fiscal year was 19,001 gallons; to the lights in the Quebec district, 22,176 gallons; to the lights in the Nova Scotia district, 35,117 gallons; to the lights in the New Brunswick district, 13,182 gallons; and to the lights in the Prince Edward Island district, 5,265 gallons—making, in all, 94,741 gallons.

#### DOMINION STEAMERS.

The steamers under the control of this Department consist of the screw steamer "Napoleon III.," the "Druid," paddle wheel; the "Newfield," screw; the "Sir James Douglas," screw; the "Northern Light," screw; the "Lansdowne," screw; the "La Canadienne," now transferred to the Department of Fisheries; and the small steam launch "Dolphin," employed at Quebec in connection with the river police service.

Reference was made, in the report of last year, to the loss of the new steamer "Princess Louise," near Point Prim, a few days after being launched, while being towed to Halifax. Tenders for the construction of another vessel were duly invited, and the contract awarded to Mr. Jotham O'Brien, of Maccan, N.S., for the sum of \$34,300. The engines and boilers were supplied, under contract, by Messrs. Rankin and Blackmore, of Greenock, Scotland, for the steamer "Princess Louise," at £4,760 sterling. The vessel was completed, to the satisfaction of the Department, and launched on the 4th November last, and has since been employed in the lighthouse and coast service of Nova Scotia, as the "Newfield" has been laid up for repairs. The

dimensions of this vessel are as follows: length, 188·6 feet; breadth, 32·1 feet; depth, 15·8 feet. Gross tonnage, 680·31 tons, and registered tonnage, 462·62 tons.

The steamer "Napoleon III." was employed during the past season in supplying the lights in the lower St. Lawrence, and made three trips for this purpose, one in June, another in July and August, and another in October. She also supplied the lights on the north shore of New Brunswick; and at the close of navigation was employed for a short season as a lightship in the Traverse.

The steamer "Druid" was employed in supplying the lights between Quebec and Montreal, and some of the lights between Quebec and the Bay des Chaleurs, and in attending to the buoy service in the upper and lower St. Lawrence.

This vessel is old, and requires new boilers and engines, and also extensive repairs to her hull, to put her in good condition, and the question of repairs is under consideration.

The steamer "Newfield" was employed as usual, during the past season, in attending the buoy and light service in Nova Scotia, and also in serving lights in the Bay of Fundy, New Brunswick. She was also employed in repairing the telegraph cable between Magdalen Islands and Cape North, and in assisting in saving cargo of SS. "Amsterdam," wrecked at Sable Island.

This vessel is at present undergoing extensive repairs. A new boiler is being supplied, under contract, by Mr. John Patterson, of Halifax, at \$5,480.

The steamer "Sir James Douglas," stationed at Victoria, B.C., was employed in attending light stations, buoys and beacons, and occasionally in special service for other Departments. She was also employed in laying the Clover Point and Dun-geness cable.

The "Northern Light" is employed in maintaining winter communication between Prince Edward Island and the mainland during the winter season. She was employed from the 2nd November, 1883, in performing the usual mail service, owing to the withdrawal of the boats of the Prince Edward Island Steam Navigation Company, and made three trips a week from Charlottetown to Pictou, until the 17th December, 1883, when she began the winter service between Georgetown and Pictou. Forty-two round trips were made from 2nd November, 1883, to 16th January, 1884, when obliged to discontinue owing to the ice. On the 16th March she succeeded in breaking out of Georgetown Harbour, and continued to make regular trips up to the 23rd May, when her services were no longer required. In July last it was found necessary to place her on the marine slip at Pictou for repairs. The earnings of this vessel for the last fiscal year amounted to \$6,206.10.

The amount expended during the fiscal year ended 30th June last, as will be seen by reference to Appendix No. 9, for the maintenance of "Napoleon III." was \$26,384.42, of the "Druid" \$16,634.71, of the "Newfield" \$25,726.60, of the "Sir

James Douglas" \$16,111.83, of the "Northern Light" \$19,539.52, and of the "La Canadienne" \$19,935.53,—making a total expenditure of \$124,332.61.

#### HARBOUR POLICE.

A police force has been established for a number of years past at the harbours of Montreal and Quebec, for the purpose of keeping order among the shipping and restraining crimping, and a tax of 3 cents per ton for its support was levied, under the provisions of the Act 31 Vic., chap. 62, on all vessels arriving at these ports, vessels of 100 tons and under being required to pay the tax once in each year, and vessels of more than 100 tons twice in each year. This Act was repealed by the Act 45 Vic., chap. 48, which provided for the establishment of the force at Montreal and Quebec, and the appointment of superintendents and constables. The duty, which remains as under the former Act, is required to be levied on all vessels, whether sea-going or inland, whether entering at Quebec or Montreal.

##### *Quebec.*

The River Police Force at Quebec, under charge of Mr. B. Trudel, was sworn in for duty, as customary, on 1st May last, and constituted as follows, viz.:—The Chief Constable, who is also Shipping Master, at a salary of \$1,500 for the joint offices; a Deputy Chief Constable, at \$2.40 per diem; five Coxswains, each at \$1.90 per diem; twenty-six Constables, at 1.50 per diem, and two Engineers, at \$50 each per month; making in all thirty-five.

From the statements appended to the annual report of the Chief, which appear in the Supplement to this Report, it will be seen that 577 arrests were made by the force during the past season at the port of Quebec, of which 181 were for desertion, and 1,381 seamen received care and assistance from the force.

The total amount expended in connection with the maintenance of the Quebec River Police Force, for the fiscal year ended 30th June, 1884, was \$22,958.79, while the dues collected during the same period amounted to \$18,441.12, showing a deficiency of \$4,517.67.

A detailed statement of this service, showing the amount paid for maintenance the force, police steamer and contingencies, will be found in Appendix No. 15, to this Report.

##### *Montreal.*

From the report of Mr. H. St. A. Ormond, Inspector of the Harbour Police Force of Montreal, who also holds the position of Agent of the Department, the force, as constituted during the last season, consisted of one Chief Constable, with a salary of \$3 per diem; three Sergeants, at \$1.90 each per diem, and thirty Constables, at \$1.50 each per diem, making a total, including the Inspector of thirty-five. The Inspector and Agent receives a salary of \$1,400. An increase of four men was made to the

Force in the month of August, as it was found that the existing force was unable to give the necessary protection required by the shipping visiting the port.

From the returns transmitted by the Inspector, it appears that 871 persons were arrested by the force at Montreal, during the past fiscal year.

The total expenditure on account of this service at Montreal, during the fiscal year, amounted to \$19,021.93, and the Harbour Police dues collected to \$10,056.13, showing an excess of expenditure over receipts of \$8,965.80.

The total amount expended during the past fiscal year, at Quebec and Montreal, on account of Harbour Police Service, was \$41,980.72, and the amount collected was \$28,497.25, showing an excess of expenditure over receipts of \$13,483.47. The collections of the past year exceeded those of the preceding year by the sum of \$137.23, and the expenditure was \$3,662.07 in excess of that of the preceding year.

The receipts and expenditure on account of this service during the past fifteen years are as follows, viz. :—

|  | Receipts.    | Disbursements. |
|--|--------------|----------------|
| For fiscal year ended 30th June, 1870..... | \$ 23,996 68 | \$ 18,461 83   |
| do do 1871.....                            | 21,235 06    | 17,400 73      |
| do do 1872.....                            | 27,215 80    | 20,348 00      |
| do do 1873.....                            | 26,618 50    | 32,653 87      |
| do do 1874.....                            | 28,650 39    | 38,897 52      |
| do do 1875.....                            | 25,620 09    | 37,895 00      |
| do do 1876.....                            | 26,499 09    | 41,222 68      |
| do do 1877.....                            | 28,598 10    | 35,006 37      |
| do do 1878.....                            | 26,702 43    | 37,560 14      |
| do do 1879.....                            | 21,464 97    | 36,486 50      |
| do do 1880.....                            | 21,510 15    | 35,225 54      |
| do do 1881.....                            | 27,375 09    | 35,451 07      |
| do do 1882.....                            | 21,420 33    | 42,316 56      |
| do do 1883.....                            | 28,060 02    | 38,318 65      |
| do do 1884.....                            | 28,497 25    | 41,980 72      |
|  | <hr/>        | <hr/>          |
|  | \$383,463 95 | \$509,225 18   |
| Deduct receipts from expenditure.....      |              | 383,463 95     |
|  |              | <hr/>          |
| Excess of expenditure over receipts.....   |              | \$125,761 23   |
|  |              | <hr/> <hr/>    |

## SICK AND DISTRESSED MARINERS.

Under the provisions of the Act 38 Vic., chap. 31, amending the Act respecting the treatment and relief of sick and distressed mariners, vessels of greater burthen than 100 tons register are liable to pay a duty of 2 cents per ton three times in each calendar year, instead of twice as formerly; vessels of 100 tons and under paying the duty once in each year.

By the provisions of the Act 47 Vic., chap. 21, passed at the last Session of Parliament, vessels employed exclusively in fishing, which were exempt from the payment of sick mariners' dues and not entitled to the same benefits as those vessels on which the dues are imposed, have now the same rights as other vessels, if dues are paid before leaving on a fishing voyage.

The receipts for the fiscal year ended 30th June last amounted to \$48,667.07' being an increase, as compared with the receipts of the preceding year, of \$1,093.65.

The Sick Mariners' Act does not apply to the Province of Ontario, and consequently no dues are collected from vessels in that Province and no expenditure incurred on account of sick seamen. For a number of years past, however, a grant has been made by Parliament of \$500 to the General Hospital at Kingston, and a similar amount to the General and Marine Hospital at St. Catharines, for the care of such seamen as may be received. In the Province of Quebec the expenditure on account of sick and distressed seamen, including the total expenditure for the Marine and Immigrant Hospital at Quebec, amounted to \$23,143.03, as will be seen by reference to Appendix No. 18. Of this sum, \$621.19 was expended on account of shipwrecked and distressed seamen, and \$1,357 for sick seamen, at ports other than those of Montreal and Quebec.

At the Port of Montreal sick seamen are cared for at the General Hospital, under an arrangement made by the Department, by which 90 cents per diem is paid for the board and medical attendance of each seaman. The amount paid the hospital during the past fiscal year was \$1,174.50. The sick mariners' dues collected during the same period at the Port of Montreal amounted to \$2,970.28.

At the Port of Quebec, sick seamen are cared for at the Marine and Immigrant Hospital. The sum of \$20,000 was appropriated by Parliament for the maintenance of this hospital, and the expenditure, as shown by Appendix No. 17, amounted to \$19,990.34. A grant of \$2,400 was received from the Government of Quebec and \$199 from rent of beach lots, board of patients, &c., making the total amount deposited to the credit of the Receiver-General \$2,599, thus reducing the cost of maintenance to the Government of the Dominion to \$17,391.34. In this sum the cost of maintaining sick immigrants as well as seamen is included, and estimating the cost of immigrants, of whom 109 were treated and retained in hospital, in all 1,499 days, at

\$1,680.06, the cost of sick seamen would amount to \$15,711.28. By reference, however, to the report of the resident physician, it appears that during the past fiscal year, out of 729 patients treated 418 were seamen having 6,328 days' treatment, 109 were immigrants, having 1,499 days' treatment, and 202 were residents of Quebec, having 7,690 days' treatment, thus showing, as stated in former reports, that the amount contributed by the Government of Quebec, viz., \$2,400, towards the support of residents in the hospital, is altogether inadequate. A fair proportion of the cost of the institution for the past fiscal year would be as follows, viz.:—For seamen, \$8,152.27; for immigrants, \$1,931.14, and for residents \$9,906.92. The Commissioners report a falling off of 105 during the year in the number of admissions, and a decrease of 4,525 days' attendance, and state that result is due in some measure to a falling off in the arrivals at the port and the excellence of the sanitary state of the crews and passengers, but principally to the rigid control exercised in the admission of sick patients from the city. Taking the total number of days' treatment of all patients during the year as 15,517, the cost per diem of maintaining each patient is \$1.28.

The amount of sick mariners' dues collected at the Port of Quebec, during the last fiscal year, was \$11,584.64, being \$1,105.56 less than the previous year, and the total amount collected in the Province of Quebec, for the same period, was \$17,368.48, instead of \$18,205.18, collected in the previous year. The expenditure for sick and distressed seamen at the different ports in the Province of Quebec, estimating the actual charge to the fund for the Marine Hospital at Quebec at \$17,391.34 amounts to \$20,544.03, showing an excess of expenditure over receipts of \$3,173.55.

The expenditure on account of sick and disabled and distressed seamen in the Province of New Brunswick amounted, during the last fiscal year, to \$9,033.99, while the receipts for the same period amounted to \$11,038.64.

Marine hospitals are established in New Brunswick, at the Ports of St. John, St. Andrews, Miramichi, Richibucto, Bathurst and Saackville, and returns received weekly from the medical superintendents in charge. Details of expenditure at the different hospitals will be found in Appendix No. 18. The sick mariners dues collected at the Port of St. John, during the last fiscal year, amounted to \$5,240.08, and the cost of maintaining the Marine Hospital, at that place, to \$1,236.22. A new Marine Hospital has been built at St. John by the Department of Public Works, and has lately been opened.

In the Province of Nova Scotia marine hospitals have been established at the Ports of Yarmouth, Sydney, Lunenburg and Point Tupper. At Halifax, provision is made for sick seamen at the Provincial and City Hospital, under arrangements made with the managers of that institution. The sum of 90 cents per diem is at present allowed for board and medical attendance. The sum of \$6,040.22 was collected

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at Halifax, during the past fiscal year, as sick mariners' dues, and the sum paid the Provincial and City Hospital for the same period was \$4,352.95.

At ports in the Province, where no hospitals exist, sick seamen are cared for under the direction of the chief officer of Customs, and details of the expenditure thus incurred will be found in Appendix No. 18. The total expenditure for sick, disabled and distressed seamen in Nova Scotia, during the past fiscal year, amounted to \$12,006.42 and the receipts to \$16,220.33 showing an excess of receipts over expenditure of \$4,213.91.

In the Province of Prince Edward Island the expenditure on account of sick, disabled and shipwrecked seamen, during the last fiscal year, amounted to \$1,226.21, and the receipts from sick mariners' dues to \$684.46. Sick seamen at the Port of Charlottetown are cared for under an arrangement entered into with the managers of the Charlottetown Hospital. The amount paid under this arrangement was \$610. A marine hospital is established at the Port of Souris.

In the Province of British Columbia the sum of \$4,048.19 was expended during the year, and the receipts of the Sick Mariners' Fund amounted to \$3,355.16. A marine hospital is established at the Port of Victoria.

During the past fiscal year the sum of \$918.56 was paid to Her Majesty's Government to re-imburse expenses incurred in caring for shipwrecked and distressed Canadian seamen at foreign ports.

The total expenditure by this Department on account of sick, disabled, shipwrecked and distressed seamen during the past fiscal year, including the grant of \$500 to each of the hospitals at St. Catharines and Kingston, and the entire expenditure on account of the Marine Hospital at Quebec, amounted to \$51,391.64, being \$2,512.33 in excess of the previous year, and \$10,608.36 less than the amount appropriated by Parliament for the service.

It will be seen, however, that as the entire collection of the Sick Marine Fund amounted to \$48,667.07, the excess of expenditure over receipts amounted to \$2,724.57. Should a deduction, however, be made, of a fair proportion of maintaining residents and immigrants in the Marine Hospital at Quebec, which amounts, as above stated, to \$11,838.06, the expense would amount only to \$39,553.58, and there would be an excess of receipts over expenditure of \$9,113.49.

The receipts and disbursements in connection with this service during the last sixteen fiscal years are as follows:—

|  | Receipts.    | Disbursements. |
|--|--------------|----------------|
| For fiscal year ended 30th June, 1869..... | \$ 31,353 78 | \$ 26,987 64   |
| do do 1870.....                            | 31,410 46    | 27,029 34      |
| do do 1871.....                            | 29,683 41    | 28,971 22      |
| do do 1872.....                            | 34,911 64    | 38,947 60      |
| do do 1873.....                            | 37,136 10    | 41,016 43      |
| do do 1874.....                            | 41,500 16    | 59,778 90      |
| do do 1875.....                            | 37,801 46    | 50,684. 76     |
| do do 1876.....                            | 41,287 66    | 48,828 49      |
| do do 1877.....                            | 43,739 21    | 51,647 94      |
| do do 1878.....                            | 44,665 07    | 43,780 99      |
| do do 1879.....                            | 37,779 57    | 42,729 36      |
| do do 1880.....                            | 42,523 20    | 42,160 91      |
| do do 1881.....                            | 49,779 72    | 40,667 52      |
| do do 1882. ....                           | 45,951 47    | 39,359 11      |
| do do 1883.....                            | 47,573 42    | 36,249 65      |
| do do 1884.....                            | 48,667 07    | 39,553 58      |
|  | <hr/>        | <hr/>          |
|  | \$645,763 40 | \$658,393 44   |
| Deduct receipts from expenditure.....      |              | 615,763 40     |
|  |              | <hr/>          |
| Balance to debit of Fund.....              |              | \$12,630 04    |
|  |              | <hr/> <hr/>    |

#### IMPROVEMENT OF HARBOURS.

Under the provisions of the Act 32 and 33 Vic., cap. 40, a tax of 10 cents per ton was formerly imposed for the improvement of harbours, on all vessels arriving at the ports of Bathurst and Richibucto, N.B., Amherst and House Harbour, Magdalen Islands and Cape Chatte, Quebec, these ports having been proclaimed to be under the operation of the Act referred to. By Order in Council of the 7th May, 1877, the tonnage duty was reduced to 4 cents for every ton of the registered measurement of vessels entering the ports in question. As stated in the Report for the year 1880, the Port of Bathurst was exempted, by Order in Council of 12th April, 1880, from the provisions of the proclamation referred to, and the tonnage duty has not been collected since that date.

By Order in Council of 1st May, 1877, the Port of Southern Bay, Ingonish, N.S., was proclaimed under the operation of the Act, and a tonnage duty of 6 cents a ton imposed.



The amount collected at the different ports under the operation of the Act, for the year ended 30th June last, was as follows:—

|  |          |
|--|----------|
| Amherst and House Harbour, Magdalen Islands..... | Nil.     |
| Cape Chatte, Gaspé .....                         | \$105 43 |
| Richibucto, N.B.....                             | 717 24   |
| Southern Bay, Ingonish.....                      | 32 74    |
|  | —————    |
|  | \$855 46 |
|  | =====    |

The amount collected for the year ended 30th June, 1883, was \$758.60.

The sum of \$759.82 was expended by the Department of Public Works at Southern Bay, Ingonish, and \$1,000 at Richibucto.

#### STEAMBOAT INSPECTION.

The report of the Chairman of the Board of Steamboat Inspection, for the year ended 31st December last, will be found in the Supplement to this report, together with statements showing the names of engineers examined and to whom certificates had been granted and renewed; the amount of fees paid for such certificates; the steamboats inspected, and the amount of duties and fees collected; also statements showing the number of steamboats added to the number in the Dominion, and those broken up, lost or rendered unfit for service during the year.

During the year Mr. Edward S. Vigor, who had served temporarily as Inspector in Western Ontario, was appointed Inspector of Steamboats for the Province of British Columbia, and Mr. Richard Collister, Inspector of Hulls of Steamboats for the Port of Victoria, Mr. Vigor acting in that capacity for the other ports in the Province. Mr. Oliver P. St. John was appointed an additional Inspector of Boilers and Machinery for the West Ontario, Huron and Superior Divisions, and Captain James Dick an additional Inspector of Hulls for the Province of Ontario.

By the provisions of the Act 47 Vic., cap. 20, amending the Steamboat Inspection Act, the fee payable on the renewal of an engineer's certificate was fixed at \$1, instead of \$5, as provided in the Act.

Meetings of the Board of Inspectors were held during the year at Toronto, St. Catharines, Collingwood, Sarnia, Montreal, St. John and Halifax. At the meetings held at the two last named places, rules and regulations were adopted which appear in detail in the report of the Chairman.

The amount received during the last fiscal year, on account of tonnage dues, inspection of steamboats and certificates to engineers, was \$15,371.79, of which sum \$12,521.79 was for tonnage dues and inspection fees, and \$2,850 for certificates to engineers. This shows an increase in the receipts, as compared with the previous year, of \$2 791.43. The increase in tonnage dues and inspection fees, was in reality, \$3,609.43; the fees for certificates falling short of the amount received the previous year by \$215. The expenditure for steamboat inspection during the last fiscal year, as will be seen by reference to Appendix No. 11, amounted to \$21,893.28, and as the receipts amounted only to \$15,371.79, there is a deficiency of \$6,521.49. The large increase in expenditure is accounted for by the increase in the number of inspectors required to carry out the provisions of the Consolidated Steamboat Inspection Act.

From the report of the chairman, with accompanying statements, it will appear that during the last calendar year 705 certificates were granted to engineers as follows:—First-class, 27; second-class, 203, and third-class, 475.

The total number of steamboats in the Dominion is given by the chairman as 891, having a gross tonnage of 150,111 tons. Of this number, 256 steamers belonged to the Western Ontario, Huron and Lake Superior Division; 126 to East Ontario; 132 to Montreal Division, 150 to Quebec Division, 117 to Maritime Provinces, 50 to Manitoba, and 58 to the British Columbia Division.

During the last calendar year 92 new steamers were added to the list, and 36 lost or put out of service, showing a gain in steamers of 56. The principal increase was in the Division of Western Ontario, Huron and Lake Superior, where 36 steamers were added to the list, having a gross tonnage of 10,282 tons.

The chairman reports that the operation of the Steamboat Inspection Act, so far as relates to the manufacture and construction of marine boilers, has been in the highest degree satisfactory, and the boilers turned out unsurpassed for safety and durability. During the past season only one casualty occurred, attended with loss of life, viz.: that of collision between the Canadian Pacific Railway steamer "Alberta" and the American steamer "J. M. Osborne," where four persons perished.

It will be seen by the following comparative statement of receipts and expenditure on account of Steamboat Inspection Fund for the past 15 fiscal years, that during that period the entire receipts, \$210,619.03, have exceeded the expenditure, \$187,380.98, by the sum of \$23,238.05, which remains as a balance to the credit of the Fund:—

|  | Receipts.    | Expenditure. |
|--|--------------|--------------|
| For fiscal year ended 30th June, 1870..... | \$ 12,521 29 | \$ 7,399 18  |
| do do 1871.....                            | 10,369 96    | 8,321 00     |
| do do 1872.....                            | 11,710 43    | 8,500 00     |
| do do 1873.....                            | 15,412 75    | 11,205 54    |
| do do 1874.....                            | 15,603 19    | 10,291 58    |
| do do 1875.....                            | 15,011 90    | 12,199 81    |
| do do 1876.....                            | 13,811 24    | 13,081 86    |
| do do 1877.....                            | 15,859 42    | 13,073 01    |
| do do 1878.....                            | 12,431 25    | 13,228 28    |
| do do 1879.....                            | 12,331 16    | 13,076 46    |
| do do 1880.....                            | 15,424 02    | 11,854 34    |
| do do 1881.....                            | 16,905 49    | 12,211 65    |
| do do 1882.....                            | 15,277 78    | 14,835 97    |
| do do 1883.....                            | 12,577 36    | 16,209 02    |
| do do 1884.....                            | 15,371 79    | 21,893 28    |
|  | \$210,619 03 | \$187,380 98 |
| Deduct expenditure from receipts...        | 187,380 98   |              |
| Excess of receipts over expenditure..      | \$23,238 05  |              |

#### *CERTIFICATES TO MASTERS AND MATES.*

The Report of the Chairman of the Board of Examiners of Masters and Mates of seagoing ships, for the Calendar year, ended 31st December, 1884 will be found in Supplement No. 1 to this Report.

During the past Calendar year, as will be seen by reference to the Report, the Board of Examiners have held meetings for the examination of Candidates at the ports of Halifax, N. S., St. John N. B., Quebec, Yarmouth, N. S. and Charlottetown, P. E. I. At the Port of Halifax thirteen meetings were held, ten at St. John, one at Quebec, ten at Yarmouth, and one at Charlottetown. At Halifax the number of masters who succeeded in passing and obtaining certificates of competency was twenty, and the number of mates thirty-three, while three failed as master and nineteen as mate. At the port of St. John N. B., seventeen candidates passed for the grade of master, and twenty four for mate, while four failed as master and fifteen as mate. At the port of Yarmouth, N. S., sixteen candidates passed for the grade of master and sixteen for mate, while two failed for master and seventeen for mate. At the Port of Charlottetown, P. E. I., one candidate passed for the grade of master and one for mate, while two failed as mate. At the port of Quebec two masters passed the Board. It will thus be seen that during the past year out of sixty-five candidates that presented themselves at the ports named for examination as master fifty-six succeeded in passing and nine failed, and that out of 127 that applied for examination as mate seventy-four passed and fifty three failed.

The number of candidates who have passed and obtained master's certificates of competency since the Act went into operation, viz., 16th September, 1871, to the 31st December 1884, is 1,374, and the amount paid for these certificates, at the rate of \$10 each, \$13,740. During the same period 808 candidates received certificates of competency as mate, and the amount paid, at the rate of \$5 each, was \$4,040. In the supplement referred to, a list will be found of all who have obtained certificates of competency and service, either as master or mate, during the year ended 31st December, 1884.

During the calendar year fourteen certificates of service for the grade of master and twelve for that of mate have been granted. The total number of certificates of service issued since the Act came into operation is 893 for the grade of master and 321 for that of mate, making a total of 1,214 certificates of service granted. These certificates, as stated in previous reports, are granted to masters and mates who are unable or unwilling to undergo examination for certificates of competency, and who have held situations as masters and mates previous to 1st January, 1870, and can produce certificates of experience and general good conduct. The fee charged for certificates of service is at the rate of \$5 for master and \$3 for mate.

The fees received on account of certificates of competency and service during the fiscal year ended 30th June last, was \$1,387.50; and the amount, in detail, expended on account of this service, as will be seen by reference to Appendix No. 1 to this Report, was \$3,909.59.

A list of certificates cancelled during the last calendar year will also be found in Supplement No. 1 to this Report.

The following statement shows the receipts and expenditure on account of this service since the Act came into operation, viz. :—

|  | Expenditure. | Receipts.   |
|--|--------------|-------------|
| For fiscal year ended 30th June, 1871..... | \$ 1,410 45  | \$ ..... 00 |
| do do 1872.....                            | 4,312 07     | 1,344 00    |
| do do 1873.....                            | 6,466 18     | 4,963 00    |
| do do 1874.....                            | 4,520 19     | 2,995 00    |
| do do 1875.....                            | 5,696 62     | 2,715 00    |
| do do 1876.....                            | 4,672 08     | 2,021 87    |
| do do 1877.....                            | 4,050 00     | 1,740 50    |
| do do 1878.....                            | 4,249 76     | 1,296 50    |
| do do 1879.....                            | 4,250 12     | 1,334 50    |
| do do 1880.....                            | 4,253 43     | 1,547 00    |
| do do 1881.....                            | 3,888 41     | 1,333 50    |
| do do 1882.....                            | 3,965 19     | 1,152 50    |
| do do 1883.....                            | 4,021 20     | 1,314 00    |
| do do 1884.....                            | 3,909 59     | 1,387 50    |
|  | <hr/>        | <hr/>       |
| Receipts.. .....                           | \$59,665 29  | \$25,144 87 |
|  | 25,144 87    |             |
| Excess of expenditure over receipts....    | \$34,520 42  |             |

It having come to the knowledge of the Department that in several instances masters of vessels had engaged certificated mates and, after clearing at the Custom House, had proceeded to sea without a certificated mate, thereby evading the requirements of the law, it was deemed advisable to amend the Act, and it was therefore enacted, during the last Session of Parliament, that any master who, after having obtained his clearance by representing that he had engaged a person possessing a mate's certificate, for the voyage, and afterwards proceeds to sea without such person or some other duly qualified mate, should incur a penalty of \$100, and that any person who knowingly allows his certificate to be produced as aforesaid, and does not proceed to sea on the voyage for which the clearance is obtained, shall incur a like penalty. The Act was also amended so as to provide for the issue of certificates of service to the Masters and Mates who had served as such, previous to 1884, in vessels registered in Canada over 100 tons, and not exceeding 150 tons register.

At a court of inquiry held at Liverpool on the 25th August, 1884, to enquire into the cause of the collision between the "Belle Star" and "Richard Owen," in which the last named vessel was sunk, George W. Croscup, who was mate of the "Belle Star" at the time, and who held a certificate of competency, No. 1,864, was found in default for keeping an insufficient look-out, and therefore suspended his certificate of competency for the space of three months.

The certificate of competency, No. 740, held by Charles P. Johnson, was suspended for the space of three months, from 11th November, 1884, by the Board of Trade, on account of Mr. Johnson's conviction, at Greenock, of drunkenness and disobedience to orders when first mate of the "Vale of Nith."

At a court of inquiry at Halifax on the 3rd October, 1884, into the circumstances attending the abandonment of the brigatine "Annie," of Maitland, Nova Scotia, on the 17th December, 1883, the court, after having carefully weighed and considered the evidence, came to the conclusion that the loss of the vessel was owing to the gross ignorance of duty, as a seaman, of the master, D. T. Cameron, who held a certificate of service, No. 475, and therefore recommended that his certificate be cancelled, which was accordingly done.

#### INLAND AND COASTING CERTIFICATES.

During the last calendar year the number of candidates who have passed and obtained masters' certificates of service was 1,661, and the amount paid for these certificates, at the rate of \$4 each, was \$6,644, while four failed. During the same period 443 candidates received certificates of service as mate, and the amount paid, at the rate of \$2 each, was \$886, while four failed. The number of candidates who succeeded in passing for certificates of competency as master was 83, and the amount paid for these certificates, at the rate of \$8 each, was 664, while 23 failed. Thirteen

mates obtained certificates of competency, and the amount paid for the same, at the rate of \$4 each, was \$52, while 18 failed.

The amount voted by Parliament for certificates of competency and service to masters and mates of sea-going, inland and coasting ships, was \$6,000, and the amount expended to the 30th June, 1884, was \$5,580.79, leaving an unexpended balance of \$419.21, which reverted to the Treasury. The total amount of fees received for certificates of competency and service of inland and coasting vessels, during the fiscal year ended 30th June, 1884, was \$8,050, and the amount expended was \$1,671.20.

WRECKS AND CASUALTIES.

The total number of casualties to British, Canadian and foreign sea-going vessels, reported to the Department as having occurred in Canadian waters, and to Canadian sea-going vessels in waters other than those of Canada, during the year ended the 31st December, 1884, was 199, representing a tonnage of 83,410 tons register, and the amount of loss, both partial and total, to vessels and cargoes, so far as ascertained, was \$2,396,753.

The number of lives lost in connection with these casualties was 209, namely, 160 in Canadian waters, and 49 in waters other than those of Canada.

The disasters reported to this Department as having occurred to vessels on the inland waters of Canada, and to Canadian vessels on American inland waters during the year 1884, were 20, and the tonnage involved was 8,360 tons register. The number of lives lost was four only, and the total amount of loss and damage to vessels and cargoes is estimated at \$107,372.

When the Wreck Register closed in 1883, a large number of casualties had been reported, of which the Department had not sufficient particulars to enable it to publish them in the list for that year. Returns have subsequently been received for many of these casualties, and a detailed list of them will be found in Supplement No. 1 to this Report. These casualties have been added to those previously reported, with the result of largely increasing the amount of loss and damage sustained by the mercantile marine in 1883, as the following totals will show:—

|   |             |
|---|-------------|
| Total number of disasters for 1883..... | 366         |
| do tons involved.....                   | 158,826     |
| do lives lost.....                      | 259         |
| Total loss and damage.....              | \$2,029,752 |

There were no wrecks reported to the Department as having occurred on St. Paul's Island during the past year, but two disasters, both involving loss of life, and one a very heavy loss of property, occurred on Sable Island, viz., the steamship "Amsterdam" and the brigantine "A. S. H."

The fine steamship "Amsterdam," of 3,000 tons gross tonnage, hailing from Rotterdam, commanded by Captain T. M. Lucas, and owned by the Netherlands-American Steamship Company, stranded during a dense fog on the eastern bar of Sable Island, about 9.45 p.m., on 30th July, 1884, having been carried out of her course by the strong currents prevailing in that vicinity. The steamship had on board a general cargo, 212 passengers and a crew numbering 48 all told. Owing to the fog she was not observed from the island until 1.30 p.m. of the following day, when boats were immediately despatched to her assistance. Previous to their arrival, however, Captain Lucas had, by means of his own boats, safely effected the landing of all his passengers except three, who were unfortunately drowned in the surf through carelessness on the part of those in charge of one of the boats, this being the only loss of life in connection with the wreck. The shipwrecked people were at once cared for by the superintendent of the island and his staff, and everything possible done to make them comfortable. On the 5th August the Government steamer "Newfield" fortunately happened along on one of her supply trips, and the passengers were immediately put on board her and forwarded to Halifax. The "Newfield" then returned, and every effort was made to save the ship and cargo. A large portion of the latter was secured undamaged, but a change for the worse in the weather foiled all attempts to get the steamer off, and she became a total loss. The loss on the vessel was estimated at \$200,000, and on the cargo at \$240,000.

On the afternoon of 19th December, during a tremendous gale, accompanied by snow, the brig "A. S. H." of St. Malo, France, was driven ashore at Sable Island, and out of a crew of seven men only the first mate succeeded in saving his life. The thermometer was 12° below zero at the time, and the cold, combined with the blinding snow and hurricane, compelled the unfortunate sailors to succumb. The wreck was not known at the station until 2 a.m. the next day, when the mate, after terrible suffering, made his way thither, having, for the last quarter of a mile, dragged himself upon his hands and knees. The "A. S. H." was commanded by Captain Le Marchand, owned by Omeyers & Cie., of St. Pierre, and was bound from the latter place to Boston with a cargo of fish. The loss on the vessel and cargo has not been ascertained.

The "Daniel Steinmann" a fine iron steamer of 1,330 tons, from Antwerp, bound for Halifax, struck the "Broad Breaker" rock at Sambro, off the mouth of Halifax Harbour, on the 3rd of April, became a total wreck, and 124 persons were lost. An investigation was held, in accordance with instructions from the Department, at which it was ascertained that the catastrophe was caused by the master mistaking Sambro light for Chebucto light, on a dark, foggy and rainy night. It would seem that he had taken no observations on that day, and should not have attempted to enter the harbour under the circumstances. The "Daniel Steinmann" had a general cargo, and 98 passengers on board, and was owned by Messrs. Steinmann & Ludwig, of Antwerp. The loss on the vessel was estimated \$180,000, on the cargo unknown.

The barque "Georgie" of Windsor, N.S., 646 tons, 8 years old, was abandoned at sea on 6th February, about 50 miles off Pernambuco, being then in a water-logged and helpless condition. She was on a voyage from Penarth to Hong Kong, with a cargo of coals, sprang a-leak on 4th February, and although the pumps were kept going incessantly the water steadily gained until the crew had only time to save their lives. The vessel was valued at \$25,000, and the cargo at \$3,000.

The barque "Ocean," of the burden of 651 tons, registered at Liverpool, N.S., and owned by Messrs. Black Bros. & Co., of Halifax, was totally destroyed by fire at Krum Bay, St. Thomas, D. W. I., on the 1st of March. The British Consul at St. Thomas caused a thorough examination of the entire crew to be had before him, and also visited the ship during the progress of the fire, and finding not the slightest ground to suspect that she had been purposely set on fire, did not deem it necessary to hold a court of enquiry. On the return of the master and mate of the vessel to Halifax, they were both, under instructions from the Department, examined before Captain Scott, and the conclusion at which he arrived was, that the loss of the ship was entirely due to the negligence of the steward, who acted as cook. The value of the vessel was estimated at \$7,000, that of the cargo unknown.

The Government steamer "La Canadienne" while entering the harbour of Gaspé, on the night of the 20th May, ran down the brigantine "Alliance," of Jersey, causing the latter to sink immediately.

An investigation was held by the Department, from which it appeared that the light was dark, but fine and clear; that the brigantine was lying at anchor, with regulation lights burning, and that the steamer was proceeding at full speed. Under these circumstances, the captain of the steamer, who was on the bridge at the time of the collision, was held to be entirely to blame, and was accordingly dismissed. The "Alliance" was subsequently raised and repaired, the loss to the vessel being estimated at \$2,000, and to the cargo at \$400.

The brigantine "Annie," of the tonnage of 203 tons, registered at Maitland, N. S., and owned by Mr. George J. Troop, of Halifax, while on a voyage from Montreal to Buenos Ayres, laden with lumber, was abandoned on the 16th December, 1883, in about latitude 4°, 34 N., and longitude 38°, 9, W., under circumstances which led to a formal investigation being held at Liverpool, G.B., in February, 1884, before T. S. Raffles, Esq., with the result, that in the opinion of the court the master had not been justified in the abandonment, and had not taken proper measures to secure the safety of the ship. Subsequently, in obedience to an Order in Council, an investigation was held before Captain Scott at Halifax, on the 3rd of October, 1884, and the court recommended to the Department that the master's certificate be cancelled, which was accordingly done. The loss on the vessel was estimated at \$6,000, and on the cargo at \$1,500.



On the 24th July, 1884, a collision occurred at sea between the "Richard Owen," of Great Britain, and the "Belle Star," registered at Digby, N. S., whereby the former vessel was sunk, and four out of a crew of seven, unfortunately drowned. A formal investigation was held on the 21st August, before the stipendiary magistrate, at Liverpool, G. B., and in the opinion of the court, George W. Crosscup, chief officer of the "Belle Star," had been in default, in not keeping a sufficient look-out, and his certificate was therefore suspended for three months, from 25th August.

The steamship "Inveralt," of the burthen of 841 tons, registered at Liverpool, G. B., while on a voyage from Montreal to Pictou, went aground on the East Point of Pictou Island on the 4th of August, 1884, the night being very thick and foggy. Under instructions from the Department, an informal investigation was held by Captain Scott, who found that the master of the steamer was in error, because, being unacquainted with the locality, he should not, in thick weather and without a pilot have endeavoured to make progress, but should have brought his ship to an anchor and waited until it cleared up. The loss on the steamer, (there was no cargo), has not been reported to the Department. Several attempts were made by a wrecking company to get her off, but they were all unsuccessful.

The iron steamship "Finchley," belonging to London, G. B., of 1,951 tons gross tonnage, and owned by Edward Harmay Watts, foundered in deep water off the Nova Scotian coast, near Isaac's Harbour, on the 20th of September, 1884, having first struck twice on shoals in very thick weather. The steamer was on a voyage from South Carolina to Dublin, laden with phosphate, and with directions to call at Sydney, Cape Breton, for bunker coal. A formal investigation was held at Liverpool, G. B., on the 12th of November, A. D., 1884, before H. C. Rothery, Esq., and the court found that the stranding and loss of the steamer were due to the wrongful acts and defaults of Jacob Garson, the master, and his certificate was accordingly suspended for six months. The loss on the vessel was estimated \$108,000, and on the cargo at \$12,000.

The iron steamship "Warwick" registered at Bristol, G. B., of 2,526 tons gross, was stranded at Fox River, in the Gulf of St. Lawrence, on the 14th July, 1884. The weather was very thick at the time. The steamer was on a voyage from Newport to Montreal, and was laden with iron. An investigation was held before Mr. J. U. Gregory, the agent of this Department at Quebec, on the 11th September, and the decision arrived at by him was that the casualty was due to unusual deviation of the compasses, caused, no doubt, by the nature of the cargo. At the time the vessel struck the captain believed he was 25 miles off shore, although, on account of the thick weather, he kept the lead going constantly, and took every other precaution. No default was proven against any of the officers of the vessel. The "Warwick" was subsequently got off after jettisoning a large portion of her cargo and proceeded to Quebec for repairs under her own steam. The amount of loss and damage has not been reported to the Department.

There were no casualties involving very serious damage reported as having occurred on the inland waters of Canada during the year 1884, and only one involving loss of life, viz., a collision which occurred between the Canadian Pacific Railway Co's steamship, the "Alberta," and an American barge the "Osborne," on the 27th July, on Lake Superior during a dense fog. By this casualty there were four lives lost, viz., three from the "Osborne" and one, a passenger, from the "Alberta." The amount of loss and damage to either vessel has not been reported to the Department.

COMPARATIVE STATEMENT of the Losses reported to the Department since 1870.

|   | Casualties. | Tonnage. | Lives Lost. | Damage.   |
|---|-------------|----------|-------------|-----------|
| For the Year ending 31st December, 1870. .... | 335         | 82,008   | 210         | 901,000   |
| do do 1871.....                               | 274         | 81,035   | 81          | 2,100,000 |
| do do 1871.....                               | 290         | 99,109   | 237         | 2,507,338 |
| do do 1873.....                               | 350         | 99,523   | *813        | 2,844,133 |
| do do 1874.....                               | 308         | 106,862  | 109         | 2,029,965 |
| do do 1875.....                               | 286         | 99,427   | 78          | 2,468,521 |
| do do 1876.....                               | 452         | 153,368  | 404         | 2,942,955 |
| do do 1877.....                               | 468         | 177,896  | 153         | 2,952,582 |
| do do 1878.....                               | 414         | 161,760  | 187         | 3,444,875 |
| do do 1879.....                               | 533         | 19,364   | 339         | 4,119,233 |
| do do 1889.....                               | 445         | 179,993  | 217         | 3,820,652 |
| do do 1881.....                               | 440         | 210,719  | 399         | 4,922,423 |
| do do 1882.....                               | 451         | 193,655  | 271         | 3,138,423 |
| do do 1883.....                               | 366         | 15,826   | 259         | 2,029,752 |
| do do 1884.....                               | 199         | 83,410   | 209         | 2,386,753 |

\* Of this number, 545 persons were lost by the wreck of the steamship "Atlantic," on the 1st of April, 1873.

SHIPPING MASTERS AND SHIPPING OF SEAMEN.

In the supplement to this report will be found a statement showing the returns received from the shipping masters appointed under the Act relating to the shipping of seamen, for the half years ended 30th June and 31st December last, and of the fees received under the Act.

The following change has occurred in the list of shipping masters since 1st January last, viz. :—

The appointment of Mr. Ronald McDonald as shipping master at Sydney, N.S., on the 20th April last, in the room of Mr. Jacob Ingraham, deceased.

The following is a summary of the reports received from the shipping masters at some of the principal ports in the Dominion :—

The shipping master at St. John, N.B., shipped during the year 4,056 seamen, discharged 2,791, and received as fees, at the rate of 50 cents for each seaman shipped and 30 cents for each seaman discharged, \$2865.30; out of which he paid for assis-

tance and incidental expenses, \$1,066.10, leaving the net income [of his office \$1799.20.

The shipping master at Halifax shipped, during the year, 3,065 seamen, discharged 2,149, for which he received \$2,177.20; out of which, after deducting expenses, he had as remuneration, \$1,002.20.

Owing to the death of Mr. Geo. Smith, the late shipping master, and the vacancy thus caused not being filled, full returns for the Port of Montreal, have not been received. The Collector of Customs reports that from 6th October to 31st December 1884—'0 seamen were shipped and 150 seamen discharged, while the fees, for that period, amounted to \$90.

At the Port of Quebec the total number of seamen shipped from the 1st January to 31st December last was 1,143, of which number 445 belonged to British, 491 to Dominion and 207 to foreign vessels; 760 were discharged and deserted during the same period, of whom 392 belonged to British and 368 to Dominion vessels. The total receipts during the calendar year amounted to \$771.25, and deducting the amount of incidental expenses, the balance of \$619.48 reverted to the treasury.

At the Port of Chatham, N.B., 156 seamen were shipped, 40 discharged, and fees to the amount of \$129 received by the shipping master.

At the Port of Pictou, N.S., 237 seamen were shipped, 160 discharged, and fees to the amount of \$166.50 received by the shipping master.

At the Port of Yarmouth N.S., 620 seamen were shipped, 429 discharged, and fees to the amount of \$438.70 received.

#### PILOTAGE AUTHORITIES.

The report of the Harbour Commissioners of the Port of Quebec, who are by law the Pilotage Authority for the Port of Quebec, will be found in the supplement. The annual statement of the Decayed Pilot Fund, which is under the conduct and management of the Corporation of Pilots, will be found in Appendix No. 37 to this report. From this statement it appears that, on the 31st December last, the Decayed Pilot Fund stood as follows:—

|                                     |             |
|-------------------------------------|-------------|
| Money invested .....                | \$53,352 71 |
| “ in savings bank.....              | 2,599 55    |
| “ in treasurer's hands .....        | 35 99       |
|                                     | <hr/>       |
|                                     | \$55,988 25 |
| Deduct arrears due in pensions..... | 274 82      |
|                                     | <hr/>       |
|                                     | \$55,713 43 |
|                                     | <hr/>       |

The number of decayed pilots on the list is 47, and the pensions range from \$47 to \$110; 119 widows receive pensions ranging from \$38 to \$68; and 17 children, pensions ranging from \$10 to \$15. The amount paid for pensions during the year was \$11,092.87, and the per centage on contributions of pilots to the fund amounted to \$8,121.47, and the sum of \$3.073 was received for interest. The total receipts on account of the fund, including a balance from the preceding year, amounted to \$14,614.15, and the expenses amounted to \$11,978.61. The total receipts of the Corporation of Pilots for the past season, as given by the secretary, amounted to \$114,417.32, the expenditure to \$20,255.20, and the net dividend paid to each pilot on the active list was \$549.

The number of pilots on the active list on 31st December last was 178, being the same number as last year, and the number of apprentice pilots 23, being eight less than last reported; 36 old pilots, having attained the age of 65 years and upwards, were examined by the Pilotage Authority before the opening of navigation, and being found qualified, were, with one exception, licensed for one year. Five pilots were pensioned, two died and five were tried during the season upon complaints lodged by ship masters. In three of the cases the pilots were found guilty and suspended, in another the pilot was acquitted, and the other case was dismissed. Of pilots on the active list, 29 were in the employ of steamship companies, and in charge of Dominion steamers and light vessels. During the year eight apprentice pilots, after undergoing the examination required by law, were admitted to practice as pilots.

#### MONTREAL.

The report of the Harbour Commissioners of Montreal, who are by law constituted the Pilotage Authority for this district, and possess the powers formerly vested in the Montreal Trinity House, will be found in the supplement. A statement of the Decayed Pilotage Fund will be found in Appendix No. 38 to this report. The fund continues in a prosperous condition and shows a net income of \$1,052.61 for the year, although the receipts for poundage, &c., were somewhat less than usual, amounting to \$2,141.84, and the interest on investments to \$1,905. The fund now amounts to \$39,656.80, \$28,000 of which is invested in Montreal Harbour bonds, \$2,000 in Water Works bonds, \$5,000 in City of Montreal Consolidated Fund, \$4,636.23 in City and District Savings Bank, and \$20.57 in hands of treasurer. There are 23 pensioners on the fund, viz., 19 widows and four old pilots. The amount paid for pensions during the year was \$3,131.61. The number of pilots on the active list is 48, and the earnings amounted to \$41,549.58. Of this amount, \$38,808.11 was received from British vessels, and \$2,741.47 from foreign. There are 21 apprentice pilots. Only two accidents occurred to vessels during the past season, and no serious damage was occasioned to the vessels. In the one case the pilot was found in fault and suspended, and in the other he was declared not to blame. The amount received by the Commissioners for poundage and interest on investments during the past year was \$4,054.24.

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 HALIFAX, N.S.

The returns received from the Halifax Pilotage Authority, for the year ended 31st December last, show that the sum of \$17,365.26 was received as pilotage dues, of which \$13,146.63 was received from British and \$4,218.63 from foreign vessels. The receipts for commission on pilotage collected, outward pilotage on ships having no pilots, license fees, bonds, &c., amounted to \$2,003.43, while the expenses of commissioners, the secretary's salary, printing, &c., amounted to \$1,976.22. The surplus at credit of Pilotage Fund amounts to \$2,835.50, and the Superannuation Fund amounts to \$2,435.33. There are 22 licensed pilots in this district.

## ST. JOHN, N.B.

The returns of this district for the last calendar year show that the sum of \$24,181.09 was received as pilotage dues, of which \$16,035.26 was from British and \$8,095.83 from foreign vessels. There are 37 licensed pilots and six pilot boats. The receipts of the Pilotage Authority from licenses, fees and other sources amounted to \$2,214.02, and the expenditure to \$2,030.75.

## MIRAMICHI, N. B.

There are 31 licensed pilots and four pilot boats in this district. The total number of vessels reported inward and outward was 472, of which 136 were British and 336 were foreign. The total amount received from pilotage and other resources was \$15,898.88, and the expenditure amounted to \$15,918.55. Each pilot received out of the dues, &c., collected, the sum of \$490.44.

## PICTOU, N. S.

There are 13 licensed pilots and one certificated master in this district. The sum of \$4,452.67 was received as pilotage dues, of which amount \$3,944.67 was received from British and \$508 from foreign ships. The sum of \$4,200.17 was paid to pilots, \$150 to secretary for salary and \$93.75 for other expenses, leaving a balance on hand of \$202.52

## SYDNEY, N. S.

The returns received from the Pilotage Authority of this districts show that the sum of \$15,432.50 was received from 897 vessels at the ports of Sydney, North Sydney, Lingan, Glace Bay and Port Caledonia, included in the district. The amount paid pilots was \$14,660.88, commissioner \$150 and secretary \$100; the entire expenditure amounting to \$15,712.84. There are 35 pilots for the ports of Sydney and North Sydney, six for the Port of Lingan and 12 for Glace Bay and Caledonia.

## VICTORIA AND ESQUIMAULT, B. C.

There are 11 licensed pilots and nine certificated masters and mates. The total amount of fees received for the calendar year was \$10,145.36, of which \$1,847.62 was

received from British and \$8,297.74 from foreign vessels. Fees for certificates, examinations and surveys, with balance from previous years, make the entire receipts \$10,700.12, while the fees paid to pilots, salary of secretary, office and other expenses amounted to \$10,504.28.

In addition to the pilotage districts above mentioned, returns have been received from the pilotage districts of St. Mary's and Liscomb, N. S., Bathurst, N. B., Charlotte, N. B., and Buctouche, N. B.

#### WHARVES, PIERS AND BREAKWATERS.

The piers under the control and management of this Department are the following:—The piers at Goderich, Rondeau and Inverhuron, in the Province of Ontario; Rimouski, Rivière du Loup, Rivière Ouelle, Malbaie, Eboulement, L'Îlet and Berthier, in the Province of Quebec; Maitland, Oak Point, Digby, Delap's Cove, East Bay, Meteghan River, Picket's Wharf, Port Greville and Brooklyn, in the Province of Nova Scotia, Clifton, in the Province of New Brunswick, and Souris, in the Province of Prince Edward Island. At the Port of Cow Bay, Cape Breton, N. S., the pier or breakwater purchased under the provisions of the Act, 37 Vic., chap. 18, is also under the management of this Department, but the tonnage dues imposed on vessels calling at the pier, and tolls for goods landed thereon, which were formerly collected by the chief officer of Customs at the port, are now collected by Mr. Archibald McKinnon, wharfinger.

By referring to Appendix No. 26, a statement will be found of the amounts collected from the wharves and piers under the charge of the Department. The total amount collected was \$3,937.72.

By Order in Council of the 4th May, 1883, the tolls at Goderich wharf were remitted for five years and the services of a wharfinger dispensed with.

By Order in Council of the 16th May last, Mr. Ronald Gillis was appointed wharfinger of the pier at East Bay, N. S., to receive, as remuneration for his services, 50 per centum of the amount collected.

By Order in Council of the 30th June last, Mr. Bennett McEachern was appointed wharfinger of the pier at Souris, P.E.I., to receive, as remuneration for his services, 25 per centum of the amount collected.

By Order in Council of the 24th December last, Mr. Andrew Bishop was appointed wharfinger of the pier at Pickett's Wharf, N. S., to receive, as remuneration for his services, 25 per centum of the amount collected.

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 HARBOUR COMMISSIONERS AND HARBOUR MASTERS.

In the supplement to this report will be found reports of the Harbour Commissioners at Toronto, Montreal, Quebec, Pictou and North Sydney, for the year ended 31st December last.

The report of the Harbour Master at Toronto to the Commissioners shows that the total receipts for harbour tolls amounted to \$7,104.42, a decrease of \$888.29 as compared with previous years. The total revenue of the year was \$10,298.02 and the expenditure amounted to \$5,814.62, and the balance in hand at the end of the year was \$5,741.10. The number of vessels that arrived at the port during the season was 1,780. Dredging was carried out at various places in the harbour at a cost to the Commissioners of \$911.76. The Harbour Master also reports that the contractors for the harbour improvements have completed the portion along the marsh and extending out into the gap.

The report of the Harbour Commissioners for the Port of Quebec shows that the revenue arising from tonnage dues, harbour dues property, interest, &c., during the year, amounted to \$54,768.85, and shows a decrease of \$11,825.97 as compared with the preceding year. Of the revenue received, \$18,811.80 was for tonnage dues. \$12,637.52 for export, import and harbour dues, \$19,943.95 for revenue from property, and the balance for interest and sundries. The expenditure, including salaries, of officials, interest, sinking fund on \$723,000, harbour debentures, repairs and improvements on wharves and sundries, amounted to \$53,381.83, showing an excess of revenue over expenditure of \$1,387.02. The total value of the assets of the corporation is given as \$2,744,206.01 the liabilities as \$2,507,000.

The Commissioners report that it was decided to make a further reduction of 25 feet in the length of the graving dock, thus making it 495 feet long, and an arrangement was entered into with the contractors to build and construct all the works and complete the dock during the season of 1884, but owing to the unexpected mishaps which took place, over which the contractors had no control, they were obliged to suspend operations on the 14th November, till next season.

During the past season dredging in the lower basin was prosecuted vigorously, and satisfactory progress also made in connection with the building of the cross wall.

From the report of the Harbour Commissioners, Montreal, it appears that the receipts from all sources amounted to \$582,275.49 and the expenditure to \$660,249.82. The sum of \$193,262.22 was received from wharfage and tonnage dues, \$100,000 from the Dominion Government for new channel works, and \$225,000 from sale of harbour debentures. The sum of \$74,575.34 was expended on interest Dominion Government, \$176,832.91 in new channel operations, \$61,850.35 in harbour dredging, \$28,574.74 in harbour expenses and management, \$114,842.50 as interest on harbour

debt, \$41,863.26 in harbour repairs, and \$141,000 on redemption of harbour debentures. The revenue statement as compared with the previous year shows a net decrease of \$17,177, but it must be borne in mind that the harbour dues on grain were reduced for a period of three months from 7½ cents per ton to the merely nominal rate of 1 cent per ton. The ocean tonnage for the year amounted to 649,374 tons, as against 664,263 tons for 1883. Number of vessels 626 in 1884, and 672 in 1883. The inland tonnage amounted to 726,015 tons, and shows a decrease of 38,706 tons for the previous year. Operations for deepening the ship channel to 27½ feet at low water were carried on satisfactorily during the season.

The report of the Harbour Commissioners for the Port of North Sydney will be found in the supplement, together with an account of receipts and disbursements. The receipts amounted to \$1973.45, and the disbursements to \$1,955.69. Of this amount \$450 was paid to the Harbour Master, \$420 to the secretary, \$185.50 for caring for seamen, and \$287.17 on wharf account; 1607 vessels, having a total tonnage of 469,189 tons, arrived at the port during the season.

In the supplement will also be found reports from a number of Harbour Masters at the more important ports, appointed under the Acts 35 Vic., chap. 42, 36 Vic., chap. 9 and 63, and 37 Vic., chap. 34, with a statement of the fees collected by Harbour Masters during the year ended 31st December last, and also a list of all the Harbour Masters appointed under these Acts.

The following Harbour Masters have been appointed by Order in Council during the past year, viz. :—

Mr. Francis Marmeau, for Arichat, N. S., on the 6th May last, at a salary not to exceed \$200 of the fees collected, in the room of Mr. Andrew Bellefontaine, resigned.

Mr. John Wren, for St. Andrews, N. B., on the 6th May last, at a salary not to exceed \$100 of the fees collected, in the room of Mr. John Balson, deceased.

Mr. Hugh McKay, for Murray River, P.E.I., on the 8th May last, at a salary not to exceed \$100 of the fees collected, in the room of Mr. John Lowe, who had declined to act.

Mr. E. Douglas Rigby, for Little Glace Bay, N.S., on the 8th May last, at a salary not to exceed \$200 of the fees collected, in the room of Mr. Henry Mitchell, whose appointment was cancelled on the 16th May, 1879.

Mr. John McInnes, for West Bay, N.S., on the 8th May last, at a salary not to exceed \$100 of the fees collected.

Mr. Philip Irving, for Cape Traverse, P.E.I., on the 23rd May last, at a salary not to exceed \$100 of the fees collected.



Mr. Conrad Marks, for Ship Harbour, N.S., on the 2nd June last, at a salary not to exceed \$100 of the fees collected.

Mr. Edward Davison, for Hantsport, N.S., on the 27th June last, at a salary not to exceed \$200 of the fees collected.

Mr. Charles Fields, for Tidnish, N. S., on the 30th June last, at a salary not to exceed \$100 of the fees collected, in the room of Mr. George Brunidge, resigned.

Mr. Harding E. Graves, for Harvey, N.B., on the 8th July last, at a salary not to exceed \$100 of the fees collected, in the room of Mr. Joseph McAlmon, superseded.

Mr. York Barrington, for Victoria Pier, Sydney, N.S., on the 25th July last, at a salary not to exceed \$200 of the fees collected.

Mr. George Burke, for Upper and Lower L'Ardoise, N.S., on the 29th August last, at a salary not to exceed \$100 of the fees collected.

Mr. Alexander Dick, for St. George N. B., on the 29th August last, at a salary not to exceed \$100 of the fees collected, in the room of Mr. James Dick, deceased.

Mr. Joseph Ritcey, for Ritcey's Cove, N.S., on the 29th September last, at a salary not to exceed \$100 of the fees collected.

Mr. Thomas Donovan, for South Bay, Ingonish, N.S., on the 9th October last, at a salary not to exceed \$100 of the fees collected.

Mr. Edward Quennell, for Nanaimo and Departure Bay, B. C., on the 24th October last, at a salary not to exceed \$500 of the fees collected, in the room of Mr. John Sabiston, jun., resigned.

#### METEOROLOGICAL SERVICE.

The annual report of the Meteorological Service, by the Superintendent, Mr. Carpmael, forms Appendix No. 31 to this report. By reference thereto it will be seen that the number of volunteer observers continues to increase, and that two first-class, fourteen second-class and seven third-class stations have been established during the year, and two telegraph reporting stations.

The storm signal service remains unchanged, with the exception of the addition of a new station. The warnings issued during the year were 727, of which 604 were verified.

The issue of weather forecasts has continued without interruption throughout the year; 6,715 predictions were issued, of which 5,008 were fully verified, 1,039 partly and 668 not verified. The sum of \$48,000 was appropriated, for the service and the expenditure, as will be seen by reference to Appendix No. 20, amounted to \$50,160.73.

## OBSERVATORIES.

The annual reports of the directors of the Magnetic Observatory at Toronto, and the Observatories at Montreal and Kingston, form appendices to this report. By reference to Appendix No. 21, it will be found that \$5,238.16 was expended on the Magnetic Observatory at Toronto, and \$500 each on the Montreal and Kingston Observatories. The total expenditure on the Meteorological and Observatory Service for the past fiscal year amounted to \$56,398.89.

## SIGNAL SERVICE IN THE RIVER AND GULF OF ST. LAWRENCE.

This service was organized in 1879, with eight stations, and since that date nineteen have been added, making the number now in operation twenty-eight. Fifteen of them are located on the River St. Lawrence, and the remainder in the Gulf. The service has been satisfactorily performed during the past season, and daily reports as to wrecks and casualties, state of weather, passing vessels, &c., have been supplied to the Boards of Trade and the Press, at Quebec and Montreal. The sum of \$7,500 was appropriated by Parliament for this service, and the expenditure for the last fiscal year amounted to \$6,704.17.

## HUDSON BAY EXPEDITION.

The report of Lieutenant Gordon, R.N., Deputy Superintendent of the Meteorological Service, on the conduct of the Hudson Bay Expedition, together with the report of Dr. Bell, who accompanied the expedition as medical officer and geologist, forms Appendix No. 30 to this report. The sum of \$30,000 was appropriated by Parliament for this service, but the sum of \$490.69 only was expended during the last fiscal year.

## GEORGIAN BAY SURVEY.

The report of Commander Boulton, R.N., as to the operations of the survey during the past season, forms Appendix No. 23 to this report. The sum of \$27,000 was appropriated by Parliament for the purposes of this survey, and the expenditure during the fiscal year ended 30th June last amounted to \$26,745.54, as will be seen by reference to Appendix No. 29.

## PORT WARDENS.

From the report of the Port Warden for Montreal, transmitted by the Montreal Board of Trade, it appears that the arrivals at the port show a slight decrease as compared with the previous year, both in number of ships and amount of tonnage, 322 ships with an aggregate tonnage of 488,753 tons being reported, as against 335 ships with a tonnage of 489,741 tons. In these arrivals vessels from Newfoundland and places within the Dominion are not included, as they do not come under the jurisdiction of the Port Warden. No missing ships were reported from the Port of Montreal during the year, nor any ships lost by overloading or from shifting of

cargo. The import trade is reported as not quite up to that of last year in volume, except in the article of sugar, which was largely in excess of previous years. The export of grain fell off nearly 2,500,000 bushels as compared with preceding year, but this deficiency has been made up by an increase in flour, phosphates, bacon, cheese and deals, flour being largely in excess; 7,421,152 bushels of grain were shipped, against 9,781,001 bushels in 1883, and 446,480 barrels of flour, against 294,353 barrels in 1883. The shipment of deals to Great Britain, and of lumber to South America, were in excess of previous years. The shipment of phosphates is steadily increasing, 20,461 tons being shipped, against 17,160 tons in 1883, and there is also an increase in the cattle export trade; 56,643 head of cattle and 63,143 sheep were shipped, against 50,345 head of cattle and 102,347 sheep. The receipts of the Port Warden's office during the year amounted to \$8,957.04, and the expenditure to \$8,267.46.

From the report of the Port Warden at Quebec, it appears that during the year he surveyed 125 steamships and sailing vessels with general cargoes; examined and surveyed 47 vessels on account of stranding, collision, &c.; surveyed and sold 15 lots of merchandise and examined, condemned and sold as wrecks three vessels, in compliance with the provisions of the Port Warden's Act. The fees received amounted to \$1,609.71, and the expenses to \$966.15.

The Port Warden at Halifax, N.S., reports that during the year he held surveys upon 46 vessels which arrived in a damaged condition. The fees for survey of these vessels amounted \$1,292, and for survey of hatches, stowage and damaged goods, to \$1,204, and for other services, \$289.95, making in all \$2,785.95. The expenses amounted to \$1,036.04.

The Port Warden at Charlottetown reports that he surveyed three vessels which arrived in a damaged condition. The fees derived from surveys amounted to \$611, and the expenses to \$147.90.

The Port Warden at Port Hawkesbury surveyed ten damaged vessels and received fees to the amount of \$272.

The Port Warden at Sydney surveyed 45 vessels and received fees to the amount of \$375.

The Port Warden at North Sydney surveyed 27 vessels and received fees to the amount of \$271.

The Port Warden at Chatham, N.B., held surveys on six vessels and received fees to the amount of \$137.50.

The Port Warden at Picton reports receipts of fees to the amount of \$285 for survey of vessels arriving in a damaged condition.

The Port Warden at Rimouski reports that he held no surveys and collected no fees during the year.

By Order in Council of the 24th October last, Mr. Edward Quennell was appointed Port Warden for the Ports of Nanaimo and Departure Bay, B.C., his salary to be the fees collected.

#### MERCHANT SHIPPING.

The total number of vessels remaining on the register books of the Dominion on the 31st December, 1884, including old and new vessels, sailing vessels, steamers and barges, was 7,254, measuring 1,253,747 tons register tonnage, being a decrease of 120 vessels and 13,647 tons register, as compared with 1883. The number of steamers on the registry books on the same date was 1,073, with a gross tonnage of 207,669 tons. Assuming the average value to be \$30 per ton, the value of the registered tonnage of Canada, on the 31st December last, would be \$37,612,410.

The number of new vessels built and registered in the Dominion of Canada during the last year was 387, measuring 72,411 tons register tonnage. Estimating the value of the new tonnage at \$45 per ton, it gives a total value of \$3,258,495 for new vessels

A statement follows, showing the number of vessels and number of tons on the register books at the different ports of registry in the Dominion, on the 31st December last, along with a comparative statement of the tonnage from 1873 to 1884. A statement is also published of the number of vessels built and registered in the Dominion during the last year, and a comparative statement of the number of new vessels built and registered from 1874 to 1884, both inclusive.

The following persons were appointed Measuring Surveyors of Shipping during the calendar year of 1884, viz. :—

Mr. Martin L. Oliver, Digby, N.S., in place of Mr. G. A. Viets, resigned.

Mr. Walter Dobson, Dorchester, N.B., in place of Mr. John Hickman, who was superannuated.

Mr. J. W. Binney, Moncton, N.B., in place of Mr. James Robertson, who died in October, 1883.

Permission was given to change the names of the following vessels during last year :—

Steamer "W. S. Turner," of Kingston, official number 83,300, changed to "Queen of the Isles."

Schooner "Phoenix," of Parrsboro', official number 85,620, changed to "Weatherspoone Brothers."

Steam yacht "Zenobia," of Montreal, official number 58,826, changed to "Evangeline."

Steam tug "W. H. Pringle," of Windsor, Ont., official number 88,623, changed to "International."

Steam tug "Charles Kellogg," of Windsor, Ont., official number 88,622, changed to "Charlton."

The following wrecked vessels were registered, by authority of His Excellency the Governor-in-Council, during the last calendar year, after being thoroughly repaired and made seaworthy, viz :—

| Name of Vessel.     | Official Number. | Port of Registry. |
|---------------------|------------------|-------------------|
| Restless.....       | 83,132 .....     | Barrington, N.S.  |
| Addie Benson.....   | 64,039 .....     | Sydney, C.B.      |
| Four Brothers ..... | 38,472 .....     | do                |
| Baulah Benton.....  | 71,362 .....     | Lunenburg, N.S.   |
| J. B. Saint.....    | 82,194 .....     | Pictou, N.S.      |
| Annie Simpson ..... | 80,012 .....     | do                |
| Anna Currier.....   | 54,777 .....     | St. John, N.B.    |
| Henry.....          | 34,891 .....     | Halifax, N.S.     |
| Florence.....       | 83,055 .....     | Shelburne, N.S.   |
| Lottie .....        | 84,777 .....     | Pictou, N.S.      |
| Grizilda.....       | 66,602 .....     | Sydney, C.B.      |

STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on the 31st December, 1884.

## PROVINCE OF NEW BRUNSWICK.

| Name of Port.     | No. of Vessels. | No. of Steamers. | Gross Tonnage, Steamers. | Total Net Tonnage. |
|-------------------|-----------------|------------------|--------------------------|--------------------|
| Chatham.....      | 169             | 19               | 1,242                    | 15,627             |
| Dorchester.....   | 28              |                  |                          | 18,895             |
| Moncton.....      | 8               |                  |                          | 2,738              |
| Richibucto.....   | 14              |                  |                          | 4,136              |
| Sackville.....    | 12              |                  |                          | 3,422              |
| St. Andrews.....  | 188             | 1                | 25                       | 12,268             |
| St. John.....     | 677             | 51               | 8,846                    | 251,136            |
| <b>Total.....</b> | <b>1,096</b>    | <b>71</b>        | <b>10,113</b>            | <b>308,132</b>     |

## PROVINCE OF NOVA SCOTIA.

|                      |              |           |              |                |
|----------------------|--------------|-----------|--------------|----------------|
| Amherst.....         | 15           |           |              | 5,381          |
| Annapolis.....       | 91           | 2         | 53           | 20,176         |
| Arichat.....         | 125          | 1         | 44           | 6,362          |
| Barrington.....      | 46           |           |              | 2,780          |
| Baddeck.....         | 4            |           |              | 269            |
| Digby.....           | 164          | 1         | 73           | 14,846         |
| Guysboro'.....       | 51           | 1         | 35           | 2,654          |
| Halifax.....         | 943          | 37        | 4,844        | 83,669         |
| Liverpool.....       | 89           |           |              | 8,436          |
| Londonerry.....      | 5            |           |              | 2,393          |
| Lunenburg.....       | 284          | 1         | 48           | 22,176         |
| Maitland.....        | 42           |           |              | 36,421         |
| Pugwash.....         | 11           |           |              | 773            |
| Parrsboro'.....      | 103          | 1         | 12           | 21,765         |
| Pictou.....          | 101          | 8         | 329          | 36,821         |
| Port Hawkesbury..... | 54           |           |              | 2,554          |
| Port Medway.....     | 27           |           |              | 1,557          |
| Sydney.....          | 114          | 5         | 255          | 5,855          |
| Shelburne.....       | 136          | 1         | 23           | 11,299         |
| Truro.....           | 7            |           |              | 2,465          |
| Windsor.....         | 192          | 4         | 377          | 116,309        |
| Weymouth.....        | 33           |           |              | 6,073          |
| Yarmouth.....        | 405          | 12        | 1,679        | 133,014        |
| <b>Total.....</b>    | <b>2,942</b> | <b>74</b> | <b>7,775</b> | <b>544,048</b> |

## PROVINCE OF QUEBEC.

|                   |              |            |               |                |
|-------------------|--------------|------------|---------------|----------------|
| Amherst.....      | 29           |            |               | 1,013          |
| Gaspé.....        | 44           | 2          | 1,344         | 2,911          |
| Montreal.....     | 624          | 171        | 61,215        | 95,863         |
| New Carlisle..... | 30           | 2          | 32            | 1,762          |
| Percé.....        | 2            |            |               | 133            |
| Quebec.....       | 899          | 147        | 25,028        | 131,170        |
| St. Johns.....    |              |            |               |                |
| <b>Total.....</b> | <b>1,628</b> | <b>322</b> | <b>87,619</b> | <b>202,842</b> |

STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, &c.—Continued.

PROVINCE OF ONTARIO.

| Names of Ports.      | No. of Vessels. | No. of Shares. | Gross Tonnage, Steamers. | Total Net Tonnage. |
|----------------------|-----------------|----------------|--------------------------|--------------------|
| Amherstburg .....    | 6               | 2              | 164                      | 278                |
| Belleville.....      | 13              | 6              | 478                      | 703                |
| Brockville.....      | 33              | 29             | 756                      | 894                |
| Collingwood.....     | 22              | 16             | 2,203                    | 2,063              |
| Chippewa.....        | 3               | 2              | 263                      | 153                |
| Cramahé.....         | 3               |                |                          | 350                |
| Chatham.....         | 25              | 16             | 2,143                    | 2,198              |
| Cobourg.....         | 8               | 3              | 242                      | 718                |
| Cornwall.....        | 1               | 1              | 45                       | 30                 |
| Darlington.....      | 2               |                |                          | 253                |
| Dunnville.....       | 18              | 5              | 616                      | 2,195              |
| Deseronto.....       | 3               | 3              | 667                      | 500                |
| Goderich.....        | 26              | 10             | 374                      | 1,642              |
| Hamilton.....        | 29              | 15             | 6,801                    | 7,104              |
| Kingston.....        | 213             | 64             | 11,338                   | 26,004             |
| Morrisburg.....      | 3               | 1              | 54                       | 361                |
| Napanee.....         | 20              | 6              | 417                      | 2,721              |
| Newcastle.....       | 1               |                |                          | 158                |
| Oshawa.....          | 1               |                |                          | 138                |
| Ottawa.....          | 172             | 68             | 7,828                    | 17,794             |
| Owen Sound.....      | 18              | 16             | 3,869                    | 2,605              |
| Oakville.....        | 5               |                |                          | 384                |
| Prescott.....        | 14              | 7              | 290                      | 1,839              |
| Port Burwell.....    | 24              | 2              | 132                      | 4,350              |
| Port Dover.....      | 21              | 5              | 331                      | 1,501              |
| Port Colborne.....   | 7               | 3              | 125                      | 710                |
| Port Hope.....       | 46              | 28             | 2,589                    | 4,513              |
| Port Rowan.....      | 9               | 1              | 168                      | 1,081              |
| Port Stanley.....    | 9               | 6              | 1,633                    | 1,330              |
| Picton.....          | 35              | 6              | 588                      | 4,247              |
| Sarnia.....          | 18              | 11             | 7,089                    | 5,579              |
| Sault St. Marie..... | 5               | 5              | 355                      | 257                |
| St. Catharines.....  | 133             | 54             | 12,476                   | 25,812             |
| Toronto.....         | 134             | 70             | 6,921                    | 11,743             |
| Wallaceburg.....     | 42              | 17             | 1,466                    | 3,114              |
| Windsor.....         | 61              | 15             | 7,215                    | 6,878              |
| Whitby.....          | 1               |                |                          | 187                |
| Total.....           | 1,184           | 493            | 79,686                   | 142,387            |

PROVINCE OF PRINCE EDWARD ISLAND.

|                    |     |    |       |        |
|--------------------|-----|----|-------|--------|
| Charlottetown..... | 234 | 13 | 3,415 | 39,213 |
|--------------------|-----|----|-------|--------|

PROVINCE OF BRITISH COLUMBIA.

|                      |     |    |        |        |
|----------------------|-----|----|--------|--------|
| Victoria.....        | 95  | 49 | 11,567 | 9,936  |
| New Westminster..... | 20  | 19 | 2,010  | 1,467  |
| Total.....           | 115 | 68 | 13,577 | 11,403 |

PROVINCE OF MANITOBA.

|               |    |    |       |       |
|---------------|----|----|-------|-------|
| Winnipeg..... | 55 | 32 | 5,484 | 5,723 |
|---------------|----|----|-------|-------|

STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, &c.—*Concluded.*

## SUMMARY.

| Names of Ports.            | No. of Vessels. | No. of Shares. | Gross Tonnage, Steamers. | Total Net Tonnage. |
|----------------------------|-----------------|----------------|--------------------------|--------------------|
| New Brunswick .....        | 1,096           | 71             | 10,113                   | 308,132            |
| Nova Scotia .....          | 2,942           | 74             | 7,775                    | 544,048            |
| Quebec .....               | 1,628           | 322            | 87,619                   | 202,842            |
| Ontario .....              | 1,184           | 493            | 79,686                   | 142,387            |
| Prince Edward Island ..... | 234             | 13             | 3,415                    | 39,213             |
| British Columbia .....     | 115             | 68             | 13,577                   | 11,403             |
| Manitoba .....             | 55              | 32             | 5,484                    | 5,722              |
| <b>Total .....</b>         | <b>7,254</b>    | <b>1,073</b>   | <b>207,669</b>           | <b>1,253,747</b>   |





List of Ports at which Vessels may be Registered, showing the Number of New Vessels Built and Registered, during the year ended 31st December, 1884.

PROVINCE OF NEW BRUNSWICK.

| Names of Ports.  | Vessels. | Tonnage. | Names of Ports.   | Vessels. | Tonnage. |
|------------------|----------|----------|-------------------|----------|----------|
| Chatham .....    | 6        | 309      | St. John .....    | 34       | 11,459   |
| Dorchester ..... | 1        | 149      | St. Andrews ..... | 2        | 31       |
| Moucton .....    | .....    | .....    | Sackville .....   | 1        | 118      |
| Richibucto ..... | 2        | 822      | Total .....       | 46       | 12,888   |

PROVINCE OF NOVA SCOTIA.

|                  |       |       |                       |       |        |
|------------------|-------|-------|-----------------------|-------|--------|
| Amherst .....    | ..... | ..... | Parrsboro' .....      | 8     | 2,079  |
| Annapolis .....  | 2     | 272   | Pictou .....          | 5     | 3,465  |
| Arichat .....    | ..... | ..... | Port Medway .....     | 4     | 493    |
| Barrington ..... | 6     | 406   | Port Hawkesbury ..... | 4     | 191    |
| Digby .....      | 5     | 515   | Shelburne .....       | 16    | 1,282  |
| Guysboro' .....  | 4     | 212   | Sydney .....          | 8     | 204    |
| Halifax .....    | 25    | 2,757 | Truro .....           | ..... | .....  |
| Liverpool .....  | 6     | 591   | Weymouth .....        | 3     | 272    |
| Lunenburg .....  | 42    | 4,636 | Windsor .....         | 9     | 10,484 |
| Maitland .....   | 6     | 4,912 | Yarmouth .....        | 25    | 9,261  |
|                  |       |       | Total .....           | 178   | 42,032 |

PROVINCE OF QUEBEC.

|                        |   |       |                    |       |       |
|------------------------|---|-------|--------------------|-------|-------|
| Gaspé .....            | 1 | 91    | New Carlisle ..... | 1     | 23    |
| Montreal .....         | 9 | 1,261 | Quebec .....       | 20    | 2,425 |
| Magdalen Islands ..... | 1 | 15    | St. John's .....   | ..... | ..... |
|                        |   |       | Total .....        | 32    | 3,815 |

PROVINCE OF ONTARIO.

|                   |       |       |                        |       |       |
|-------------------|-------|-------|------------------------|-------|-------|
| Amherstburg ..... | ..... | ..... | Pictou .....           | ..... | ..... |
| Brockville .....  | 1     | 5     | Port Burwell .....     | 2     | 106   |
| Belleville .....  | ..... | ..... | Preacott .....         | 4     | 625   |
| Chatham .....     | 1     | 67    | Port Dover .....       | ..... | ..... |
| Cobourg .....     | ..... | ..... | Port Hope .....        | 1     | 29    |
| Collingwood ..... | 4     | 77    | Port Rowan .....       | ..... | ..... |
| Cornwall .....    | ..... | ..... | Port Stanley .....     | ..... | ..... |
| Darlington .....  | ..... | ..... | Sarnia .....           | ..... | ..... |
| Deseronto .....   | 1     | 95    | Sault Ste. Marie ..... | ..... | ..... |
| Goderich .....    | ..... | ..... | St. Catharines .....   | 5     | 937   |
| Hamilton .....    | 1     | 29    | Toronto .....          | 11    | 399   |
| Kingston .....    | 3     | 201   | Windsor .....          | 4     | 208   |
| Owen Sound .....  | 3     | 88    | Whitby .....           | ..... | ..... |
| Ottawa .....      | 12    | 1,161 | Wallaceburg .....      | 5     | 419   |
|                   |       |       | Total .....            | 58    | 4,446 |

LIST of Ports at which Vessels may be Registered, showing the Number of New Vessels Built and Registered, &c.—*Concluded.*

PROVINCE OF PRINCE EDWARD ISLAND.

| Name of Ports      | Vessels. | Tonnage. |
|--------------------|----------|----------|
| Charlottetown..... | 21       | 5,189    |

PROVINCE OF BRITISH COLUMBIA.

|                      |    |     |
|----------------------|----|-----|
| Victoria.....        | 10 | 518 |
| New Westminster..... | 5  | 157 |
| Total.....           | 15 | 675 |

PROVINCE OF MANITOBA.

|               |    |       |
|---------------|----|-------|
| Winnipeg..... | 37 | 3,366 |
|---------------|----|-------|

SUMMARY.

|                           |     |        |
|---------------------------|-----|--------|
| New Brunswick.....        | 46  | 12,888 |
| Nova Scotia.....          | 178 | 42,032 |
| Quebec.....               | 32  | 3,815  |
| Ontario.....              | 58  | 4,446  |
| Prince Edward Island..... | 21  | 5,189  |
| British Columbia.....     | 15  | 675    |
| Manitoba.....             | 37  | 3,366  |
|                           | 387 | 72,411 |

COMPARATIVE STATEMENT of New Vessels Built and Registered in the Dominion of Canada, during the Years ended 31st December, 1874 to 1884.

| Provinces.   | 1874.    |        | 1875.    |        | 1876.    |        | 1877.    |        | 1878.    |        | 1879.    |       | 1880.    |       | 1881.    |       | 1882.    |       | 1883.    |       | 1884.    |       |
|--|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|
|  | Vessels. | Tons.  | Vessels. | Tons.  | Vessels. | Tons.  | Vessels. | Tons.  | Vessels. | Tons.  | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. | Vessels. | Tons. |
| New Brunswick.....   | 99       | 43027  | 65       | 33483  | 61       | 31040  | 54       | 31158  | 56       | 27388  | 43       | 19067 | 63       | 16896 | 57       | 16259 | 66       | 16820 | 73       | 21103 | 46       | 13888 |
| Nova Scotia.....   | 175      | 84480  | 177      | 67106  | 194      | 58771  | 219      | 47980  | 168      | 49781  | 126      | 39208 | 109      | 31257 | 150      | 40465 | 117      | 26711 | 202      | 36765 | 178      | 42032 |
| Quebec.....  | 73       | 20796  | 102      | 22825  | 51       | 17800  | 62       | 19253  | 46       | 10870  | 29       | 7421  | 33       | 8219  | 56       | 5673  | 26       | 6786  | 42       | 6594  | 32       | 3816  |
| Ontario.....   | 50       | 10797  | 53       | 7760   | 47       | 5397   | 28       | 3316   | 30       | 2409   | 42       | 2464  | 44       | 3610  | 54       | 5111  | 55       | 4368  | 34       | 4311  | 58       | 4446  |
| Prince Edward Island.....  | 88       | 24634  | 83       | 19838  | 62       | 14571  | 62       | 17026  | 38       | 10382  | 20       | 5279  | 21       | 3359  | 15       | 4351  | 15       | 3608  | 17       | 5343  | 21       | 5189  |
| British Columbia.....  | 5        | 276    | .....    | .....  | 1        | 121    | 2        | 204    | 2        | 45     | 5        | 788   | .....    | ..... | 2        | 85    | 8        | 1631  | 5        | 849   | 15       | 675   |
| Manitoba.....  | .....    | .....  | .....    | .....  | .....    | .....  | 3        | 48     | 1        | 15     | .....    | ..... | 1        | 100   | 2        | 116   | 1        | 289   | 2        | 125   | 37       | 3366  |
| Add new vessels built in Can-<br>ada, which proceeded to the<br>United Kingdom under a<br>Governor's pass without<br>being registered..... | 6        | 7746   | .....    | .....  | 3        | 2721   | 2        | 1943   | 1        | 633    | .....    | ..... | .....    | ..... | .....    | ..... | 1        | 1029  | .....    | ..... | .....    | ..... |
| Add new vessels which left<br>Quebec for registration in<br>Germany.....   | .....    | .....  | .....    | .....  | 1        | 480    | .....    | .....  | .....    | .....  | .....    | ..... | .....    | ..... | .....    | ..... | .....    | ..... | .....    | ..... | .....    | ..... |
| Totals.....  | 496      | 190756 | 480      | 151012 | 420      | 130901 | 433      | 120928 | 340      | 101506 | 265      | 74227 | 271      | 65441 | 336      | 74080 | 289      | 61142 | 374      | 74090 | 387      | 73411 |

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**COASTING TRADE OF CANADA.**

By the provisions of the Act 33 Vic., cap. 14, respecting the coasting trade of Canada, no goods or passengers can be carried by water from one port in Canada to another, except in British ships, but the Governor in Council may from time to time declare that the Act shall not apply to the ships or vessels of any foreign country in which British ships are admitted to the coasting trade of such country. The Parliament of Canada was empowered to pass the Act alluded to under the provisions of the Imperial Act 32 Vic., cap. 11, intituled: "An Act for amending the law relating to the Coasting Trade and Merchant Shipping in British Possessions," which came into operation in this country on its proclamation by the Governor General, on the 23rd October, 1869.

It having been ascertained that the following countries, viz.: Italy, Germany, Netherlands, Sweden and Norway, Austro-Hungary, Denmark and Belgium, allowed British ships or vessels to participate in their coasting trade on the same footing as their own national vessels, the ships of Italy, by Order in Council of the 13th August, 1873; those of Germany, by Order in Council of the 14th May, 1874; those of the Netherlands, by Order in Council of the 9th September, 1874; those of Sweden and Norway, by Order in Council of the 5th November, 1874; those of Austro-Hungary, by Order in Council of the 1st June, 1876; those of Denmark, by Order in Council of the 25th January, 1877; those of Belgium, by Order in Council of the 30th September, 1879, and those of the Argentine Republic, by Order in Council of the 18th May, 1881, were admitted to the coasting trade of Canada.

**REWARDS FOR SAVING LIFE.**

In the Supplement will be found a list of persons to whom rewards or testimonials have been granted by the Government of Canada for humane exertions in saving life from Canadian waters, and for generous services in caring for shipwrecked crews, and also of rewards given for saving life on the shores of Canada.

**ESTABLISHMENT STAFF AT OTTAWA.**

In Appendix No. 27 a statement is given showing the names of the members on the Establishment Staff of the Department at Ottawa, the rank held by each, and the amount of salary they severally received during the fiscal year ended 30th June, 1884.

## OUTSIDE SERVICE.

The number of persons employed on the Outside Service on the 31st December, 1884, was as follows.—

|   |       |
|---|-------|
| Superintendent of Lights and Light-keepers, &c., in Ontario and above Montreal.....   | 131   |
| Officers of Agency in City of Quebec, and Light-keepers, Fog-whistle Keepers, &c., at and below Montreal, in the Province of Quebec.....            | 206   |
| Agent, Clerk, Messenger, Superintendent of Light, Light-keepers, Fog-whistle Keepers, Attendants at Humane Establishments, &c., in Nova Scotia..... | 207   |
| Agent, Clerk, Messenger, Superintendent of Lights, Light-keepers, Fog-whistle Keepers, &c., in New Brunswick...                                     | 82    |
| Agent and Light-keepers in Prince Edward Island.....  | 34    |
| Agent and Light-keepers in British Columbia.....  | 10    |
| Officers and Crews of Dominion Steamers and Vessels.....  | 167   |
| Inspectors of Steamboats.....   | 15    |
| Examiners of Masters and Mates, and Clerk to Chairman of Board.....   | 20    |
| Harbour Police, Montreal and Quebec.....  | 74    |
| Officers and Servants in Marine Hospitals.....  | 75    |
| Shipping Masters.....   | 25    |
| Harbour Masters.....  | 170   |
| Officers of Observatories, Meteorological Observers, &c., receiving pay.....  | 96    |
| Receivers of Wreck.....   | 37    |
| Wharfingers.....  | 14    |
| Making a total of.....  | 1,363 |

For the previous year, prior to the division of the Department, the number was 1,991, including Fisheries officers. In addition to the 1,363 mentioned above, there are 76 Registrars of Shipping, who act under the direction and control of this Department, but are, at the same time, Collectors of Customs at the various Ports of Registration, and receive no salary or fees in their capacity of Registrars. There are 85 Measurers and Surveyors of Shipping at certain ports throughout the Dominion, who act as officers of this Department, and are remunerated from their fees of office, although, in addition to such office, many of them hold a position in the Customs Service. Also, in addition to the above, by Orders in Council of the 21st April and 2nd December, 1874, the Chief Officer of Customs at each port in the Provinces of Quebec, Nova Scotia, New Brunswick, British Columbia and Prince Edward Island,

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where no separate Shipping Office has been established, is to be held and deemed a Shipping Master, is to receive the fees, make half-yearly returns to this Department, and act in that capacity under its instructions.

From the above statement it will be seen that there are 96 Officers of Observatories, &c., who receive pay for the performance of their duties, but in addition thereto, there are a large number of Meteorological Observers throughout the Dominion who give their services gratuitously.

I have the honour to be, Sir,

Your most obedient servant,

WM. SMITH,

*Deputy Minister of Marine.*

DEPARTMENT OF MARINE,

OTTAWA, 1st January, 1885.

APPENDIX No. I

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Maintenance of Lights above Montreal, for the Fiscal Year ended 30th June, 1884.

|                                   |  | GENERAL ACCOUNT. |            | \$    | cts. | \$ | cts. |
|-----------------------------------|--|------------------|------------|-------|------|----|------|
| Patrick Harty .....               | 12 months salary as Superintendent of Lights .....                       |                  | \$1,176 00 |       |      |    |      |
| do .....                          | 12 months superannuation tax .....                                       |                  | 24 00      |       |      |    |      |
| do .....                          | Travelling expenses .....  |                  |            | 1,200 | 00   |    |      |
| John Corbett .....                | 12 months salary as Inspector .....                                      |                  |            | 75    | 00   |    |      |
| W. H. Noble .....                 | do inspecting and fitting up lighthouse apparatus, at \$2 per diem ..... |                  |            | 1,200 | 00   |    |      |
| do .....                          | Travelling expenses .....  |                  |            | 750   | 00   |    |      |
| Trinity House, London...          | To pay for chamois, sponges, etc .....                                   |                  |            | 224   | 10   |    |      |
| O. S. Shaw & Co.....              | Burners, wicks, collars, etc.....  |                  |            | 747   | 89   |    |      |
| "The Visitor" .....               | Advertising for tenders for supply steamer, etc.....                     |                  |            | 493   | 95   |    |      |
| Petroleum "Advertiser" .....      | do do .....  |                  |            | 2     | 90   |    |      |
| "Mail" Printing Co .....          | do do .....  |                  |            | 2     | 32   |    |      |
| "Gazette" do .....                | do do .....  |                  |            | 21    | 45   |    |      |
| Essex "Review" .....              | do do .....  |                  |            | 10    | 50   |    |      |
| "Evening Telegram" .....          | do do .....  |                  |            | 5     | 94   |    |      |
| "National Newspaper" .....        | do do .....  |                  |            | 5     | 94   |    |      |
| London "Free Press" .....         | do do .....  |                  |            | 6     | 70   |    |      |
| "Canadian" Printing Co .....      | do do .....  |                  |            | 17    | 08   |    |      |
| Kingston "News" .....             | do do .....  |                  |            | 9     | 16   |    |      |
| "Spectator" Printing Co .....     | do do .....  |                  |            | 2     | 90   |    |      |
| "Le Monde" .....                  | do do .....  |                  |            | 2     | 90   |    |      |
| "La Minerve" .....                | do do .....  |                  |            | 8     | 60   |    |      |
| "Irish Canadian" .....            | do do .....  |                  |            | 2     | 90   |    |      |
| "Journal" Printing Co .....       | do do .....  |                  |            | 2     | 90   |    |      |
| Hull "Depatch" .....              | do do .....  |                  |            | 3     | 80   |    |      |
| Goderich "Star" .....             | do do .....  |                  |            | 3     | 80   |    |      |
| London "Herald" .....             | do do .....  |                  |            | 3     | 80   |    |      |
| "Intelligencer" Printing Co ..... | do do .....  |                  |            |       |      |    |      |
| "Courier" Print'g House .....     | do do .....  |                  |            | 3     | 80   |    |      |
| Guelph "Herald" .....             | do do .....  |                  |            | 3     | 80   |    |      |
| M. S. Foley .....                 | do do .....  |                  |            | 3     | 80   |    |      |
| "Live Stock Journal" .....        | do do .....  |                  |            | 3     | 80   |    |      |
| R. Herring .....                  | do do .....  |                  |            | 6     | 08   |    |      |
| "The Shareholder" .....           | do do .....  |                  |            | 7     | 60   |    |      |
| "Protectionist" .....             | do do .....  |                  |            | 3     | 80   |    |      |
| Joseph Dussault .....             | do do .....  |                  |            | 3     | 80   |    |      |
| Dundas "Standard" .....           | do do .....  |                  |            | 3     | 80   |    |      |
| "Sun Publishing Co" .....         | do do .....  |                  |            | 5     | 10   |    |      |
| "World Printing Co" .....         | do do .....  |                  |            | 3     | 80   |    |      |
| Stratford "Times" .....           | do do .....  |                  |            | 3     | 80   |    |      |
| "Evening Canadian" .....          | do do .....  |                  |            | 3     | 80   |    |      |
| Berlin "News" .....               | do do .....  |                  |            | 3     | 80   |    |      |
| Bradford "Witness" .....          | do do .....  |                  |            | 3     | 80   |    |      |
| Huron "News Record" .....         | do do .....  |                  |            | 3     | 80   |    |      |
| Chatham "Planet" .....            | do do .....  |                  |            | 6     | 84   |    |      |
| Gananoque "Journal" .....         | do do .....  |                  |            | 3     | 04   |    |      |
| Parkdale "News" .....             | do do .....  |                  |            | 3     | 80   |    |      |
| Toronto "Sentinel" .....          | do do .....  |                  |            | 3     | 80   |    |      |
| J. R. Robertson .....             | do do .....  |                  |            | 3     | 80   |    |      |
| "Standard" Printing Co .....      | do do .....  |                  |            | 3     | 80   |    |      |
| T. J. Stanel .....                | do do .....  |                  |            | 3     | 80   |    |      |
| S. M. Conger Bros .....           | do do .....  |                  |            | 3     | 04   |    |      |
| "Standard" Publishing Co .....    | do do .....  |                  |            |       |      |    |      |
| J. White & Son .....              | do do .....  |                  |            | 3     | 80   |    |      |
| Woodstock "Times" .....           | do do .....  |                  |            | 3     | 04   |    |      |
| St. John "Daily News" .....       | do do .....  |                  |            | 4     | 80   |    |      |
| Carried forward .....             |  |                  |            | 4,932 | 17   |    |      |



STATEMENT of Expenditure on account of Maintenance of Lights above  
Montreal, etc.—Continued.

|                                       |   | \$ cts.    | \$ cts.   |
|---------------------------------------|---|------------|-----------|
|                                       | Brought forward .....   | 4,932 17   |           |
|                                       | GENERAL ACCOUNT—Concluded.  |            |           |
| Monetary "Times" .....                | Advertising for tenders for supply steamer, etc.....  | 3 80       |           |
| Montreal "Pilot" .....                | do do .....   | 3 80       |           |
| E. Divine & Co.....                   | do do .....   | 3 80       |           |
| J. B. Trayes .....                    | do do .....   | 3 80       |           |
| J. G. Gingras et Cie.....             | do do .....   | 3 40       |           |
| W. P. Anderson.....                   | Travelling expenses .....   | 200 53     |           |
| P. Baskerville & Co.....              | Brooms, barrels, etc. ....  | 136 50     |           |
| A. Rosenthal .....                    | 2 marine clocks .....   | 10 75      |           |
| Gault Bros. & Co. ....                | Towels, flannel, cotton, etc.....   | 296 49     |           |
| R. & W. Warminton ....                | Lanterns, globes and burners .....  | 89 94      |           |
| William Howe.....                     | Room paper, chamois, etc .....  | 34 45      |           |
| Fenwick & Sclater .....               | Rope, canvas, life preservers, etc.....   | 186 87     |           |
| McDougall, Logie & Co. ....           | 201 gallons oil at 5 $\frac{1}{2}$ c., \$115.58; paint, \$320.25...                             | 435 83     |           |
| Kenneth, Campbell & Co. ....          | Oil, alcohol, varnish, etc.....   | 103 73     |           |
| H. St. A. Ormond .....                | Paid freight and cartage .....  | 80 18      |           |
| O. C. Snowdon & Co.....               | Glaziers' diamonds, rope, scissors, etc.....  | 489 28     |           |
| Imperial Oil Co. ....                 | 7,511.56 gallons oil at 24 $\frac{1}{2}$ c .....  | \$1,840 33 |           |
| do .....                              | 5,207.35 do at 23 $\frac{1}{2}$ c .....   | 1,223 73   |           |
|                                       |   |            | 3,064 06  |
| A. D. Mackay .....                    | 50 tons coal, bagged, at \$8.75, \$437.50; 2 tons soft<br>coal at \$7.75, \$15.50 .....         | 453 00     |           |
| Union Glass Co.....                   | Chimneys .....  | 471 02     |           |
| Blyth & Kerr .....                    | Coal stoves, boxes, tin, rope, etc.....   | 154 90     |           |
| J. Roche .....                        | 40 oil tanks .....  | 586 13     |           |
| E. R. Carpenter .....                 | Paint brushes and chamois.....  | 20 63      |           |
| James Redden .....                    | 13 barrels lime .....   | 18 85      |           |
| T. Long & Bro .....                   | Lumber .....  | 49 43      |           |
| A. H. Johnson.....                    | Chamois .....   | 6 48       |           |
| M. Murphy .....                       | Paint, pitch, oakum, etc.....   | 7 41       |           |
| L. C. Barney .....                    | Plate glass .....   | 119 38     |           |
| Canadian Pacific Railway              | Freight on glass, etc.....  | 23 00      |           |
| Merchants' Bank.....                  | To pay John Corbett's draft, travelling expenses ...  | 100 00     |           |
| Ove Lange .....                       | Patent fog-horns .....  | 81 00      |           |
| R. O. Mackay .....                    | Charter of steamer "Celtic" to deliver<br>lighthouse supplies .....                             | \$2,375 00 |           |
| do .....                              | 2 $\frac{1}{2}$ days' demurrage.....  | 62 50      |           |
|                                       |   |            | 2,437 50  |
| F. O. Vallerand .....                 | 10 fog-horns.....   | 257 65     |           |
| J. A. Robertson .....                 | Travelling expenses .....   | 9 70       |           |
| W. A. Owen .....                      | do .....  | 23 75      |           |
| Kearns & Ryan .....                   | Towels .....  | 5 63       |           |
| H. Meadows & Co.....                  | Iron pails, etc. ....   | 5 49       |           |
| E. B. Eddy .....                      | 14 cases matches .....  | 59 50      |           |
| British American Bank<br>Note Co..... | Printing cheque books.....  | 59 50      |           |
| John O'Neil .....                     | Storage of two lights.....  | 4 20       |           |
| E. Chanteloup.....                    | Burners, repairing reflectors, etc .....  | 155 60     |           |
| A. W. Jones .....                     | 2 pairs oars .....  | 5 00       |           |
| G. T. O. Elvell .....                 | Sponges .....   | 1 50       |           |
| Harrison & Son .....                  | Marine glasses .....  | 116 80     |           |
| George Campbell .....                 | Maintenance of Colchester Reef Lightship during<br>season 1883.....                             | 1,440 00   |           |
| Inland Revenue Dept. ....             | 1 pyrometer .....   | 31 00      |           |
| A. Workman .....                      | Oil, rope, etc.....   | 51 38      |           |
| Duff & Gatfield .....                 | Services keeping signals at Lime Kiln Crossing, and<br>showing depth of water during 1883 ..... | 500 00     |           |
| H. G. Roche.....                      | 5 oil tanks .....   | 73 27      |           |
| O. C. Ray.....                        | Express charges on oil .....  | 2 00       |           |
| G. A. Harris .....                    | Freight .....   | 114 90     |           |
| Clifton Manufacturing<br>Co. ....     | 1 gross magic wick trimmers .....   | 30 00      |           |
| H. Allan & Co .....                   | Towels, etc .....   | 5 79       |           |
| Stewart & Fleck.....                  | Frames, holders and screws.....   | 35 40      |           |
|                                       | Carried forward.....  |            | 17,596 08 |

STATEMENT of Expenditure on account of Maintenance of Lights above  
Montreal, etc.—*Continued.*

|  |   | \$     | cts.   | \$ | cts.      |
|--|---|--------|--------|----|-----------|
| Brought forward.....   |   | 17,596 | 08     |    |           |
| Canada Atlantic Railway<br>Steam Gauge & Lantern<br>Co. .... | Freight on fog-horn, lantern, etc.....  |        | 4 83   |    |           |
| J. R. Esmonde .....  | Burners .....   |        | 5 71   |    |           |
| Hon. J. Simpson.....   | Gas measures .....  |        | 3 85   |    |           |
| C. Fairman & Co. ....  | Maintaining Light at Port Darlington Pier during<br>season 1884.....                            |        | 100 00 |    |           |
| Chance Bros. & Co.....                                       | Cast steel sash cord, etc. ....   |        | 21 00  |    |           |
| James Byrnes.....  | 2 anchor lights and glass .....   |        | 405 75 |    |           |
| Mayor of Kingston .....                                      | Cartage .....   |        | 4 00   |    |           |
| do .....   | Lighting City Clock during 1883,<br>keeper's salary.....  | \$100  | 00     |    |           |
| do .....   | Share of gas .....  | 288    | 13     |    |           |
|  |   |        | 388 13 |    |           |
| <i>Bar Point Lightship.</i>                                  |   |        |        |    | 18,529 35 |
| John Manson .....  | 12 months salary as Lightkeeper .....   | \$495  | 63     |    |           |
| do .....   | do superannuation tax.....  |        | 4 37   |    |           |
| John Manson .....  | Allowance towards pay for assistant.....  |        | 500 00 |    |           |
| do .....   | Paid for towage of Light-ship, getting up chain,<br>placing vessel and travelling expenses..... |        | 50 00  |    |           |
| H. D. Edwards & Co.....                                      | Rope, oakum, pump, etc. ....  |        | 43 45  |    |           |
| J. M. Jones .....  | Hire of tug "Kincardine" .....  |        | 113 59 |    |           |
| Springwells Dry Dock Co.                                     | Dockage, caulking, etc.....   |        | 40 00  |    |           |
| Tug "Hercules" .....   | Towage .....  |        | 147 50 |    |           |
| Mail Printing Co. ....                                       | Advertising notices to mariners .....   |        | 30 00  |    |           |
| H. Manson.....   | Boating lamp from Detroit .....   |        | 6 00   |    |           |
| J. Menzies.....  | do do .....   |        | 4 00   |    |           |
| A. Hackett.....  | do do .....   |        | 4 00   |    |           |
| James Menzies.....   | 2 days work as carpenter.....   |        | 5 00   |    |           |
| Canadian Express Co. .                                       | Charges on lantern .....  |        | 6 10   |    |           |
| Geo. Middleditch.....  | Shackle keys, iron chain, etc.....  |        | 63 16  |    |           |
| O. W. O'Rouke .....  | Carpenters and caulkers repairs.....  |        | 35 00  |    |           |
| J. D. Buck.....  | Chisel, nails, etc .....  |        | 5 08   |    |           |
| "City of Dresden" .....                                      | Towing and placing.....   |        | 60 00  |    |           |
| Park & Borrowman .....                                       | Use of booms, dockage, etc.....   |        | 39 00  |    |           |
|  |   |        |        |    | 1,154 88  |
| <i>Batchewana Bay.</i>                                       |   |        |        |    |           |
| Andrew Crawford .....  | 12 months salary as Light-keeper.....   |        |        |    | 350 00    |
| <i>Battle Island.</i>  |   |        |        |    |           |
| C. S. McKay.....   | 12 months salary as Light-keeper.....   | \$493  | 75     |    |           |
| do .....   | do superannuation tax.....  |        | 6 25   |    |           |
|  |   |        |        |    | 500 00    |
| <i>Beauharnois.</i>  |   |        |        |    |           |
| Joseph Meloche .....   | 12 months salary as Light-keeper .....  |        | 222 19 |    |           |
| do .....   | do superannuation tax.....  |        | 2 81   |    |           |
|  |   |        |        |    | 225 00    |
| <i>Belleville.</i>   |   |        |        |    |           |
| John Covert .....  | 12 months salary as Light-keeper .....  | \$197  | 50     |    |           |
| do .....   | do superannuation tax.....  |        | 2 50   |    |           |
|  |   |        | 200 00 |    |           |
| John Corbett .....   | On account of repairs .....   |        | 50 00  |    |           |
| J. W. Walker.....  | Nails, screws, etc.....   |        | 13 47  |    |           |
| Rathbun & Co .....   | Shingles, culls, etc .....  |        | 50 08  |    |           |
|  |   |        |        |    | 313 55    |
| Carried forward.....   |   |        |        |    | 21,072 78 |

STATEMENT of Expenditure on account of Maintenance of Lights above Montreal, etc.—Continued.

|                                |  | \$    | cts. | \$     | cts.      |
|--------------------------------|--|-------|------|--------|-----------|
|                                | Brought forward .....  |       |      | 21,072 | 78        |
| <i>Bois Blanc.</i>             |  |       |      |        |           |
| Andrew Hackett.....            | 12 months salary as Light-keeper.....                                | \$829 | 56   |        |           |
| do .....                       | do superannuation tax.....   | 5     | 44   |        |           |
|                                |  |       |      | 835    | 00        |
| do .....                       | Paid for curtain cord and conveyance of oil.....                     |       |      | 3      | 92        |
|                                |  |       |      |        | 838 92    |
| <i>Brown or Knapp's Point.</i> |  |       |      |        |           |
| Patrick McAvoy .....           | 12 months salary as Light-keeper.....                                | \$148 | 13   |        |           |
| do .....                       | do superannuation tax .....  | 1     | 87   |        |           |
|                                |  |       |      | 150    | 00        |
| do .....                       | Paid for material for stable.....                                    |       |      | 40     | 00        |
|                                |  |       |      |        | 190 00    |
| <i>Burlington Beach.</i>       |  |       |      |        |           |
| Thomas Campbell.....           | 12 months salary as Light-keeper.....                                | \$296 | 25   |        |           |
| do .....                       | do superannuation tax.....   | 3     | 75   |        |           |
|                                |  |       |      | 300    | 00        |
| do .....                       | Paid for 2 cords of wood .....                                       |       |      | 10     | 00        |
| Joseph Stonehem..              | Plastering ceiling .....   |       |      | 12     | 00        |
|                                |  |       |      |        | 322 00    |
| <i>Burnt Island</i>            |  |       |      |        |           |
| C. Turcotte.....               | 12 months salary as Light-keeper.....                                | \$246 | 88   |        |           |
| do .....                       | do superannuation tax .....  | 3     | 12   |        |           |
|                                |  |       |      | 250    | 00        |
| do .....                       | Paid for lumber.....   |       |      | 5      | 00        |
|                                |  |       |      |        | 255 00    |
| <i>Byng Inlet.</i>             |  |       |      |        |           |
| Maganetewan Lumber Co.         | Attending Light, from 1st Jan to 30th April, 1883..                  |       |      | 83     | 33        |
| do .....                       | Lumber.....  |       |      | 27     | 60        |
| James Milne.....               | 10 months and 16 days salary as Light-keeper, to 16th May, 1884..... |       |      | 219    | 43        |
| Jos. Lamondin.....             | Salary from 17th May to 30th June, 1884, as Light-keeper.....        |       |      | 30     | 57        |
|                                |  |       |      |        | 360 93    |
| <i>Campbell Island.</i>        |  |       |      |        |           |
| Alex. Wilson.....              | 12 months salary as Light-keeper.....                                | \$148 | 13   |        |           |
| do .....                       | do superannuation tax.....   | 1     | 87   |        |           |
|                                |  |       |      | 150    | 00        |
| R, Wilson .....                | Painting .....   |       |      | 25     | 00        |
| Dey Bros. ....                 | Boat and cartage .....   |       |      | 27     | 50        |
|                                |  |       |      |        | 202 50    |
| <i>Chantry Island.</i>         |  |       |      |        |           |
| W. McG. Lambert .....          | 12 months salary as Light-keeper .....                               | \$444 | 37   |        |           |
| do .....                       | do superannuation tax .....  | 5     | 63   |        |           |
|                                |  |       |      | 450    | 00        |
| do .....                       | Paid for storm sash, repairs to boat-house, etc.....                 |       |      | 37     | 30        |
| T. McG. Lambert. ....          | Shingling, etc. ....   |       |      | 10     | 50        |
| D. Robertson .....             | Repairs to wire-ropes protection .....                               |       |      | 217    | 65        |
|                                |  |       |      |        | 715 45    |
|                                | Carried forward .....  |       |      |        | 23,957 58 |

STATEMENT of Expenditure on account of Maintenance of Lights above  
Montreal, etc.—Continued.

|   |  | \$    | cts. | \$     | cts. |
|---|--|-------|------|--------|------|
| Brought forward.....                    |  |       |      | 23,957 | 58   |
| <i>Cherry Island.</i>                   |  |       |      |        |      |
| Edward S. Johnson.....                  | Salary for July and Aug. as Light-keeper                                 | \$73  | 62   |        |      |
| do .....                                | Superannuation tax do do ...   | 0     | 88   |        |      |
|   |  |       | 74   | 50     |      |
| Isaac Johnson .....                     | 10 months salary to 30th June, 1884, as Light-keeper                     | 250   | 00   |        |      |
| L. O. Barney .....                      | Plate glass .....  | 46    | 00   |        |      |
| A. Cameron .....                        | Amount of contract .....   | 821   | 00   |        |      |
| R. M. Campbell .....                    | Advertising for tenders .....  | 2     | 50   |        |      |
| E. Chanteloup.....                      | Cast iron lantern, blinds, etc. ....                                     | 341   | 92   |        |      |
| D. McGrier .....                        | Inspecting .....   | 90    | 02   |        |      |
| W. H. Noble.....                        | Travelling expenses.....   | 8     | 45   |        |      |
|   |  |       |      | 1,634  | 39   |
| <i>Christian Island.</i>                |  |       |      |        |      |
| John Hoar .....                         | 12 months salary as Light-keeper. ....                                   | \$429 | 69   |        |      |
| do .....                                | do superannuation tax.....   | 5     | 31   |        |      |
|   |  |       | 435  | 00     |      |
| do .....                                | Paid on account, building pier .....                                     | 140   | 00   |        |      |
|   |  |       |      | 575    | 00   |
| <i>Clapperton Island.</i>               |  |       |      |        |      |
| B. B. Baker .....                       | 12 months salary as Light-keeper. ....                                   | 345   | 63   |        |      |
| do .....                                | do superannuation tax.....   | 4     | 37   |        |      |
|   |  |       |      | 350    | 00   |
| <i>Cobourg.</i>                         |  |       |      |        |      |
| Robert Gordon.....                      | Taking charge of light from 28th May, 1883, to 31st<br>March, 1884 ..... | 84    | 41   |        |      |
| do .....                                | Paid freight on oil, oil tank, etc.....                                  | 34    | 22   |        |      |
| J. R. Barbour .....                     | Erecting oil-shed, lamps, etc. ....                                      | 110   | 00   |        |      |
|   |  |       |      | 228    | 63   |
| <i>Cole Shoal.</i>                      |  |       |      |        |      |
| E. J. Rawsam .....                      | 9 months salary to 31st March, 1884, as Light-keeper                     | 187   | 50   |        |      |
| R. P. Boyd .....                        | 3 do to 30th June, 1884, do ...  | 62    | 50   |        |      |
| John Corbett.....                       | Travelling expenses.....   | 23    | 50   |        |      |
| W. P. Anderson .....                    | do .....   | 14    | 80   |        |      |
| The Rathbun Co.....                     | Lumber .....   | 231   | 25   |        |      |
| J. Ringland .....                       | Repairing pier .....   | 165   | 00   |        |      |
| D. B. Stacey.....                       | Hardware, nails, screws, etc.....  | 26    | 03   |        |      |
| W. H. Harrison .....                    | Covering deck of light .....   | 25    | 00   |        |      |
|   |  |       |      | 735    | 58   |
| <i>Collingwood.</i>                     |  |       |      |        |      |
| Andrew Lockerbie.....                   | 12 months salary as Light-keeper .....                                   | 200   | 00   |        |      |
| do .....                                | Paid for carpenter's work and freight on lantern ...                     | 19    | 67   |        |      |
| P. Doherty .....                        | Oars .....   | 10    | 50   |        |      |
| J. Henderson .....                      | Ruby glass, chain, manilla rope, etc.....                                | 8     | 67   |        |      |
| Evans & Haultain .....                  | 1 box stove.....   | 10    | 50   |        |      |
| Queen's Dry Dock and<br>Ship-yard ..... | Repairing 2 boats .....  | 39    | 79   |        |      |
|   |  |       |      | 289    | 13   |
| <i>Côteau Island.</i>                   |  |       |      |        |      |
| E. B. Prieur.....                       | 12 months salary as Light-keeper .....                                   |       |      | 140    | 00   |
| Carried forward.....                    |  |       |      | 27,910 | 31   |

STATEMENT of Expenditure on account of Maintenance of Lights above Montreal, etc.—Continued.

|                           |   | \$    | cts.   | \$     | cts. |
|---------------------------|---|-------|--------|--------|------|
|                           | Brought forward.....                          |       |        | 27,910 | 31   |
| <i>Colchester Reef.</i>   |   |       |        |        |      |
| Huron "News Record".....  | Advertising for tenders .....                 |       | 3 64   |        |      |
| T. A. Anderson.....       | do .....                                      |       | 2 24   |        |      |
| Chatham "Planet".....     | do .....                                      |       | 2 90   |        |      |
| "The Visitor".....        | do .....                                      |       | 2 80   |        |      |
| St. Thomas "Times".....   | do .....                                      |       | 2 80   |        |      |
| Ridgetown "Standard"..... | do .....                                      |       | 2 80   |        |      |
| London "Herald".....      | do .....                                      |       | 2 80   |        |      |
| Owen Sound "Times".....   | do .....                                      |       | 2 24   |        |      |
| Pictou "Gazette".....     | do .....                                      |       | 2 24   |        |      |
| G. Campbell.....          | Signal lamps and shades .....                 |       | 52 00  |        |      |
| F. B. Hackett .....       | Express charges on 2 lanterns .....           |       | 8 55   |        |      |
|                           |   |       |        | 85     | 01   |
| <i>Deep River Island.</i> |   |       |        |        |      |
| Owen Smith.....           | 12 months salary as Light-keeper.....         |       | 100 00 |        |      |
| do .....                  | Freight of supplies.....                      |       | 3 11   |        |      |
|                           |   |       |        | 103    | 11   |
| <i>Dorval.</i>            |   |       |        |        |      |
| Benjamin Gloude.....      | 12 months salary as Light-keeper.....         | \$296 | 25     |        |      |
| do .....                  | do superannuation tax.....                    |       | 3 75   |        |      |
|                           |   |       |        | 300    | 00   |
| E. Chanteloup.....        | Burners, oil cups, repairs to lamps, etc..... |       | 23 63  |        |      |
| T. Desmarais.....         | Boat and oars.....                            |       | 17 00  |        |      |
| H. St. A. Ormond.....     | Paid freight on boat, etc.....                |       | 2 00   |        |      |
| T. Duchesneau.....        | 2 cords wood .....                            |       | 10 00  |        |      |
| T. Brunet.....            | Repairing railing.....                        |       | 13 34  |        |      |
|                           |   |       |        | 365    | 97   |
| <i>False Ducks.</i>       |   |       |        |        |      |
| F. Swetman.....           | 12 months salary as Light-keeper.....         | \$429 | 69     |        |      |
| do .....                  | do superannuation tax.....                    |       | 5 31   |        |      |
|                           |   |       |        | 435    | 00   |
| do .....                  | Paid for chimneys, freight and cartage.....   |       | 5 60   |        |      |
|                           |   |       |        | 440    | 60   |
| <i>French River.</i>      |   |       |        |        |      |
| Edward Borron, jun.....   | 12 months salary as Light-keeper.....         | \$493 | 75     |        |      |
| do .....                  | do superannuation tax.....                    |       | 6 25   |        |      |
|                           |   |       |        | 500    | 00   |
| do .....                  | Paid freight on skiff and lamp.....           |       | 5 60   |        |      |
| William Watts.....        | Boat, skiff and oars.....                     |       | 162 50 |        |      |
|                           |   |       |        | 668    | 10   |
| <i>Frenchman's Bay.</i>   |   |       |        |        |      |
| John Leng.....            | 12 months salary as Light-keeper.....         |       | 100 00 |        |      |
| C. Dale.....              | Hardware.....                                 |       | 56 59  |        |      |
|                           |   |       |        | 156    | 59   |
| <i>Gananoque Narrows.</i> |   |       |        |        |      |
| Cornelius Cook.....       | 12 months salary as Light-keeper.....         |       | 474 00 |        |      |
| do .....                  | do superannuation tax .....                   |       | 6 00   |        |      |
|                           |   |       |        | 480    | 00   |
|                           | Carried forward.....                          |       |        | 30,209 | 69   |

STATEMENT of Expenditure on account of Maintenance of Lights above Montreal, etc.—Continued.

|                                       |   | \$    | cts. | \$     | cts.      |
|---------------------------------------|---|-------|------|--------|-----------|
|                                       | Brought forward .....                                       |       |      | 30,209 | 69        |
| <i>Gibraltar Point.</i>               |   |       |      |        |           |
| George Durnan.....                    | 12 months salary as Light-keeper.....                       | \$529 | 69   |        |           |
| do .....                              | do superannuation tax.....                                  | 5     | 31   |        |           |
|                                       |   |       | 535  | 00     |           |
| Wheeler & Bain.....                   | Smoke stack.....  |       | 8    | 50     |           |
| E. M. Morphy.....                     | Repairs to fog-bell.....                                    |       | 8    | 00     |           |
|                                       |   |       |      |        | 551 50    |
| <i>Gin Rock.</i>                      |   |       |      |        |           |
| William Baxter.....                   | 12 months salary as Light-keeper.....                       | \$295 | 63   |        |           |
| do .....                              | do superannuation tax.....                                  | 4     | 37   |        |           |
|                                       |   |       | 300  | 00     |           |
| do .....                              | Paid for painting.....                                      |       | 6    | 00     |           |
| do .....                              | do boat hire for season 1883.....                           |       | 16   | 00     |           |
|                                       |   |       |      |        | 316 00    |
| <i>Glengarry or Stonehouse Point.</i> |   |       |      |        |           |
| Mrs. K. McLachlin .....               | 12 months salary as Acting Light-keeper.....                | 290   | 00   |        |           |
| J. K. McLachlin.....                  | Building fence and boathouse .....                          |       | 57   | 18     |           |
|                                       |   |       |      |        | 257 18    |
| <i>Goderich.</i>                      |   |       |      |        |           |
| Geo. N. McDonald.....                 | 12 months salary as Light-keeper.....                       | \$395 | 00   |        |           |
| do .....                              | do superannuation tax.....                                  | 5     | 00   |        |           |
|                                       |   |       | 400  | 00     |           |
| do .....                              | Paid for repairing breakwater .....                         |       | 79   | 41     |           |
| H. Mariton.....                       | Boat, *36; repairs to walk, \$52.82 .....                   |       | 88   | 82     |           |
| J. Saunders & Son.....                | Stepladder, alcohol, etc.....                               |       | 19   | 70     |           |
| Buchanan, Lawson & Robertson .....    | Lumber.....   |       | 13   | 84     |           |
|                                       |   |       |      |        | 601 77    |
| <i>Gore Bay</i>                       |   |       |      |        |           |
| Robert Boyter.....                    | 3 months salary, to 30th Sept., 1883, as Light-keeper ..... | \$ 61 | 72   |        |           |
| do .....                              | do superannuation tax.....                                  | 0     | 78   |        |           |
|                                       |   |       | 62   | 50     |           |
| do .....                              | 9 do salary, to 30th June, as Light-keeper.....             | \$259 | 23   |        |           |
| do .....                              | do superannuation tax .....                                 | 3     | 28   |        |           |
|                                       |   |       | 262  | 51     |           |
| E. H. Jackson.....                    | Ladder.....   |       | 8    | 00     |           |
| M. Olmstead.....                      | Pickaxe.....  |       | 1    | 50     |           |
| Chance Bros. & Co.....                | Lighting apparatus.....                                     |       | 105  | 85     |           |
|                                       |   |       |      |        | 440 36    |
| <i>Great Duck Island.</i>             |   |       |      |        |           |
| William Purvis .....                  | 12 months salary as Light-keeper. ....                      | \$493 | 75   |        |           |
| do .....                              | do superannuation tax.....                                  | 6     | 25   |        |           |
|                                       |   |       | 500  | 00     |           |
| do .....                              | Paid for building dock, etc .....                           |       | 100  | 00     |           |
|                                       |   |       |      |        | 600 00    |
| <i>Green Shoal.</i>                   |   |       |      |        |           |
| Alfred Laberge .....                  | 12 months salary as Light-keeper .....                      | \$247 | 00   |        |           |
| do .....                              | do superannuation tax.....                                  | 3     | 00   |        |           |
|                                       |   |       | 250  | 00     |           |
| do .....                              | Paid freight and wharfage on oil .....                      |       | 2    | 50     |           |
|                                       |   |       |      |        | 252 50    |
|                                       | Carried forward.....  |       |      |        | 33,229 00 |

STATEMENT of Expenditure on account of Maintenance of Lights above  
Montreal etc.—*Continued.*

|                                 |  | \$                    | cts. | \$        | cts. |
|---------------------------------|--|-----------------------|------|-----------|------|
|                                 |  | Brought forward ..... |      | 38,229 00 |      |
| <i>Grenadier Island.</i>        |  |                       |      |           |      |
| Albert Root .....               | 12 months salary as Light-keeper .....             | 246                   | 88   |           |      |
| do .....                        | do superannuation tax .....                        | 3                     | 12   |           |      |
|                                 |  |                       |      | 250 00    |      |
| <i>Griffith's Island.</i>       |  |                       |      |           |      |
| G. W. Patterson .....           | 12 months salary as Light-keeper .....             | \$345                 | 00   |           |      |
| do .....                        | do superannuation tax .....                        | 5                     | 00   |           |      |
|                                 |  |                       |      | 350 00    |      |
| do .....                        | Paid for painting tower, repairing boat, etc ..... | 53                    | 50   |           |      |
|                                 |  |                       |      | 403 50    |      |
| <i>Gross Point.</i>             |  |                       |      |           |      |
| William Shannon .....           | 12 months salary as Light-keeper .....             | \$429                 | 69   |           |      |
| do .....                        | do superannuation tax .....                        | 5                     | 31   |           |      |
|                                 |  |                       |      | 435 00    |      |
| George Shannon .....            | do salary as assistant .....                       | \$172                 | 81   |           |      |
| do .....                        | do superannuation tax .....                        | 2                     | 19   |           |      |
|                                 |  |                       |      | 175 00    |      |
| A. McCorkell .....              | Boat and oars .....                                | 58                    | 00   |           |      |
| A. Clark .....                  | 2 cords wood .....                                 | 8                     | 00   |           |      |
|                                 |  |                       |      | 676 00    |      |
| <i>Gull Island.</i>             |  |                       |      |           |      |
| Robert Roddick .....            | 12 months salary as Light-keeper .....             | \$493                 | 75   |           |      |
| do .....                        | do superannuation tax .....                        | 6                     | 25   |           |      |
|                                 |  |                       |      | 500 00    |      |
| do .....                        | Paid for painting and freight .....                | 13                    | 36   |           |      |
| John Corbett .....              | To pay workmen at repairs, etc .....               | 1,205                 | 00   |           |      |
| J. S. Leverich .....            | Square timber .....                                | 917                   | 00   |           |      |
| J. W. Wallace .....             | Flooring .....                                     | 20                    | 75   |           |      |
| T. Leonard .....                | Tools for carpenters .....                         | 30                    | 04   |           |      |
| J. S. Leverich .....            | Lumber .....                                       | 90                    | 71   |           |      |
| John Balts .....                | Towing lumber .....                                | 62                    | 50   |           |      |
| J. A. Brown & Co .....          | 4 tons coal, at \$6 .....                          | 24                    | 00   |           |      |
|                                 |  |                       |      | 2,863 36  |      |
| <i>Hamilton's Island.</i>       |  |                       |      |           |      |
| John Hamilton .....             | 12 months salary as Light-keeper .....             |                       |      | 120 00    |      |
| <i>Head of Deschene Rapids.</i> |  |                       |      |           |      |
| M. Murphy .....                 | 12 months salary as Light-keeper .....             | 100                   | 00   |           |      |
| do .....                        | Paid for paint, repairs to boat, etc .....         | 16                    | 79   |           |      |
|                                 |  |                       |      | 116 79    |      |
| <i>Hope Island.</i>             |  |                       |      |           |      |
| "Northern Advance" .....        | Advertising for tenders .....                      |                       |      | 4 06      |      |
| <i>Isle of Coves.</i>           |  |                       |      |           |      |
| George Currie .....             | 12 months salary as Light-keeper .....             | \$637                 | 00   |           |      |
| do .....                        | do superannuation tax .....                        | 13                    | 00   |           |      |
|                                 |  |                       |      | 650 00    |      |
| do .....                        | Paid for whitewashing, etc .....                   | 95                    | 00   |           |      |
|                                 |  |                       |      | 745 00    |      |
|                                 |  | Carried forward ..... |      | 38,407 71 |      |

## STATEMENT of Expenditure on account of Maintenance of Lights above Montreal, etc.—Continued.

|                          |   | \$    | cts. | \$     | cts. |
|--------------------------|---|-------|------|--------|------|
|                          | Brought forward.....                                    |       |      | 38,407 | 71   |
|                          | <i>Isle Perrot.</i>                                     |       |      |        |      |
| H. Robillard.....        | 12 months salary as Light-keeper .....                  | 60    | 00   |        |      |
| do .....                 | Paid for paint for boat .....                           | 4     | 25   |        |      |
| J. Sheridan.....         | Erecting pier.....                                      | 276   | 00   |        |      |
| H. St. A. Ormond .....   | Inspecting foundation .....                             | 8     | 40   |        |      |
|                          |   |       |      | 348    | 65   |
|                          | <i>Killarney.</i>                                       |       |      |        |      |
| P. R. de Lamorandière... | 9 months salary as Light-keeper at \$350                |       |      |        |      |
|                          | per annum.....  | \$259 | 20   |        |      |
| do .....                 | do superannuation tax .....                             | 3     | 27   |        |      |
|                          |   | 262   | 47   |        |      |
| do .....                 | 3 do salary as Light-keeper, at \$400                   |       |      |        |      |
|                          | per annum.....  | \$98  | 75   |        |      |
| do .....                 | do superannuation tax .....                             | 1     | 25   |        |      |
|                          |   | 100   | 00   |        |      |
| P. Doherty .....         | Boat with oars .....                                    | 40    | 00   |        |      |
|                          |   |       |      | 402    | 47   |
|                          | <i>Kincardine.</i>                                      |       |      |        |      |
| Wm. Kay.....             | 3 months salary as Light-keeper .....                   | \$73  | 90   |        |      |
| do .....                 | do superannuation tax.....                              | 1     | 10   |        |      |
|                          |   | 75    | 00   |        |      |
| do .....                 | 9 do salary .....                                       | \$259 | 23   |        |      |
| do .....                 | do superannuation tax.....                              | 3     | 77   |        |      |
|                          |   | 262   | 50   |        |      |
| do .....                 | Allowance for fuel .....                                | 15    | 00   |        |      |
| do .....                 | Paid for freight, teaming lumber, ladder, lantern       |       |      |        |      |
|                          | and taking down apparatus .....                         | 35    | 78   |        |      |
| G. Sturgeon .....        | Chimneys.....   | 2     | 05   |        |      |
| J. S. Greenhill.....     | Red lead and hooks .....                                | 3     | 46   |        |      |
| Canada Atlantic Ry ..... | Freight on apparatus .....                              | 8     | 15   |        |      |
| Stephen Bros.....        | Red glass .....   | 5     | 90   |        |      |
| A. J. Evans .....        | Lumber.....   | 16    | 07   |        |      |
| George Baily .....       | 100 ft. galvanized rope.....                            | 5     | 50   |        |      |
|                          |   |       |      | 429    | 41   |
|                          | <i>Lachine Pier and Lake St. Louis Lightship No. 1.</i> |       |      |        |      |
| Charles Leger .....      | 12 months salary as Light-keeper on pier                | \$197 | 50   |        |      |
| do .....                 | do superannuation tax.....                              | 2     | 50   |        |      |
|                          |   | 200   | 00   |        |      |
| Simon Meloche.....       | do salary as Light-keeper.....                          | \$246 | 88   |        |      |
| do .....                 | do superannuation tax .....                             | 3     | 12   |        |      |
|                          |   | 250   | 00   |        |      |
| do .....                 | Allowance for fuel, 1883-84.....                        | 8     | 00   |        |      |
| E. Chanteloup.....       | Burners .....   | 2     | 69   |        |      |
| T. Desmarais.....        | Boat and oars .....                                     | 17    | 00   |        |      |
| T. Chapman .....         | Repairing davits .....                                  | 2     | 67   |        |      |
| Ross Bros. & Co.....     | 45 fathoms chain.....                                   | 162   | 60   |        |      |
| A. Ramsay & Sons .....   | Metallic iron, oil, etc .....                           | 14    | 51   |        |      |
| H. St. A. Ormond.....    | Paid for travelling expenses, freight, cartage and      |       |      |        |      |
|                          | repairs to boat.....                                    | 34    | 11   |        |      |
|                          |   |       |      | 691    | 58   |
|                          | <i>Lake St. Louis Lightship No. 2.</i>                  |       |      |        |      |
| Isaie Taillefer .....    | 12 months salary as Light-keeper.....                   | \$296 | 25   |        |      |
| do .....                 | do superannuation tax.....                              | 3     | 75   |        |      |
|                          |   | 300   | 00   |        |      |
| do .....                 | Allowance for fuel, 1884 .....                          | 8     | 00   |        |      |
| E. Chanteloup.....       | Burners and reservoirs .....                            | 36    | 50   |        |      |
|                          |   |       |      | 344    | 50   |
|                          | Carried forward.....                                    |       |      | 40,279 | 82   |



STATEMENT of Expenditure on account of Maintenance of Lights above Montreal, etc.—Continued.

|  |   | \$    | cts    | \$     | cts.   |
|--|---|-------|--------|--------|--------|
|  | Brought forward.....                                      |       |        | 40,279 | 82     |
| <i>Lake St. Louis Lightship No. 2—Concluded.</i> |   |       |        |        |        |
| T. Chapman.....                                  | Repairing davits.....                                     |       | 2 67   |        |        |
| A. Paré.....                                     | Hire of tug "Humber," for towing.....                     |       | 23 00  |        |        |
| John Findlay.....                                | Stove, etc.....   |       | 9 80   |        |        |
| A. Ramsay & Son.....                             | Metallic irons, oil, etc.....                             |       | 14 51  |        |        |
| H. St. A. Ormond.....                            | Travelling expenses, paid blacksmith, etc.....            |       | 45 36  |        |        |
|  |   |       |        | 439    | 84     |
| <i>Lake St. Louis Lightship No. 3.</i>           |   |       |        |        |        |
| Olivier Veaudry.....                             | 12 months salary as Light-keeper.....                     | \$296 | 25     |        |        |
| do.....  | do superannuation tax.....                                |       | 3 75   |        |        |
|  |   |       |        | 300    | 00     |
| do.....  | Allowance for fuel for 1884.....                          |       | 8 00   |        |        |
| T. Chapman.....                                  | Repairing davits.....                                     |       | 2 66   |        |        |
| A. Ramsay & Son.....                             | Metallic irons, oil, etc.....                             |       | 14 51  |        |        |
| H. St. A. Ormond.....                            | Travelling expenses.....                                  |       | 25 10  |        |        |
|  |   |       |        | 350    | 27     |
| <i>Lamb Island.</i>                              |   |       |        |        |        |
| W. T. Richards.....                              | 12 months salary as Light-keeper, to 30th June, 1884..... |       | 400 00 |        |        |
| do.....  | Salary from 1st April to 30th June, 1883.....             |       | 75 00  |        |        |
|  |   |       |        | 475    | 00     |
| <i>Lancaster Bar.</i>                            |   |       |        |        |        |
| George H. Johnson.....                           | 12 months salary as Light-keeper.....                     |       | 321 88 |        |        |
| do.....  | do superannuation tax.....                                |       | 3 12   |        |        |
|  |   |       |        | 325    | 00     |
| <i>Lancaster Pier.</i>                           |   |       |        |        |        |
| T. H. Hill.....                                  | 12 months salary as Light-keeper.....                     | \$296 | 25     |        |        |
| do.....  | do superannuation tax.....                                |       | 3 75   |        |        |
|  |   |       |        | 300    | 00     |
| do.....  | Paid for repairs to roof.....                             |       | 13 84  |        |        |
|  |   |       |        | 313    | 84     |
| <i>Leamington.</i>                               |   |       |        |        |        |
| F. H. C. Conover.....                            | 12 months salary as Light-keeper.....                     |       |        |        | 150 00 |
| <i>Lindoe Island.</i>                            |   |       |        |        |        |
| J. G. Wallace.....                               | 12 months salary as Light-keeper.....                     |       | 246 25 |        |        |
| do.....  | do superannuation tax.....                                |       | 3 75   |        |        |
|  |   |       |        | 250    | 00     |
| <i>Little Current.</i>                           |   |       |        |        |        |
| D. McKenzie.....                                 | 12 months salary as Light-keeper.....                     |       | 345 63 |        |        |
| do.....  | do superannuation tax.....                                |       | 4 37   |        |        |
|  |   |       |        | 350    | 00     |
| <i>Lonely Island.</i>                            |   |       |        |        |        |
| D. Solomon.....                                  | 12 months salary as Light-keeper.....                     |       | 444 37 |        |        |
| do.....  | do superannuation tax.....                                |       | 5 63   |        |        |
|  |   |       |        | 450    | 00     |
|  | Carried forward.....                                      |       |        | 43,383 | 77     |

STATEMENT of Expenditure on account of Maintenance of Lights above Montreal, etc.—Continued.

|  |  | \$ cts.  | \$ cts.   |
|--|--|----------|-----------|
|  | Brought forward.....                     |          | 43,383 77 |
| <i>Long Point, E. End.</i>             |  |          |           |
| H. H. Woodward.....                    | 12 months salary as Light-keeper.....    | 429 69   |           |
| do .....                               | do superannuation tax.....               | 5 31     |           |
|  |  |          | 435 00    |
| <i>Long Point, W. End, Port Rowan.</i> |  |          |           |
| W. E. Dickinson.....                   | 12 months salary as Light-keeper.....    | 405 00   |           |
| do .....                               | do superannuation tax.....               | 5 00     |           |
|  |  |          | 410 00    |
| <i>L'Orignal.</i>                      |  |          |           |
| R. G. Campbell.....                    | 12 months salary as Light-keeper.....    | 100 00   |           |
| do .....                               | Paid for repairs to oil tanks, etc.....  | 4 15     |           |
|  |  |          | 104 15    |
| <i>Manitoulin Island.</i>              |  |          |           |
| William Cullis.....                    | 12 months salary as Light-keeper.....    | \$694 37 |           |
| do .....                               | do superannuation tax.....               | 5 63     |           |
| do .....                               | Paid for crib-work, cedar bark, etc..... | 700 00   |           |
| Wm. Scougall.....                      | do pony engine, etc.....                 | 79 00    |           |
|  |  | 280 00   |           |
|  |  |          | 1,059 00  |
| <i>Meaford.</i>                        |  |          |           |
| Samuel Dutcher .....                   | 12 months salary as Light-keeper.....    |          | 137 50    |
| <i>McKie's Point.</i>                  |  |          |           |
| Alex. McDonald .....                   | 12 months salary as Light-keeper.....    | 172 81   |           |
| do .....                               | do superannuation tax.....               | 2 19     |           |
|  |  |          | 175 00    |
| <i>McKillop's Point, Port Lewis.</i>   |  |          |           |
| Damase Caza.....                       | 12 months salary as Light-keeper.....    |          | 115 00    |
| <i>McTavish Point.</i>                 |  |          |           |
| Joseph Geegan .....                    | 12 months salary as Light-keeper.....    | 100 00   |           |
| do .....                               | Paid freight and cartage.....            | 5 65     |           |
|  |  |          | 105 65    |
| <i>Michael's Point.</i>                |  |          |           |
| J. W. Chisholm.....                    | 12 months salary as Light-keeper.....    | 250 00   |           |
| do .....                               | Arrears of salary for June, 1883.....    | 20 83    |           |
|  |  |          | 270 83    |
| <i>Michipicoten Island.</i>            |  |          |           |
| H. Davieau.....                        | 12 months salary as Light-keeper.....    | 394 37   |           |
| do .....                               | do superannuation tax.....               | 5 63     |           |
|  |  |          | 400 00    |
| <i>Middle Island.</i>                  |  |          |           |
| L. S. Brown .....                      | 12 months salary as Light-keeper.....    | 148 13   |           |
| do .....                               | do superannuation tax.....               | 1 87     |           |
|  |  |          | 150 00    |
|  | Carried forward.....                     |          | 46,745 90 |

STATEMENT of Expenditure on account of Maintenance of Lights above  
Montreal, etc.—*Continued.*

|                                   |  | \$    | cts.   | \$     | cts.   |
|-----------------------------------|--|-------|--------|--------|--------|
| Brought forward.....              |  |       |        | 46,745 | 90     |
| <i>Mohawk Island.</i>             |  |       |        |        |        |
| R. H. Smithers.....               | 12 months salary as Light-keeper.....                            |       | 405 00 |        |        |
| do .....                          | do superannuation tax.....                                       |       | 5 00   |        |        |
|                                   |  |       |        |        | 410 00 |
| <i>Muskoka or Fox Island.</i>     |  |       |        |        |        |
| J. C. Darke.....                  | 3 months salary as Light-keeper, to 30th<br>September, 1883..... | \$61  | 72     |        |        |
| do .....                          | 9 do superannuation tax.....                                     |       | 0 78   |        |        |
|                                   |  |       |        | 62     | 50     |
| Henry Darke.....                  | do salary as Light-keeper, to 30th<br>June, 1884.....            | \$186 | 72     |        |        |
| do .....                          | 3 do superannuation tax, to 31st<br>December, 1883.....          |       | 0 78   |        |        |
|                                   |  |       |        | 187    | 50     |
| do .....                          | Allowance for fuel, 1883-84.....                                 |       | 25 00  |        |        |
| Imperial Oil Co.....              | 177-24 gallons oil, at 23½ cents.....                            |       | 41 65  |        |        |
| T. Ellis.....                     | Freight on oil, etc.....   |       | 8 50   |        |        |
| A. & J. Edgar.....                | Oil, white lead, etc.....  |       | 29 15  |        |        |
|                                   |  |       |        |        | 354 30 |
| <i>Mississauga Island.</i>        |  |       |        |        |        |
| H. Abbott.....                    | Hire of tug "Dufferin," conveying John Corbett<br>to Island..... |       |        |        | 12 50  |
| <i>Nine Mile Point.</i>           |  |       |        |        |        |
| Albert Dunlop.....                | 12 months salary as Light-keeper.....                            |       | 395 63 |        |        |
| do .....                          | do superannuation tax.....                                       |       | 4 37   |        |        |
|                                   |  |       |        |        | 400 00 |
| <i>Nottawasaga.</i>               |  |       |        |        |        |
| George Collins.....               | 12 months salary as Light-keeper.....                            | \$588 | 00     |        |        |
| do .....                          | do superannuation tax.....                                       |       | 12 00  |        |        |
|                                   |  |       |        | 600    | 00     |
| do .....                          | On account of repairs.....                                       |       | 75 09  |        |        |
| do .....                          | Paid for making flag and repairs to boat.....                    |       | 78 04  |        |        |
| T. Long & Bros.....               | Flag.....  |       | 6 24   |        |        |
| Toner & Gregory.....              | 3 cords wood.....  |       | 16 50  |        |        |
|                                   |  |       |        |        | 775 78 |
| <i>Oakville Pier.</i>             |  |       |        |        |        |
| R. K. Chisholm.....               | 12 months salary as Light-keeper.....                            |       | 197 50 |        |        |
| do .....                          | do superannuation tax.....                                       |       | 2 50   |        |        |
|                                   |  |       |        |        | 200 00 |
| <i>Owen Sound (Presqu' Isle.)</i> |  |       |        |        |        |
| John McKenzie.....                | 12 months salary as Light-keeper.....                            |       |        |        | 100 00 |
| <i>Owen Sound.</i>                |  |       |        |        |        |
| G. S. Miller.....                 | 12 months salary as Light-keeper.....                            | \$148 | 13     |        |        |
| do .....                          | do superannuation tax.....                                       |       | 1 87   |        |        |
|                                   |  |       |        | 150    | 00     |
| do .....                          | Paid for iron ladder.....  |       | 4 00   |        |        |
| Wm. Dunn.....                     | Repairing boat.....  |       | 7 00   |        |        |
| C. Fox.....                       | Inspecting range lights.....                                     |       | 65 00  |        |        |
| J. Andrew.....                    | Lumber.....  |       | 30 50  |        |        |
| F. Brown.....                     | Balance contract for building range lights.....                  |       | 264 50 |        |        |
|                                   |  |       |        |        | 521 00 |
| Carried forward.....              |  |       |        | 49,519 | 48     |

STATEMENT of Expenditure on account of Maintenance of Lights above  
Montreal, etc.—*Continued.*

|                                      |  | \$    | cts. | \$     | cts.      |
|--------------------------------------|--|-------|------|--------|-----------|
| Brought forward.....                 |  |       |      | 49,519 | 48        |
| <i>Pelee Island.</i>                 |  |       |      |        |           |
| James Cummins .....                  | 12 months salary as Light-keeper .....   | \$431 | 01   |        |           |
| do .....                             | 9 do superannuation tax, to 31st<br>March, 1884.....                               | 3     | 99   |        |           |
| do .....                             | Paid for glass.....  |       |      | 435    | 00        |
|                                      |  |       |      | 2      | 00        |
|                                      |  |       |      |        | 437 00    |
| <i>Penetanguishene.</i>              |  |       |      |        |           |
| W. A. Thompson .....                 | 12 months salary as Light-keeper.....  |       |      |        | 150 00    |
| <i>Pigeon Island.</i>                |  |       |      |        |           |
| Mrs. J. W. Davis.....                | Salary as Acting Light-keepr, from 1st July, 1883,<br>to 14th February, 1884 ..... |       | 187  | 50     |           |
| Richard Davis.....                   | Salary as Light-keeper, from 15th February, 1884,<br>to 30th June, 1884.....       |       | 112  | 50     |           |
| Mrs. J. W. Davis.....                | Paid for 2 cords of wood, \$10.00; and repairs to<br>clock, \$1.00.....            |       |      | 11     | 00        |
| Hogan & Briceland.....               | Lumber, shingles, etc.....   |       |      | 26     | 16        |
| Ambrose Davis.....                   | Freight on shingles.....   |       |      | 15     | 00        |
|                                      |  |       |      |        | 352 16    |
| <i>Pointe à Cadieux.</i>             |  |       |      |        |           |
| Félix Valois.....                    | 12 months salary as Light-keeper.....  | \$197 | 50   |        |           |
| do .....                             | do superannuation tax.....   | 2     | 50   |        |           |
| do .....                             | Paid for oil, pail, zinc, etc.....   |       |      | 200    | 00        |
| J. Desjardins.....                   | Covering dome.....   |       |      | 1      | 40        |
|                                      |  |       |      | 20     | 02        |
|                                      |  |       |      |        | 221 42    |
| <i>Pointe aux Anglais.</i>           |  |       |      |        |           |
| E. Charlebois.....                   | 12 months salary as Light-keeper.....  |       | 197  | 50     |           |
| do .....                             | do superannuation tax .....  |       |      | 2      | 50        |
|                                      |  |       |      |        | 200 00    |
| <i>Pointe aux Pins.</i>              |  |       |      |        |           |
| Henry Wood.....                      | 15 months salary as Light-keeper, from 1st April,<br>1883, to 30th June, 1884..... |       |      |        | 250 00    |
| <i>Point Clark.</i>                  |  |       |      |        |           |
| D. Small .....                       | 3 months salary as Light-keeper, to 30th June, 1883                                |       | 100  | 00     |           |
| John Rae.....                        | 12 do do to 30th June, 1884  |       | 400  | 00     |           |
| Geo. Sturgeon.....                   | Galvanized iron, pails, lantern, etc.....  |       |      | 17     | 15        |
| H. Black.....                        | Repairing lamp.....  |       |      | 1      | 25        |
| T. E. Enright .....                  | Iron pipes.....  |       |      | 3      | 10        |
| C. S. Shaw & Co.....                 | Wicks, etc .....   |       |      | 0      | 90        |
| J. S. Greenhill.....                 | Lock, putty and nails.....   |       |      | 2      | 13        |
| Geo. Sturgeon.....                   | 47 gallons oil.....  |       |      | 16     | 45        |
|                                      |  |       |      |        | 540 98    |
| <i>Point Claire Lightship No. 1.</i> |  |       |      |        |           |
| Moise Leclerc.....                   | 12 months salary as Light-keeper.....  | \$296 | 25   |        |           |
| do .....                             | do superannuation tax.....   | 3     | 75   |        |           |
| W. H. Noble.....                     | Inspecting apparatus .....   |       |      | 300    | 00        |
| T. Desmarais .....                   | Boat and oars .....  |       |      | 60     | 85        |
| E. Chanteloup.....                   | Burners .....  |       |      | 17     | 00        |
|                                      |  |       |      | 2      | 40        |
|                                      |  |       |      |        | 380 25    |
| Carried forward.....                 |  |       |      |        | 52,051 29 |

STATEMENT of Expenditure on account of Maintenance of Lights above  
Montreal, etc.—Continued.

|                           |   | \$    | cts. | \$     | cts. |
|---------------------------|---|-------|------|--------|------|
| Brought forward .....     |   |       |      | 52,051 | 29   |
| <i>Point Pelee Reef,</i>  |   |       |      |        |      |
| Wm. A. Grubb .....        | 12 months salary as Light-keeper .....              | \$493 | 75   |        |      |
| do .....                  | do superannuation tax .....                         | 6     | 25   |        |      |
|                           |   |       |      | 500    | 00   |
| Wm. Rolf .....            | Rope, iron and spikes .....                         |       |      | 30     | 70   |
| S. Sidwell .....          | Repairing boat .....                                |       |      | 7      | 00   |
| T. McCormack .....        | Freight on steel rope .....                         |       |      | 5      | 20   |
| T. Smith .....            | Iron capstan .....                                  |       |      | 12     | 00   |
| C. McIntyre .....         | Repairs to capstan .....                            |       |      | 3      | 60   |
|                           |   |       |      |        |      |
|                           |   |       |      | 558    | 50   |
| <i>Point Peter.</i>       |   |       |      |        |      |
| Jas. Burlingham .....     | 12 months salary as Light-keeper .....              | 395   | 00   |        |      |
| do .....                  | do superannuation tax .....                         | 5     | 00   |        |      |
|                           |   |       |      |        |      |
|                           |   |       |      | 400    | 00   |
| <i>Point Pleasant.</i>    |   |       |      |        |      |
| John Prinyer .....        | 12 months salary as Light-keeper .....              | \$296 | 25   |        |      |
| do .....                  | do superannuation tax .....                         | 3     | 75   |        |      |
|                           |   |       |      | 300    | 00   |
| do .....                  | Wire fence .....                                    |       |      | 94     | 25   |
|                           |   |       |      |        |      |
|                           |   |       |      | 394    | 25   |
| <i>Porphyry Point.</i>    |   |       |      |        |      |
| Andrew Dick .....         | 12 months salary as Light-keeper .....              | 395   | 00   |        |      |
| do .....                  | do superannuation tax .....                         | 5     | 00   |        |      |
|                           |   |       |      |        |      |
|                           |   |       |      | 400    | 00   |
| <i>Port Burwell.</i>      |   |       |      |        |      |
| A. Sutherland .....       | 12 months salary as Light-keeper .....              | 222   | 50   |        |      |
| do .....                  | do superannuation tax .....                         | 2     | 50   |        |      |
|                           |   |       |      |        |      |
|                           |   |       |      | 225    | 00   |
| <i>Port Colborne.</i>     |   |       |      |        |      |
| D. H. A. Fortier .....    | 12 months salary as Light-keeper .....              | \$495 | 00   |        |      |
| do .....                  | do superannuation tax .....                         | 5     | 00   |        |      |
|                           |   |       |      | 500    | 00   |
| S. Shickluna .....        | Repairing steps, 2 pairs of oars, etc. ....         |       |      | 11     | 30   |
| Dickenson & Suess .....   | do boat .....                                       |       |      | 6      | 90   |
| Hau & Matthews .....      | 6 cords wood .....                                  |       |      | 30     | 00   |
| Carrier, Laine & Co. .... | Pump .....  |       |      | 80     | 00   |
| Neff & Misener .....      | Fitting up pump .....                               |       |      | 7      | 90   |
| H. R. Cuddon .....        | Repairing marine clock .....                        |       |      | 1      | 40   |
| John Matthews .....       | Paint .....   |       |      | 2      | 12   |
| John Elsenhaus .....      | Blacksmith's work .....                             |       |      | 3      | 10   |
| S. Burrow .....           | Putting up pipes, etc .....                         |       |      | 13     | 40   |
|                           |   |       |      |        |      |
|                           |   |       |      | 656    | 12   |
| <i>Port Credit.</i>       |   |       |      |        |      |
| Alex. Blakely .....       | 12 months salary as Light-keeper .....              | 150   | 00   |        |      |
| do .....                  | Arrears of salary from 10th May to 30th June, 1883. |       |      | 21     | 25   |
|                           |   |       |      |        |      |
|                           |   |       |      | 171    | 25   |
| Carried forward .....     |   |       |      | 54,856 | 41   |

STATEMENT of Expenditure on account of Maintenance of Lights above Montreal, etc.—*Continued.*

|                                    |  | \$    | cts. | \$     | cts.      |
|------------------------------------|--|-------|------|--------|-----------|
| Brought forward .....              |  |       |      | 54,856 | 41        |
| <i>Port Dalhousie.</i>             |  |       |      |        |           |
| David Hunter .....                 | 12 months salary as Light-keeper .....   | \$345 | 63   |        |           |
| do .....                           | do superannuation tax .....  | 4     | 37   |        |           |
|                                    |  |       | 350  |        |           |
| R. Millar .....                    | Building sidewalk .....  |       | 226  |        |           |
| Coy Bros. ....                     | Hinges and screws .....  |       | 2    |        |           |
| W. McCraney & Son .....            | Lumber .....   |       | 25   |        |           |
|                                    |  |       | 605  |        | 32        |
| <i>Port Dover.</i>                 |  |       |      |        |           |
| Henry Morgan .....                 | 12 months salary as Light-keeper .....   |       | 256  |        |           |
| do .....                           | do superannuation tax .....  |       | 3    |        |           |
|                                    |  |       | 260  |        | 00        |
| <i>Port Maitland.</i>              |  |       |      |        |           |
| Fergus Schofield.....              | 12 months salary as Light-keeper .....   | \$345 | 63   |        |           |
| do .....                           | do superannuation tax .....  | 4     | 37   |        |           |
| do .....                           | Paid for repairs to railing .....  |       | 350  |        |           |
| J. H. Wiley .....                  | Painting .....   |       | 7    |        |           |
|                                    |  |       | 35   |        |           |
|                                    |  |       | 392  |        | 00        |
| <i>Port Stanley.</i>               |  |       |      |        |           |
| Charles Ead.....                   | 12 months salary as Light-keeper .....   |       | 296  |        |           |
| do .....                           | do superannuation tax .....  |       | 3    |        |           |
|                                    |  |       | 300  |        | 00        |
| <i>Presque 'Isle (Main Light).</i> |  |       |      |        |           |
| W. H. Sherwood.....                | 12 months salary as Light-keeper .....   | \$370 | 31   |        |           |
| do .....                           | do superannuation tax .....  | 4     | 69   |        |           |
|                                    |  |       | 375  |        |           |
| O. Loomis.....                     | Lumber .....   |       | 13   |        |           |
| O. B. Kemp.....                    | Shingles and nails.....  |       | 38   |        |           |
| Allison & Alcorn .....             | Professional services <i>re</i> suit for trespass, Attorney-General vs. Beigle ..... |       | 47   |        |           |
| B. E. Shewman.....                 | Boat and oars .....  |       | 25   |        |           |
| W. D. Simmington.....              | Hardware .....   |       | 2    |        |           |
|                                    |  |       | 501  |        | 38        |
| <i>Prince Arthur's Landing.</i>    |  |       |      |        |           |
| John Cooper.....                   | 12 months salary as Light-keeper .....   |       |      |        | 200 00    |
| <i>Range Light and Buoys.</i>      |  |       |      |        |           |
| G. B. Simpson.....                 | Salary as Light-keeper for July and August, 1883, at \$375 per annum ...             | \$61  | 72   |        |           |
| do .....                           | Superannuation tax .....   |       | 0    |        |           |
|                                    |  |       | 62   |        |           |
| do .....                           | Salary from 1st Sept., to 30th June, 1884.   | 390   | 88   |        |           |
| do .....                           | Superannuation tax .....   |       | 4    |        |           |
|                                    |  |       | 395  |        |           |
|                                    |  |       | 458  |        | 31        |
| Carried forward.....               |  |       |      |        | 57,573 42 |

STATEMENT of Expenditure on account of Maintenance of Lights above  
Montreal, etc.--*Continued.*

|  |   | \$    | cts.   | \$     | cts.   |
|--|---|-------|--------|--------|--------|
| Brought forward.....                       |   |       |        | 57,573 | 42     |
| <i>Red Rock, Parry Sound.</i>              |   |       |        |        |        |
| A. A. Lawson.....                          | 12 months salary as Light-keeper .....  | \$394 | 37     |        |        |
| do .....                                   | do superannuation tax .....   |       | 5 63   |        |        |
| John Corbett .....                         | On account repairs.....   |       | 490 00 |        |        |
| J. W. Fitzgerald.....                      | Lumber and planing .....  |       | 670 00 |        |        |
| P. Doherty .....                           | Balance for boat .....  |       | 59 50  |        |        |
| Mulholland & Brown.....                    | Hardware, paint, etc .....  |       | 50 00  |        |        |
| Wm. Beatty .....                           | Iron roofing, etc .....   |       | 154 73 |        |        |
| C. L. White.....                           | Putting sheeting on dwelling .....  |       | 239 67 |        |        |
| Cameron & Moberly .....                    | Winch irons.....  |       | 27 01  |        |        |
|  |   |       | 34 90  |        |        |
|  |   |       |        | 1,635  | 81     |
| <i>River Thames.</i>                       |   |       |        |        |        |
| Mrs. Thos. Cartier .....                   | 12 months salary as Acting Light-keeper . ....                                |       |        |        | 435 00 |
| <i>Rondeau Harbor.</i>                     |   |       |        |        |        |
| Thomas Harrison .....                      | 12 months salary as Light-keeper .....  | \$395 | 00     |        |        |
| do .....                                   | do superannuation tax.....  |       | 5 00   |        |        |
| Laing & Ruth .....                         | Repairs to stove pipe .....   |       | 400 00 |        |        |
| J. McMaster & Co.....                      | Eye bolts, staunchions, etc .....   |       | 2 40   |        |        |
| W. H. Noble.....                           | Wire rope railing... ..   |       | 52 47  |        |        |
| Rice, Lewis & Son .....                    | Wire rope .....   |       | 47 65  |        |        |
|  |   |       | 57 28  |        |        |
|  |   |       |        | 559    | 80     |
| <i>Ste. Anne du Bout de L'Isle, No. 1.</i> |   |       |        |        |        |
| Antoine Caron .....                        | 12 months salary as Light-keeper .....  |       |        |        | 60 00  |
| <i>Ste. Anne du Bout de L'Isle No. 2.</i>  |   |       |        |        |        |
| T. de Repentigny.....                      | 12 months salary as Light-keeper .....  |       | 100 00 |        |        |
| do .....                                   | Paid for repairs to boat.....   |       | 8 25   |        |        |
|  |   |       |        | 108    | 25     |
| <i>Ste. Placide.</i>                       |   |       |        |        |        |
| Charles Gauthier .....                     | 12 months salary as Light-keeper .....  |       |        |        | 100 00 |
| <i>Salmon Point.</i>                       |   |       |        |        |        |
| Lewis Hudgins .....                        | 12 months salary as Light-keeper .....  | \$296 | 25     |        |        |
| do .....                                   | do superannuation tax.....  |       | 3 75   |        |        |
| do .....                                   | Paid freight on lamp, etc .....   |       | 300 00 |        |        |
| Stephens Bros .....                        | Red glass .....   |       | 2 63   |        |        |
| Ottawa Plating Works ..                    | Plating reflectors.....   |       | 3 00   |        |        |
|  |   |       | 12 00  |        |        |
|  |   |       |        | 317    | 63     |
| <i>Saugeen Beacon.</i>                     |   |       |        |        |        |
| Murdock McLeod.....                        | Salary as Light-keeper, from 3rd September, 1883,<br>to 30th June, 1884 ..... |       | 66 22  |        |        |
| Imperial Oil Co .....                      | 44 41 gallons oil, at 23 1/2 cts .....  |       | 10 44  |        |        |
|  |   |       |        | 76     | 66     |
| Carried forward .....                      |   |       |        | 60,866 | 57     |

STATEMENT of Expenditure on account of Maintenance of Lights above  
Montreal, etc.—Continued.

|                           |   | \$    | cts. | \$     | cts. |
|---------------------------|---|-------|------|--------|------|
| Brought forward.....      |   |       |      | 60,866 | 57   |
| <i>Scotch Bonnet.</i>     |   |       |      |        |      |
| Robert Pye.....           | 12 months salary as Light-keeper.....           | \$395 | 00   |        |      |
| do .....                  | do superannuation tax.....                      | 5     | 00   |        |      |
| do .....                  |   |       |      | 400    | 00   |
| W. J. Robinson.....       | Paid for two cords of wood.....                 |       |      | 7      | 00   |
|                           | 16 gallons oil, at 25c.....                     |       |      | 4      | 00   |
|                           |   |       |      | 411    | 00   |
| <i>Snake Island.</i>      |   |       |      |        |      |
| N. T. Orr.....            | 12 months salary as Light-keeper.....           | \$489 | 69   |        |      |
| do .....                  | do superannuation tax.....                      | 5     | 31   |        |      |
| do .....                  |   |       |      | 495    | 00   |
| do .....                  | Paid for lumber, etc.....                       |       |      | 77     | 38   |
| A. McCorkell.....         | Boat.....                                       |       |      | 55     | 00   |
|                           |   |       |      | 627    | 38   |
| <i>Southampton Range.</i> |   |       |      |        |      |
| John Lee.....             | 12 months salary as Light-keeper.....           |       |      | 150    | 00   |
| <i>South Bay Point.</i>   |   |       |      |        |      |
| Daniel McIntosh.....      | 12 months salary as Light-keeper.....           | \$156 | 35   |        |      |
| do .....                  | do superannuation tax.....                      | 1     | 98   |        |      |
| do .....                  |   |       |      | 158    | 33   |
| Stephen Bros.....         | Red glass.....                                  |       |      | 2      | 00   |
|                           |   |       |      | 160    | 33   |
| <i>Spectacle Shoal.</i>   |   |       |      |        |      |
| Wm. Jackson.....          | 12 months salary as Light-keeper.....           | \$395 | 00   |        |      |
| do .....                  | do superannuation tax.....                      | 5     | 00   |        |      |
| do .....                  |   |       |      | 400    | 00   |
| do .....                  | Allowance for fuel, boat hire, etc.....         |       |      | 20     | 00   |
| H. McLaren.....           | Witness fees, holding enquiry re John Buck..... |       |      | 13     | 00   |
| T. S. Moffatt.....        | Lumber.....                                     |       |      | 18     | 40   |
| E. H. Ellis.....          | Nails, iron, etc.....                           |       |      | 4      | 12   |
| McClellan Bros. & Reid..  | Timber.....                                     |       |      | 25     | 25   |
| Wm. Lasha.....            | Labor at pier.....                              |       |      | 25     | 50   |
| F. Seymour.....           | Rafting lumber.....                             |       |      | 2      | 50   |
|                           |   |       |      | 508    | 77   |
| <i>Strawberry Island.</i> |   |       |      |        |      |
| Bryan McKay.....          | 12 months salary as Light-keeper.....           |       |      | 295    | 63   |
| do .....                  | do superannuation tax.....                      |       |      | 4      | 37   |
|                           |   |       |      | 300    | 00   |
| <i>Sulphur Island.</i>    |   |       |      |        |      |
| Wm. Shepherd.....         | 12 months salary as Light-keeper.....           | \$321 | 25   |        |      |
| do .....                  | do superannuation tax.....                      | 3     | 75   |        |      |
| do .....                  |   |       |      | 325    | 00   |
| do .....                  | Paid for repairing window.....                  |       |      | 6      | 00   |
| Marks, Dobie & Co.....    | Freight on box.....                             |       |      | 1      | 90   |
|                           |   |       |      | 332    | 90   |
| <i>Telegraph Island.</i>  |   |       |      |        |      |
| John Mason.....           | 12 months salary as Light-keeper.....           | \$197 | 50   |        |      |
| do .....                  | do superannuation tax.....                      | 2     | 50   |        |      |
| do .....                  |   |       |      | 200    | 00   |
| do .....                  | Building boathouse.....                         |       |      | 34     | 50   |
|                           |   |       |      | 234    | 50   |
| Carried forward.....      |   |       |      | 63,591 | 45   |



**STATEMENT of Expenditure on account of Maintenance of Lights above  
Montreal, etc.—Continued.**

|  |  | \$                    | cts. | \$        | cts.   |
|--|--|-----------------------|------|-----------|--------|
|  |  | Brought forward ..... |      | 63,591 45 |        |
| <i>Thunder Cape.</i>                   |  |                       |      |           |        |
| S. R. Richmond.....                    | 12 months salary as Light-keeper .....         | 500                   | 00   |           |        |
| do .....                               | Paid for lumber, nails, painting, etc.....     | 80                    | 55   |           |        |
| Wm. Watts.....                         | Skiff.....                                     | 30                    | 00   |           |        |
| G. H. Kennedy.....                     | Pipe, elbows, etc .....                        | 4                     | 65   |           |        |
|  |  |                       |      | <hr/>     |        |
|  |  |                       |      | 615 20    |        |
| <i>Tobermoray.</i>                     |  |                       |      |           |        |
| Charles Earl.....                      | Taking charge of light during season 1883..... |                       |      |           | 100 00 |
| <i>Upper Ottawa Lights.</i>            |  |                       |      |           |        |
| John Fournier.....                     | Salary as Light-keeper at Sands Head .....     | 100                   | 00   |           |        |
| Wm. Baskin.....                        | do do Baskin's Wharf.....                      | 149                   | 22   |           |        |
| do .....                               | Paid for painting do .....                     | 5                     | 98   |           |        |
| Francis Boucher.....                   | Salary as Light-keeper, Aylmer Island .....    | 127                   | 00   |           |        |
| E. McQuestin.....                      | do do McQuestin's Point.....                   | 100                   | 00   |           |        |
| John Tario.....                        | do do Morrison's Island.....                   | 100                   | 00   |           |        |
| J. Oulette.....                        | Boat, Buckom's Point .....                     | 25                    | 00   |           |        |
|  |  |                       |      | <hr/>     |        |
|  |  |                       |      | 607 20    |        |
| <i>Victoria Island.</i>                |  |                       |      |           |        |
| Francis Levan.....                     | 12 months salary as Light-keeper.....          |                       |      |           | 100 00 |
| <i>Victoria Island, Lake Superior.</i> |  |                       |      |           |        |
| R. Singleton.....                      | Salary as Light-keeper for season 1883 .....   |                       |      |           | 175 00 |
| <i>Way Shoal.</i>                      |  |                       |      |           |        |
| A. Mongeon.....                        | 12 months salary as Light-keeper.....          |                       |      |           | 100 00 |
| <i>Weller's Bay.</i>                   |  |                       |      |           |        |
| Reuben Young.....                      | 12 months salary as Light-keeper .....         | 148                   | 13   |           |        |
| do .....                               | do superannuation tax .....                    | 1                     | 87   |           |        |
|  |  |                       |      | <hr/>     |        |
|  |  |                       |      | 150 00    |        |
| <i>Whisky Island.</i>                  |  |                       |      |           |        |
| W. A. Thompson .....                   | 12 months salary as Light-keeper .....         | 150                   | 00   |           |        |
| C. Turcotte.....                       | Wood .....                                     | 6                     | 00   |           |        |
|  |  |                       |      | <hr/>     |        |
|  |  |                       |      | 156 00    |        |
| <i>Windmill Point.</i>                 |  |                       |      |           |        |
| W. S. Plumb.....                       | 12 months salary as Light-keeper.....          | 150                   | 00   |           |        |
| John Corbett.....                      | To pay workmen at repairs.....                 | 220                   | 00   |           |        |
| James Cairns .....                     | Shingles, boards, etc.....                     | 32                    | 70   |           |        |
| R. W. Ross & Co.....                   | Paints, oils, etc.....                         | 130                   | 87   |           |        |
|  |  |                       |      | <hr/>     |        |
|  |  |                       |      | 533 57    |        |
| <i>Wolfe Island.</i>                   |  |                       |      |           |        |
| Robert Gillespie.....                  | 12 months salary as Light-keeper.....          | 246                   | 88   |           |        |
| do .....                               | do superannuation tax .....                    | 3                     | 12   |           |        |
|  |  |                       |      | <hr/>     |        |
|  |  |                       |      | 250 00    |        |
| W. McRossie .....                      | Lumber, etc.....                               | 23                    | 60   |           |        |
|  |  |                       |      | <hr/>     |        |
|  |  |                       |      | 273 60    |        |
|  |  | Carried forward ..... |      | <hr/>     |        |
|  |  |                       |      | 66,402 02 |        |

STATEMENT of Expenditure on account of Maintenance of Lights above Montreal, etc.—Continued.

|                           |   | \$  | cts. | \$     | cts. |
|---------------------------|---|-----|------|--------|------|
| Brought forward .....     |   |     |      | 66,402 | 02   |
| <b>BUOYS AND BEACONS.</b> |   |     |      |        |      |
| G. B. Simpson .....       | Replacing, anchors, etc., Presqu'Isle .....   | 15  | 09   |        |      |
| John Beckett .....        | Shackles do .....   | 4   | 45   |        |      |
| And. Lockerbie .....      | Re-covering, etc., building boat house, etc., Collingwood .....                         | 142 | 75   |        |      |
| George Black & Co. ....   | Lumber Collingwood .....  | 27  | 93   |        |      |
| J. Henderson .....        | Hardware do .....   | 7   | 94   |        |      |
| Toner & Gregory .....     | Lumber do .....   | 18  | 18   |        |      |
| William McCarthy .....    | Spar buoy do .....  | 26  | 00   |        |      |
| Robert Dey .....          | Blacksmiths' repairs do .....   | 47  | 85   |        |      |
| Thomas Boyd .....         | Hire of men do .....  | 15  | 00   |        |      |
| F. Scott .....            | do tug do .....   | 20  | 00   |        |      |
| Watts & Son .....         | Buoys, painting, etc. do .....  | 19  | 00   |        |      |
| Cameron & Moberly .....   | Anchor do .....   | 21  | 28   |        |      |
| George Collins .....      | Hire of tug do .....  | 70  | 00   |        |      |
| William Spence .....      | do Three Star Shoal .....   | 18  | 00   |        |      |
| G. S. Miller .....        | Repairs, Owen Sound .....   | 2   | 50   |        |      |
| S. St. Denis .....        | Placing, making and attending buoys, Lachine, Lake St. Louis, etc. ....                 | 630 | 00   |        |      |
| H. St. A. Ormond .....    | Travelling expenses and disbursements for buoys, Lachine, and Lake St. Louis, etc. .... | 23  | 90   |        |      |
| Graham & Co. ....         | Advertising for tenders, Lachine, Lake St. Louis, etc                                   | 4   | 80   |        |      |
| "Gazette" Printing Co     | do do do do ...   | 4   | 08   |        |      |
| "The Shareholder"         | do do do do ...   | 4   | 80   |        |      |
| "Le Monde"                | do do do do ...   | 4   | 08   |        |      |
| "La Minerve"              | do do do do ...   | 3   | 84   |        |      |
| A. Rheauume .....         | Making buoys Bois Blanc .....   | 283 | 29   |        |      |
| And. Hackett .....        | Pl. cing, etc. do .....   | 98  | 50   |        |      |
| William Menzies .....     | Putting out do .....  | 22  | 00   |        |      |
| J. D. Burk .....          | Rope do .....   | 3   | 25   |        |      |
| John Menzies .....        | Making buoys do .....   | 14  | 00   |        |      |
| W. D. Wigle .....         | Rope, bolts and washers do .....  | 2   | 09   |        |      |
| John Horsley .....        | Placing do .....  | 8   | 00   |        |      |
| T. F. Shaw .....          | do do .....   | 4   | 00   |        |      |
| James Gordon .....        | do do .....   | 15  | 00   |        |      |
| J. O. Darke .....         | Buoy service, Lake Simcoe .....   | 151 | 40   |        |      |
| A. S. Lawson .....        | Spar buoy, Red Rock .....   | 34  | 00   |        |      |
| J. F. Allan .....         | Placing, Kingston .....   | 60  | 00   |        |      |
| George Collins .....      | do Vail Shoals .....  | 37  | 12   |        |      |
| J. Malonde .....          | do Byng Inlet .....   | 1   | 50   |        |      |
| William Spence .....      | Balance for hire of tug, Byng Inlet .....   | 120 | 00   |        |      |
| A. Charlebois .....       | Placing do .....  | 25  | 00   |        |      |
| William Menzies .....     | Replacing, Bar Point .....  | 5   | 00   |        |      |
| W. O. Luscombe .....      | On account buoy service, Sault St. Marie .....  | 300 | 00   |        |      |
| James Wilson .....        | Taking up and storing do .....  | 218 | 20   |        |      |
| George Collins .....      | Castings, painting, etc., Dawson's Reef .....   | 39  | 05   |        |      |
| Joseph Grenier .....      | Attending 35 buoys, St. Francis .....   | 175 | 00   |        |      |
| William Jackson .....     | Allowance for season 1883, Spectacle Shoal .....  | 30  | 00   |        |      |
| G. McGill and J. Cotter   | Taking up buoys, Burlington Canal .....   | 3   | 00   |        |      |
| T. Campbell .....         | do do .....   | 3   | 00   |        |      |
| W. A. Clark .....         | Placing and removing, Vail's Point .....  | 150 | 00   |        |      |
| F. J. Silvester .....     | On account contract, Lone Rock .....  | 280 | 00   |        |      |
| A. Laberge .....          | Replacing, Green Shoal .....  | 12  | 00   |        |      |
| N. T. Orr .....           | Placing, Snake Island .....   | 9   | 50   |        |      |
| "Enterprise" .....        | Advertising for tenders, Georgian Bay .....   | 1   | 90   |        |      |
| E. Polkingham .....       | Placing do .....  | 35  | 00   |        |      |
| M. P. McShinney .....     | Inspecting, St. Mary's River and Lake Superior .....                                    | 16  | 60   |        |      |
| George H. Johnson .....   | Furnishing and placing, Lake St. Francis .....  | 20  | 00   |        |      |
| L. Donohue .....          | 20 tracings of can buoy, general account .....  | 10  | 00   |        |      |
| W. O. Luscombe .....      | Maintenance buoys, Bruce Mines .....  | 172 | 50   |        |      |
| Carried forward .....     |   |     |      | 3,491  | 42   |
|                           |   |     |      | 69,893 | 44   |

STATEMENT of Expenditure on account of Maintenance of Lights above Montreal, etc.—*Concluded.*

|                          |  | \$ cts. | \$ cts.             |
|--------------------------|--|---------|---------------------|
|                          | Brought forward.....                               |         | 69,893 44           |
| MANITOBA LIGHTSHIP.      |  |         |                     |
| N. W. Navigation Co..... | Yawl, raising, placing, caulking, towage, etc..... |         | 694 47              |
| Queen's Printer.....     | Stationery and printing.....                       |         | 70,587 91<br>256 36 |
|                          | Total.....   |         | 70,844 27           |
|                          | Less Refund.....                                   |         | 56 00               |
|                          |  |         | 70,788 27           |

WM. SMITH,  
*Deputy Minister Marine and Fisheries*

F. GOURDEAU,  
*Actg. Accountant.*

## APPENDIX No. 2

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Maintenance of Lights between Montreal and Quebec, for the Fiscal Year ended 30th June, 1884.

| GENERAL ACCOUNT.               |  | \$ cts.  | \$ cts.  |
|--------------------------------|--|----------|----------|
| Imperial Oil Co.....           | 3,781.12 galls. petroleum, at 25c..... | 945 28   |          |
| T. Routier.....                | Carpenter's work.....                  | 1,731 91 |          |
| F. Turgeon.....                | do repairs.....                        | 14 20    |          |
| S. Peters.....                 | Lumber.....                            | 43 58    |          |
| J. Desjardins.....             | do.....                                | 478 10   |          |
| E. J. Maxwell.....             | do.....                                | 18 82    |          |
| Queen's Wharf.....             | Storage of oil.....                    | 153 53   |          |
| J. Hamel et frères.....        | Glass cloth, chamois, etc.....         | 47 73    |          |
| W. Barbour.....                | Freight and cartage.....               | 91 00    |          |
| Intercolonial Railway.....     | do on paint.....                       | 43 17    |          |
| P. Bellefeuille.....           | do and cartage.....                    | 25 50    |          |
| O. Simard.....                 | Tinsmith's work.....                   | 5 60     |          |
| H. J. Roche.....               | Oil tank.....                          | 73 27    |          |
| Auger & Martineau.....         | Sheet iron.....                        | 29 79    |          |
| O. Simard.....                 | Red lead.....                          | 20 55    |          |
| Beaudet & Chicic.....          | Hardware, glass, etc.....              | 28 91    |          |
| W. C. Seaton.....              | Wick trimmers.....                     | 20 00    |          |
| J. Marmen.....                 | 8 cords wood, at \$4.50.....           | 36 00    |          |
| P. Bellefeuille.....           | Paid freight on barrels, etc.....      | 6 13     |          |
| Dawson & Co.....               | Stationery.....                        | 14 06    |          |
| J. P. Dery.....                | do.....                                | 56 20    |          |
| J. & W. Reid.....              | Felt parer.....                        | 3 53     |          |
| J. U. Gregory.....             | Travelling expenses.....               | 58 50    |          |
| A. Marmen.....                 | Services inspecting buoys, etc.....    | 176 00   |          |
| M. A. Dunn.....                | Soap and tallow.....                   | 42 50    |          |
| T. Berrigan.....               | Clearing snow.....                     | 35 00    |          |
| A. J. Turcotte.....            | Brooms, matches.....                   | 46 60    |          |
| E. Chanteloup.....             | Plate glass.....                       | 72 00    |          |
| A. E. Vallerand.....           | Chimneys, wicks and burners.....       | 42 60    |          |
| J. B. Verret.....              | Ladders.....                           | 6 32     |          |
| A. G. Tourangeau.....          | Postage.....                           | 25 02    |          |
| G. N. W. Telegraph Co.....     | Messages.....                          | 49 45    |          |
| Mrs J. Morin.....              | Chimney cleaners.....                  | 18 00    |          |
| Eug. Belanger.....             | Labour at repairs.....                 | 18 00    |          |
| <i>Ash and Bloody Islands.</i> |  |          |          |
| J. W. Hammond.....             | 12 months salary as Light-keeper.....  | \$197 48 |          |
| do.....                        | do superannuation tax.....             | 2 52     |          |
| do.....                        | Breakwater, \$30; fuel, \$10.....      | 200 00   |          |
| do.....                        | Oil shed, \$40; postage, \$2.70.....   | 40 00    |          |
| do.....                        | 45 galls. petroleum, at 25c.....       | 42 70    |          |
| do.....                        | Files.....                             | 11 25    |          |
| Beaudet & Chicic.....          | Files.....                             | 1 20     |          |
| <i>Batican.</i>                |  |          |          |
| L. Fugère.....                 | 12 months salary as Light-keeper.....  | 80 00    |          |
| J. Marchand.....               | do do.....                             | 80 00    |          |
| do.....                        | Ground rent.....                       | 6 00     |          |
| do.....                        | do.....                                | 6 03     |          |
| L. Fugère.....                 | Lantern.....                           | 10 00    |          |
| C. Brunelle.....               | Painting and repairs.....              | 15 25    |          |
| L. Bergeron.....               | Chimneys, burners and wicks.....       | 2 10     |          |
| Renaud & Co.....               | Chimneys, burners and wicks.....       | 2 10     |          |
| Carried forward.....           |  |          | 4,476 85 |
| Carried forward.....           |  |          | 295 15   |
| Carried forward.....           |  |          | 199 35   |
| Carried forward.....           |  |          | 4,971 35 |

STATEMENT of Expenditure on account of Maintenance of Lights between  
Montreal and Quebec, etc. — *Continued.*

|                         |   | \$    | cts.   | \$    | cts. |
|-------------------------|---|-------|--------|-------|------|
|                         | Brought forward .....                       |       |        | 4,971 | 35   |
| <i>Cape Charles.</i>    |   |       |        |       |      |
| W. Boisvert .....       | 12 months salary as Light-keeper .....      | \$148 | 12     |       |      |
| do .....                | do superannuation tax .....                 |       | 1 88   |       |      |
|                         |   |       | 150 00 |       |      |
| do .....                | Ground rent .....                           |       | 10 00  |       |      |
| do .....                | Clock, postage and cartage .....            |       | 4 63   |       |      |
|                         |   |       |        | 164   | 63   |
| <i>Cape Magdalen.</i>   |   |       |        |       |      |
| Paul Manuel .....       | 12 months salary as Light-keeper .....      |       | 100 00 |       |      |
| Ant. Montplaisir .....  | do do .....                                 |       | 130 00 |       |      |
| do .....                | Ground rent, \$12; ventilator, \$4.10 ..... |       | 16 10  |       |      |
| A. Marmen .....         | Travelling expenses .....                   |       | 8 70   |       |      |
| Paul Manuel .....       | Board of painter .....                      |       | 7 50   |       |      |
|                         |   |       |        | 262   | 30   |
| <i>Champlain.</i>       |   |       |        |       |      |
| Napoléon Hardy .....    | 12 months salary as Light-keeper .....      |       | 130 00 |       |      |
| T. Martineau .....      | Ground rent, 1883 .....                     |       | 12 00  |       |      |
| N. Gagnon .....         | Repairing and painting Lighthouse .....     |       | 9 45   |       |      |
| A. E. Vallerand .....   | Chimneys, wicks and burners .....           |       | 1 30   |       |      |
|                         |   |       |        | 152   | 75   |
| <i>Contrecoeur.</i>     |   |       |        |       |      |
| Avilas Gervais .....    | 12 months salary as Light-keeper .....      |       | 100 00 |       |      |
| Ncél Lacroix .....      | do do do .....                              |       | 75 00  |       |      |
| F. Lacroix .....        | Repairing roof .....                        |       | 44 90  |       |      |
| A. E. Vallerand .....   | Lantern, chimneys and wicks .....           |       | 4 35   |       |      |
| Renaud & Co. ....       | do do .....                                 |       | 1 90   |       |      |
|                         |   |       |        | 226   | 15   |
| <i>Grondines.</i>       |   |       |        |       |      |
| Epi. Trottier .....     | 9 months salary as Light-keeper .....       |       | 75 00  |       |      |
| Ls. Boisvert .....      | 3 do do do .....                            |       | 25 00  |       |      |
| Widow J. Trottier ..... | 12 do do do .....                           |       | 100 00 |       |      |
| E. Trottier .....       | Fuel, 1883 .....                            |       | 4 00   |       |      |
| Widow J. Trottier ..... | do .....                                    |       | 4 00   |       |      |
| Isaïe Trottier .....    | Ladder, \$4; postage, 54c. ....             |       | 4 54   |       |      |
| Beaudet & Chinic .....  | Lock .....                                  |       | 1 25   |       |      |
| Renaud & Co. ....       | Chimneys, burners and wicks .....           |       | 1 50   |       |      |
| A. Marmen .....         | Travelling expenses .....                   |       | 5 50   |       |      |
|                         |   |       |        | 220   | 79   |
| <i>Isle à la Baque.</i> |   |       |        |       |      |
| Jos. Ethier .....       | 3 months salary as Light-keeper .....       |       | 48 00  |       |      |
| Onés. Mercier .....     | 9 do do do .....                            | \$111 | 09     |       |      |
| do .....                | do superannuation tax .....                 |       | 1 41   |       |      |
|                         |   |       | 112 50 |       |      |
| Beaudet & Chinic .....  | Glass .....                                 |       | 2 00   |       |      |
| F. Turgeon .....        | Travelling expenses .....                   |       | 11 00  |       |      |
|                         |   |       |        | 173   | 50   |
| <i>Isle de G. à ce.</i> |   |       |        |       |      |
| Ed. Paul .....          | 8 months salary as Light-keeper .....       |       | 240 00 |       |      |
| do .....                | Putting up and taking down tower .....      |       | 45 00  |       |      |
| A. E. Vallerand .....   | Lantern .....                               |       | 0 95   |       |      |
|                         |   |       |        | 285   | 95   |
|                         | Carried forward .....                       |       |        | 6,457 | 42   |

STATEMENT of Expenditure on account of Maintenance of Lights between  
Montreal and Quebec, etc.—Continued.

|                             |  | \$    | cts. | \$    | cts.     |
|-----------------------------|--|-------|------|-------|----------|
|                             | Brought forward .....                    |       |      | 6,457 | 42       |
|                             | <i>Isle à la Pierre.</i>                 |       |      |       |          |
| Wm. Matte .....             | 12 months salary as Light-keeper .....   | \$217 | 24   |       |          |
| do .....                    | do superannuation tax .....              |       | 2 76 |       |          |
|                             |  |       |      | 220   | 00       |
| do .....                    | Fuel, 1883.....                          |       |      | 10    | 00       |
| E. Portelance.....          | Saw, axe, etc.....                       |       |      | 5     | 15       |
| L. T. Trempe .....          | Paint, brushes, etc.....                 |       |      | 26    | 08       |
|                             |  |       |      |       | 261 21   |
|                             | <i>Isle aux Prunes.</i>                  |       |      |       |          |
| D. Robert .....             | 12 months salary as Light-keeper .....   |       |      | 120   | 00       |
| do .....                    | Putting up and taking down tower.....    |       |      | 40    | 00       |
| do .....                    | Clearing ice and taking down tower ..... |       |      | 30    | 00       |
| do .....                    | Fuel, \$8; stove, \$9.....               |       |      | 17    | 00       |
| do .....                    | Clearing ice .....                       |       |      | 10    | 00       |
|                             |  |       |      |       | 217 00   |
|                             | <i>Isle aux Raisins.</i>                 |       |      |       |          |
| Théo. Verville.....         | 12 months salary as Light-keeper .....   |       |      | 270   | 00       |
| Ant. Moreau.....            | Repairing roof .....                     |       |      | 170   | 00       |
| O. Letendre .....           | Fuel, 1883-84.....                       |       |      | 12    | 00       |
| Theo. Verville.....         | Putting up and taking down tower.....    |       |      | 30    | 00       |
| F. E. N. Boucher.....       | Legal services.....                      |       |      | 36    | 00       |
| A. Garceau, fils et Cie..   | Stovepipe .....                          |       |      | 4     | 00       |
| Renaud & Co.....            | Chimneys, burners, etc.....              |       |      | 1     | 25       |
|                             |  |       |      |       | 523 25   |
|                             | <i>Isle Ste. Thèress.</i>                |       |      |       |          |
| S. Reeves .....             | 12 months salary as Light-keeper.....    |       |      | 120   | 00       |
| Théo. Brodeur .....         | 8 do do .....                            |       |      | 144   | 00       |
| do .....                    | Repairs to tower .....                   |       |      | 14    | 00       |
| F. Turgeon.....             | New lantern .....                        |       |      | 74    | 50       |
| E. Chanteloup.....          | Lamps .....                              |       |      | 86    | 00       |
| P. Jobin .....              | Travelling expenses .....                |       |      | 16    | 30       |
| S. Reeves.....              | Painting .....                           |       |      | 15    | 00       |
| A. Reeves .....             | Ground rent .....                        |       |      | 10    | 00       |
| S. Bedard .....             | Measures .....                           |       |      | 1     | 85       |
| A. E. Vallerand .....       | Chimneys, wicks and burners .....        |       |      | 1     | 25       |
| "Shareholder" .....         | Advertising for tenders .....            |       |      | 5     | 60       |
| "Le Monde" .....            | do .....                                 |       |      | 4     | 20       |
| "La Minerve" .....          | do .....                                 |       |      | 4     | 20       |
| "Gazette" Printing Co. .... | do .....                                 |       |      | 4     | 20       |
| Roy et frères.....          | do .....                                 |       |      | 3     | 64       |
|                             |  |       |      |       | 504 74   |
|                             | <i>Lacolle.</i>                          |       |      |       |          |
| R. H. Whitman.....          | 12 months salary as Light-keeper .....   | \$148 | 12   |       |          |
| do .....                    | do superannuation tax.....               |       | 1 88 |       |          |
|                             |  |       |      | 150   | 00       |
| do .....                    | Paid for printing .....                  |       |      | 33    | 44       |
|                             |  |       |      |       | 183 44   |
|                             | <i>Lavaltrie.</i>                        |       |      |       |          |
| D. Giguere .....            | 12 months salary as Light-keeper .....   | \$296 | 24   |       |          |
| do .....                    | do superannuation tax.....               |       | 3 76 |       |          |
|                             |  |       |      | 300   | 00       |
| do .....                    | Putting up and taking down tower.....    |       |      | 80    | 00       |
| do .....                    | Building house.....                      |       |      | 60    | 00       |
| do .....                    | Boat and repairing pier.....             |       |      | 60    | 00       |
| do .....                    | Fuel, 1883-84.....                       |       |      | 20    | 00       |
| C. Henvieux.....            | Ground rent .....                        |       |      | 30    | 00       |
| A. E. Vallerand .....       | Chimneys, wicks and burners.....         |       |      | 1     | 55       |
|                             |  |       |      |       | 551 55   |
|                             | Carried forward .....                    |       |      |       | 8,698 61 |

STATEMENT of Expenditure on account of Maintenance of Lights between Montreal and Quebec, etc.—Continued.

|                               |  | \$    | cts. | \$     | cts. |
|-------------------------------|--|-------|------|--------|------|
| Brought forward.....          |  |       |      | 8,698  | 61   |
| <i>Lake Memphremagog.</i>     |  |       |      |        |      |
| D. E. Peters .....            | Salary as Light-keeper, Witch Rock.....            | 66    | 79   |        |      |
| P. J. Williams.....           | do do Green Point .....                            | 29    | 38   |        |      |
| L. C. Wadleigh .....          | do do Wadleigh's Point .....                       | 39    | 64   |        |      |
| Alexander Molson .....        | do do Molson's Island .....                        | 33    | 47   |        |      |
| do .....                      | Boat, \$23; freight, \$4.05 .....                  | 27    | 05   |        |      |
| D. E. Peters .....            | Building pier .....                                | 160   | 00   |        |      |
| do .....                      | Freight and repairs .....                          | 11    | 43   |        |      |
| S. Bedard .....               | Measures, paint, &c.....                           | 10    | 55   |        |      |
| J. Hamel et frère.....        | Curtains .....                                     | 3     | 06   |        |      |
|                               |  |       |      | 331    | 35   |
| <i>Lightship No. 1.</i>       |  |       |      |        |      |
| A. Auger.....                 | 12 months salary as Light-keeper.....              | \$496 | 24   |        |      |
| do .....                      | do superannuation tax.....                         | 3     | 76   |        |      |
|                               |  | 500   | 00   |        |      |
| Audet & Robitaille.....       | Chain .....  | 103   | 81   |        |      |
| P. Bellefeuille .....         | Carpenters' repairs .....                          | 95    | 75   |        |      |
| O. Fréchette.....             | do .....   | 16    | 50   |        |      |
| E. Monarque .....             | Towage .....                                       | 40    | 00   |        |      |
| L. T. Trempe .....            | Paints, oils and hardware.....                     | 46    | 08   |        |      |
| P. Bellefeuille .....         | 6 cords wood, at \$6, \$36; services, \$12.60..... | 48    | 60   |        |      |
| E. Porteance .....            | Iron work .....                                    | 8     | 92   |        |      |
| A. Garceau, fils et Cie.....  | Tinsmith work .....                                | 7     | 80   |        |      |
|                               |  |       |      | 854    | 86   |
| <i>Lightship No. 2.</i>       |  |       |      |        |      |
| H. Fiset .....                | 12 months salary as Light-keeper .....             | \$496 | 24   |        |      |
| do .....                      | do superannuation tax.....                         | 3     | 76   |        |      |
|                               |  | 500   | 00   |        |      |
| S. Peters .....               | Oak for repairs.....                               | 179   | 94   |        |      |
| Sheppard & Son .....          | Lumber .....                                       | 83    | 80   |        |      |
| P. Bellefeuille .....         | Carpenters' repairs .....                          | 216   | 77   |        |      |
| do .....                      | 6 cords wood, \$6, \$36; services, \$12.25 .....   | 48    | 25   |        |      |
| O. Fréchette .....            | Repairing ship .....                               | 327   | 50   |        |      |
| North Shore Railway .....     | Freight on lumber, etc.....                        | 20    | 40   |        |      |
| T. Routier .....              | Travelling expenses .....                          | 10    | 50   |        |      |
| L. T. Trempe .....            | Paint, oil and hardware .....                      | 39    | 76   |        |      |
| E. Porteance .....            | Iron repairs.....                                  | 12    | 07   |        |      |
| A. Garceau, fils et Cie ..... | Tinsmiths' repairs .....                           | 8     | 70   |        |      |
| Audet & Robitaille.....       | Rope.....  | 6     | 30   |        |      |
| A. E. Vallerand.....          | Chimneys, wicks and burners.....                   | 3     | 25   |        |      |
|                               |  |       |      | 1,456  | 24   |
| <i>Lightship No. 3.</i>       |  |       |      |        |      |
| A. Magnan .....               | 12 months salary as Light-keeper .....             | \$496 | 24   |        |      |
| do .....                      | do superannuation tax .....                        | 3     | 76   |        |      |
|                               |  | 500   | 00   |        |      |
| P. Bellefeuille .....         | Carpenters' repairs.....                           | 98    | 00   |        |      |
| do .....                      | 6 cords wood, at \$6 .....                         | 36    | 00   |        |      |
| O. Fréchette.....             | Carpenters' repairs.....                           | 21    | 00   |        |      |
| J. N. Beaudry .....           | Towage.....  | 60    | 00   |        |      |
| L. T. Trempe .....            | Paint, oils and hardware .....                     | 65    | 05   |        |      |
| E. Porteance .....            | Iron work .....                                    | 12    | 15   |        |      |
| A. Garceau, fils et Cie ..... | Repairing roof.....                                | 7     | 15   |        |      |
| Audet & Robitaille.....       | Rope.....  | 12    | 88   |        |      |
| S. Bedard .....               | Measures.....                                      | 1     | 85   |        |      |
|                               |  |       |      | 814    | 76   |
| Carried forward .....         |  |       |      | 12,205 | 82   |

STATEMENT of Expenditure on account of Maintenance of Lights between  
Montreal and Quebec, etc.—Continued.

|                              |   | \$                   | cts. | \$  | cts.      |
|------------------------------|---|----------------------|------|-----|-----------|
|                              |   | Brought forward..... |      |     | 12,205 82 |
| <i>L'Islet, Richelieu.</i>   |   |                      |      |     |           |
| C. Blais.....                | 8 months salary as Light-keeper .....       | 160                  | 00   |     |           |
| do .....                     | Fuel, 1883-84.....                          | 15                   | 00   |     |           |
| do .....                     | Boat hire .....                             | 8                    | 50   |     |           |
| do .....                     | Board of carpenter.....                     | 2                    | 00   |     |           |
| S. Bedard .....              | Chimney top .....                           | 11                   | 35   |     |           |
| J. A. Pelletier.....         | Lime .....                                  | 1                    | 50   |     |           |
|                              |   |                      |      |     | 198 35    |
| <i>Lotlinière.</i>           |   |                      |      |     |           |
| L. Beaudet .....             | 12 months salary as Light-keeper .....      | 80                   | 00   |     |           |
| Geo. Beaudet .....           | do do .....                                 | 80                   | 00   |     |           |
| L. Beaudet.....              | Painting, and clearing ice.....             | 12                   | 00   |     |           |
| Renaud & Co. ....            | Lamps, chimneys and wicks.....              | 2                    | 90   |     |           |
|                              |   |                      |      |     | 174 90    |
| <i>North Half-way Point.</i> |   |                      |      |     |           |
| D. Ménard .....              | 12 months salary as Light-keeper.....       | \$167                | 88   |     |           |
| do .....                     | do superannuation tax.....                  | 2                    | 12   |     |           |
|                              |   |                      |      | 170 | 00        |
| W. P. Anderson .....         | Travelling expenses .....                   | 17                   | 35   |     |           |
|                              |   |                      |      |     | 187 35    |
| <i>Platon.</i>               |   |                      |      |     |           |
| P. Beaudet .....             | 8 months salary as Light-keeper.....        | 120                  | 00   |     |           |
| do .....                     | Fence.....                                  | 12                   | 00   |     |           |
| Beaudet & Chinic .....       | Paint.....                                  | 1                    | 80   |     |           |
|                              |   |                      |      |     | 133 80    |
| <i>Pointe aux Trembles.</i>  |   |                      |      |     |           |
| A. Lamoureux .....           | 12 months salary as Light-keeper.....       | 130                  | 00   |     |           |
| A. E. Vallerand .....        | Lamp .....                                  | 1                    | 95   |     |           |
|                              |   |                      |      |     | 131 95    |
| <i>Pointe du Lac.</i>        |   |                      |      |     |           |
| M. Paquin.....               | 12 months salary as Light-keeper.....       | 100                  | 00   |     |           |
| do .....                     | Cutting trees.....                          | 70                   | 00   |     |           |
| A. Marmen.....               | Travelling expenses.....                    | 9                    | 80   |     |           |
| Luckerhoff Bros.....         | New roof.....                               | 26                   | 61   |     |           |
| Rénaud & Co. ....            | Lamp and chimneys .....                     | 1                    | 45   |     |           |
|                              |   |                      |      |     | 207 86    |
| <i>Port St. Francis.</i>     |   |                      |      |     |           |
| E. Duval .....               | 8 months salary as Light-keeper.....        | 180                  | 00   |     |           |
| do .....                     | Painting, \$17.25; ladder, \$2.50.....      | 19                   | 75   |     |           |
| J. Duval.....                | Storage .....                               | 10                   | 00   |     |           |
| H. Brassard .....            | Putting up and taking down tower.....       | 60                   | 00   |     |           |
| S. Bédari .....              | Measures .....                              | 1                    | 85   |     |           |
| Rénaud & Co. ....            | Lamp, chimneys and wicks .....              | 1                    | 90   |     |           |
|                              |   |                      |      |     | 273 50    |
| <i>Pointe Citrouille.</i>    |   |                      |      |     |           |
| C. Brunelle.....             | 8 months salary as Light-keeper .....       | 200                  | 00   |     |           |
| do .....                     | Fuel, \$5; lumber, \$10; storage, \$3 ..... | 18                   | 00   |     |           |
| do .....                     | Repairing damage by ice.....                | 15                   | 00   |     |           |
|                              |   |                      |      |     |           |
| Carried forward .....        |   | 233                  | 00   |     | 13,513 53 |



STATEMENT of Expenditure on account of Maintenance of Lights between  
Montreal and Quebec, etc.—*Concluded.*

|                                      |   | \$    | cts.  | \$     | cts. |
|--------------------------------------|---|-------|-------|--------|------|
| Brought forward.....                 |   | 233   | 00    | 13,513 | 63   |
| <i>Pointe Citrouille.—Concluded.</i> |   |       |       |        |      |
| F. Marchand.....                     | House rent and right of way.....                |       | 8 00  |        |      |
| Thos. St Cyr .....                   | Repairing house .....                           |       | 38 00 |        |      |
| J. H. Marchildon.....                | Ground rent.....                                |       | 12 00 |        |      |
| S. Bedard.....                       | Measures .....                                  |       | 4 90  |        |      |
| Audet & Robitaille.....              | Rope.....                                       |       | 2 97  |        |      |
|                                      |   |       |       | 298    | 87   |
| <i>Portneuf.</i>                     |   |       |       |        |      |
| F. Rodrigue.....                     | 12 months salary as Light-keeper .....          | \$246 | 88    |        |      |
| do .....                             | do superannuation tax.....                      |       | 3 12  |        |      |
|                                      |   |       |       | 250    | 00   |
| do .....                             | Fuel, \$10.50; repairs and postage, \$2.66..... |       | 13 16 |        |      |
| G. Germain.....                      | Ground rent.....                                |       | 5 50  |        |      |
|                                      |   |       |       | 268    | 66   |
| <i>Répentigny.</i>                   |   |       |       |        |      |
| Chs. Rivet.....                      | 8 months salary as Light-keeper .....           |       | 56 00 |        |      |
| J. B. Lachapelle .....               | do do .....                                     |       | 56 00 |        |      |
| E. Chanteloup.....                   | Lamp .....                                      |       | 43 50 |        |      |
| Renaud & Co.....                     | Chimneys and wicks .....                        |       | 0 95  |        |      |
|                                      |   |       |       | 156    | 45   |
| <i>Rivière du Chêne.</i>             |   |       |       |        |      |
| Widow J. Langlois.....               | 12 months salary as Light-keeper .....          |       | 75 00 |        |      |
| do .....                             | Board of carpenter.....                         |       | 12 67 |        |      |
| do .....                             | Paid for repairs.....                           |       | 5 79  |        |      |
| S. Peters .....                      | Lumber.....                                     |       | 9 00  |        |      |
| Beaudet & Chinic .....               | Nails, zinc, etc .....                          |       | 6 65  |        |      |
| Rénaud & Co.....                     | Chimneys and wicks.....                         |       | 0 90  |        |      |
|                                      |   |       |       | 110    | 01   |
| <i>St. Antoine.</i>                  |   |       |       |        |      |
| L. Lafeur.....                       | 12 months salary as Light-keeper.....           | \$148 | 12    |        |      |
| do .....                             | do superannuation tax.....                      |       | 1 88  |        |      |
|                                      |   |       |       | 150    | 00   |
| do .....                             | Fuel.....                                       |       | 5 00  |        |      |
|                                      |   |       |       | 155    | 00   |
| <i>River St. Francis.</i>            |   |       |       |        |      |
| P. Deschenaux.....                   | Salary for season .....                         |       | 20 00 |        |      |
| do .....                             | Oil and rope.....                               |       | 2 03  |        |      |
|                                      |   |       |       | 22     | 03   |
| <i>Ste. Croix.</i>                   |   |       |       |        |      |
| W. Thurber.....                      | 12 months salary as Light-keeper.....           | \$172 | 50    |        |      |
| do .....                             | do superannuation tax.....                      |       | 2 20  |        |      |
|                                      |   |       |       | 175    | 00   |
| do .....                             | Fuel, \$10; repairs, \$2 .....                  |       | 12 00 |        |      |
| S. Peters .....                      | Lumber .....                                    |       | 62 77 |        |      |
| F. Turgeon .....                     | Repairing light-house .....                     |       | 52 50 |        |      |
| F. Boisvert .....                    | Board of carpenters .....                       |       | 19 50 |        |      |
| do .....                             | Freight on lumber, etc. ....                    |       | 5 81  |        |      |
| F. Desrochers .....                  | Ground rent.....                                |       | 6 00  |        |      |
| Audet & Robitaille .....             | Rope .....                                      |       | 4 80  |        |      |
| J. A. Pelletier .....                | Lime .....                                      |       | 3 00  |        |      |
| Renaud & Co. ....                    | Chimneys and wicks .....                        |       | 1 90  |        |      |
|                                      |   |       |       | 343    | 28   |
| Carried forward.....                 |   |       |       | 14,867 | 83   |

STATEMENT of Expenditure on account of Maintenance of Lights between  
Montreal and Quebec, etc.—*Concluded.*

|                                 |                                       | \$ cts.  | \$ cts.   |
|---------------------------------|---------------------------------------|----------|-----------|
| Brought forward.....            |                                       |          | 14,867 83 |
| <i>St. Pierre les Becquets.</i> |                                       |          |           |
| J. C. Francoeur.....            | 12 months salary as Light-keeper..... | 70 00    |           |
| do .....                        | Painting .....                        | 17 50    |           |
|                                 |                                       |          | 87 50     |
| <i>St. Valentine.</i>           |                                       |          |           |
| Paul Martin .....               | 12 months salary as Light-keeper..... | \$148 12 |           |
| do .....                        | do superannuation tax.....            | 1 88     |           |
|                                 |                                       | 150 00   |           |
| Rénaud & Co. ....               | Chimneys and wicks .....              | 0 85     |           |
|                                 |                                       |          | 150 85    |
| <i>Sorel Harbour.</i>           |                                       |          |           |
| Richelieu Co.....               | Salary for season .....               |          | 85 00     |
| <i>Buoys.</i>                   |                                       |          |           |
| J. U. Francoeur. ....           | New buoys and anchors .....           | 200 25   |           |
| do .....                        | Contract .....                        | 400 00   |           |
| P. Bellefeuille .....           | Inspecting .....                      | 10 00    |           |
| W. Barbour .....                | Travelling expenses .....             | 42 00    |           |
| D. E. Peters .....              | Placing buoy .....                    | 5 00     |           |
| A. Larochelle .....             | Sketch .....                          | 10 00    |           |
| "Star" .....                    | Advertising .....                     | 2 60     |           |
| "Journal of Commerce"           | do .....                              | 2 60     |           |
| "Gazette" Printing Co           | do .....                              | 2 60     |           |
| "L'Etendard" .....              | do .....                              | 2 60     |           |
| "St. John's News .....          | do .....                              | 2 60     |           |
|                                 |                                       |          | 680 25    |
| <i>Montreal Harbour.</i>        |                                       |          |           |
| Wm. Jeff .....                  | 3 months salary as Light-keeper.....  |          | 75 00     |
| Total .....                     |                                       |          | 15,946 43 |

WM. SMITH,

*Deputy Minister of Marine and Fisheries*

F. GOURDEAU,

*Actg. Accountant.*

APPENDIX No. 3.

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Maintenance of Lights below Quebec, for the Fiscal Year ended 30th June, 1884.

|                                |  | \$    | cts. | \$  | cts.     |
|--------------------------------|--|-------|------|-----|----------|
| <i>Algernon Rock.</i>          |  |       |      |     |          |
| D. Babin.....                  | 12 months allowance for Assistant Light-keeper.... | 150   | 00   |     |          |
| do .....                       | Fuel, 1883-84.....                                 | 24    | 00   |     |          |
|                                |  |       |      |     | 174 00   |
| <i>Amherst Island.</i>         |  |       |      |     |          |
| Wm. Cormier.....               | 12 months salary as Light-keeper.....              | \$296 | 24   |     |          |
| do .....                       | do superannuation tax.....                         | 3     | 76   |     |          |
|                                |  |       |      | 300 | 00       |
| do .....                       | Fuel, 1883-84.....                                 | 20    | 00   |     |          |
| J. Hamel et freres.....        | Curtains and glass cloth.....                      | 8     | 81   |     |          |
| Beaudet & Chinic.....          | Hardware.....                                      | 4     | 05   |     |          |
| T. Parent.....                 | Water barrels.....                                 | 3     | 75   |     |          |
| Renand & Co.....               | Lamp, Chimneys and burners.....                    | 2     | 90   |     |          |
| Audet & Robitaille.....        | Halyards.....                                      | 1     | 70   |     |          |
| J. A. Pelletier.....           | Lime.....  | 1     | 50   |     |          |
|                                |  |       |      |     | 342 71   |
| <i>Anse St. Jean.</i>          |  |       |      |     |          |
| F. Boivin.....                 | 12 months salary as Light-keeper.....              | 40    | 00   |     |          |
| Audet & Robitaille.....        | Repairs.....                                       | 1     | 68   |     |          |
|                                |  |       |      |     | 41 68    |
| <i>Anticosti, South Point.</i> |  |       |      |     |          |
| W. Carter.....                 | 12 months salary as Light-keeper.....              | \$637 | 00   |     |          |
| do .....                       | do superannuation tax.....                         | 13    | 00   |     |          |
|                                |  |       |      | 650 | 00       |
| do .....                       | Building Pier.....                                 | 100   | 00   |     |          |
| Beaudet & Chinic.....          | Sheet iron, paint, etc.....                        | 34    | 28   |     |          |
| T. Routier.....                | Carts.....   | 25    | 75   |     |          |
| E. Cazeau.....                 | Wheels.....  | 21    | 00   |     |          |
| Audet & Robitaille.....        | Flag.....  | 11    | 10   |     |          |
| Renaud & Co.....               | Lamps, chimneys and wicks.....                     | 5     | 65   |     |          |
| J. Hamel et freres.....        | Glass cloth.....                                   | 4     | 35   |     |          |
| S. Bedard.....                 | Kettle.....  | 2     | 00   |     |          |
| E. Giroux et frere.....        | Medicines.....                                     | 1     | 00   |     |          |
|                                |  |       |      |     | 855 13   |
| <i>Fog Whistle.</i>            |  |       |      |     |          |
| W. Carter.....                 | 12 months salary as Engineer.....                  | 250   | 00   |     |          |
| do .....                       | 103 cords wood at \$3.....                         | 309   | 00   |     |          |
| Beaudet & Chinic.....          | Vice, files, etc.....                              | 24    | 29   |     |          |
| S. J. Shaw & Co.....           | Rubber gaskets.....                                | 10    | 50   |     |          |
| G. T. Philipps.....            | Gauge and lead pipes.....                          | 23    | 90   |     |          |
| O. Vézina.....                 | Steam pipes.....                                   | 89    | 15   |     |          |
|                                |  |       |      |     | 706 84   |
| <i>Anticosti, East Point.</i>  |  |       |      |     |          |
| Thos. Gagné.....               | 12 months salary as Light-keeper.....              | \$795 | 00   |     |          |
| do .....                       | do superannuation tax.....                         | 5     | 00   |     |          |
|                                |  |       |      | 800 | 00       |
| Beaudet & Chinic.....          | Hardware, boiler-plates, rivets, files, etc.....   | 36    | 00   |     |          |
| L. Leclerc.....                | Junk.....  | 30    | 49   |     |          |
|                                |  |       |      |     |          |
|                                | Carried forward.....                               | 866   | 49   |     | 2,120 36 |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—Continued.

|   |  | \$    | cts.   | \$    | cts. |
|---|--|-------|--------|-------|------|
| Brought forward.....                    |  | 866   | 49     | 2,120 | 36   |
| <i>Anticosti, East Point—Concluded.</i> |  |       |        |       |      |
| T. Routier.....                         | Making lightning-rod.....                    |       | 14 15  |       |      |
| Audet & Robitaille.....                 | Canvas, twine, etc.....                      |       | 12 95  |       |      |
| J. B. Renaud & Co.....                  | Oats and bran.....                           |       | 20 85  |       |      |
| Renaud & Co.....                        | Lamps, chimneys and burners.....             |       | 8 60   |       |      |
| S. Bedard.....                          | Stove and pipe.....                          |       | 32 80  |       |      |
| S. Peters.....                          | Lumber.....                                  |       | 6 33   |       |      |
| E. Cazeau.....                          | Shafts.....                                  |       | 5 50   |       |      |
| J. Hamel et frères.....                 | Reflector cloth.....                         |       | 5 43   |       |      |
|   |  |       |        | 973   | 10   |
| <i>Anticosti, South-West Point.</i>     |  |       |        |       |      |
| E. Pope.....                            | 12 months salary as Light-keeper.....        | \$795 | 00     |       |      |
| do.....                                 | do superannuation tax.....                   |       | 5 00   |       |      |
|   |  |       |        | 809   | 00   |
| S. Peters.....                          | Lumber.....                                  |       | 81 60  |       |      |
| Beaudet & Chinic.....                   | Paint, brushes, files, axes, etc.....        |       | 48 06  |       |      |
| J. B. Renaud & Co.....                  | Oats and bran.....                           |       | 20 85  |       |      |
| Fisher & Blouin.....                    | Horse collar and blanket.....                |       | 14 95  |       |      |
| S. Bedard.....                          | Repairing lamps.....                         |       | 14 15  |       |      |
| E. Giroux et frère.....                 | Medicines.....                               |       | 11 65  |       |      |
| J. Hamel et frères.....                 | Glass cloth.....                             |       | 5 43   |       |      |
| G. T. Philipps.....                     | Bra s box.....                               |       | 5 10   |       |      |
|   |  |       |        | 1,001 | 79   |
| <i>Anticosti, West Point.</i>           |  |       |        |       |      |
| A. Malouin.....                         | 12 months salary as Light-keeper.....        | \$595 | 00     |       |      |
| do.....                                 | do superannuation tax.....                   |       | 5 00   |       |      |
|   |  |       |        | 600   | 00   |
| do.....                                 | Board of carpenters.....                     |       | 168 50 |       |      |
| J. Morissette.....                      | Repairing tower.....                         |       | 466 00 |       |      |
| S. Peters.....                          | Lumber.....                                  |       | 598 59 |       |      |
| L. Leclerc.....                         | Junk.....                                    |       | 30 49  |       |      |
| Beaudet & Chinic.....                   | Hardware, iron, nails, files, zinc, etc..... |       | 53 40  |       |      |
| J. B. Renaud & Co.....                  | Oats and bran.....                           |       | 22 05  |       |      |
| B. Eden.....                            | Passage and board of carpenters.....         |       | 81 00  |       |      |
| Renaud & Co.....                        | Lamps, chimneys and wicks.....               |       | 11 20  |       |      |
| J. Hamel et frères.....                 | Curtains and glass cloth.....                |       | 16 03  |       |      |
| G. Lamontagne.....                      | Clock.....                                   |       | 6 00   |       |      |
| Audet & Robitaille.....                 | Rope and row-locks.....                      |       | 6 42   |       |      |
| Fisher & Blouin.....                    | Horse collar and blanket.....                |       | 6 00   |       |      |
| A. Pouliot.....                         | Holdfasts.....                               |       | 5 00   |       |      |
| T. Houghton.....                        | Horse shoes.....                             |       | 3 20   |       |      |
| E. Giroux et frère.....                 | Medicines.....                               |       | 0 60   |       |      |
|   |  |       |        | 2,074 | 48   |
| <i>Baie St. Paul.</i>                   |  |       |        |       |      |
| Hy. Tremblay.....                       | 12 months salary as Light-keeper.....        | \$296 | 24     |       |      |
| do.....                                 | do superannuation tax.....                   |       | 3 76   |       |      |
|   |  |       |        | 200   | 00   |
| do.....                                 | Fuel, 1883-94.....                           |       | 30 00  |       |      |
| R. Blakiston.....                       | Sails.....                                   |       | 41 35  |       |      |
| Beaudet & Chinic.....                   | Hardware, auger, saw, etc.....               |       | 16 02  |       |      |
| Audet & Robitaille.....                 | Rope and blocks.....                         |       | 16 53  |       |      |
| J. Hamel et frères.....                 | Reflector cloth.....                         |       | 4 47   |       |      |
| Renaud & Co.....                        | Lamp, chimneys and wicks.....                |       | 3 25   |       |      |
| S. Bedard.....                          | Stove pipe.....                              |       | 3 80   |       |      |
| G. M. Webster & Co.....                 | Bricks.....                                  |       | 2 95   |       |      |
| J. A. Pelletier.....                    | Lime.....                                    |       | 1 50   |       |      |
|   |  |       |        | 419   | 87   |
| Carried forward.....                    |  |       |        | 6,589 | 60   |

STATEMENT of Expenditure on account of Maintenance of Lights below Quebec, etc.—Continued.

|                          |  | \$ cts.  | \$ cts.  |
|--------------------------|--|----------|----------|
| Brought forward.....     |  |          | 6,589 60 |
| <i>Belle Isle.</i>       |  |          |          |
| M. Colton .....          | 12 months salary as Light-keeper.....                                    | \$893 72 |          |
| do .....                 | do superannuation tax.....   | 6 88     |          |
|                          |  | 900 60   |          |
| G. M. Webster & Co.....  | Coal, 3 tons, at \$7.50, \$22.50; 14 chaldrons, at \$6.75, \$94.50 ..... | 117 00   |          |
| J. B. Renaud & Co.....   | Oats, bran and hay .....   | 88 31    |          |
| T. Parent .....          | Barrelling coal .....  | 92 40    |          |
| Beaudet & Chinic.....    | Hardware, paint, spirits of wine, etc.....                               | 32 03    |          |
| G. T. Phillips.....      | Metal bolts.....   | 35 00    |          |
| L. Villeneuve.....       | Iron work.....   | 29 45    |          |
| S. Peters.....           | Lumber.....  | 1 68     |          |
| J. Hamel et frères ..... | Reflector cloth.....   | 11 88    |          |
| L. Leclerc.....          | Junk.....  | 15 12    |          |
| S. Bedard.....           | Stove, boiler, etc.....  | 23 95    |          |
| Henry Black.....         | Castings.....  | 11 45    |          |
| T. Houghton.....         | Horse shoes .....  | 4 80     |          |
| Renaud & Co.....         | Lamps, chimneys and wicks.....   | 7 20     |          |
| E. Cazeau.....           | Shaft.....   | 3 00     |          |
| Audet & Robitaille.....  | Rope.....  | 2 85     |          |
| J. A. Pelletier.....     | Lime.....  | 1 50     |          |
| G. Lamontagne.....       | Repairing clock .....  | 1 50     |          |
| E. Giroux et frère.....  | Medicines.....   | 10 05    |          |
|                          |  | 1,389 77 |          |
| <i>Bellechasse.</i>      |  |          |          |
| J. B. Galibois.....      | 12 months salary as Light-keeper.....                                    | \$316 00 |          |
| do .....                 | do superannuation tax.....   | 4 00     |          |
| do .....                 | Fuel, \$10; painting, \$8.....   | 320 00   |          |
| Beaudet & Chinic .....   | Nails, axe, etc.....   | 18 00    |          |
| S. Peters .....          | Lumber .....   | 6 25     |          |
| L. Bernier .....         | Carpenter's repairs.....   | 51 46    |          |
| Audet & Robitaille.....  | Rope .....   | 46 20    |          |
| S. Bedard.....           | Stovepipes .....   | 4 63     |          |
| J. Hamel et frères.....  | Reflector cloth .....  | 3 80     |          |
|                          |  | 2 37     |          |
|                          |  | 452 71   |          |
| <i>Bicquette.</i>        |  |          |          |
| Etienne Parent.....      | 12 months salary as Light-keeper.....                                    | \$591 40 |          |
| do .....                 | do superannuation tax.....   | 5 60     |          |
| do .....                 | Fuel, 188?-84 .....  | 600 00   |          |
| do .....                 | Board of carpenters.....   | 24 00    |          |
| T. Routier.....          | Building new house.....  | 34 46    |          |
| S. Peters .....          | Lumber.....  | 740 18   |          |
| F. Turgeon .....         | Passage of men.....  | 571 95   |          |
| N. Blanchet.....         | Hauling lumber.....  | 24 45    |          |
| J. A. Pelletier .....    | Lime.....  | 12 00    |          |
| Auger & Martineau .....  | Glass, putty, hinges, etc.....   | 19 50    |          |
| G. M. Webster & Co.....  | Bricks.....  | 34 88    |          |
| J. Shea & Bro.....       | Provisions for carpenters .....  | 32 60    |          |
| L. Arel.....             | do do .....  | 31 00    |          |
| A. J. Turcotte .....     | do do .....  | 10 40    |          |
| N. Fricault .....        | Passage and board.....   | 22 65    |          |
| W. D. Campbell .....     | 2 years ground rent, to 30th June, 1884.....                             | 5 75     |          |
| S. Bedard.....           | Water spout, repairs, etc.....   | 48 00    |          |
| Beaudet & Chinic .....   | Paint, nails, cast steel.....  | 51 05    |          |
| R. Blakiston.....        | Sails.....   | 33 98    |          |
| L. Leclerc.....          | Junk.....  | 23 30    |          |
| O. Simard.....           | Pipes.....   | 25 45    |          |
|                          |  | 5 00     |          |
| Carried forward.....     |  | 2,350 60 | 8,432 08 |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—*Continued.*

|                             |  | \$      | cts.   | \$     | cts. |
|-----------------------------|--|---------|--------|--------|------|
|                             | Brought forward.....                   | 2,350   | 60     | 8,432  | 08   |
| <i>Bicquette—Concluded.</i> |  |         |        |        |      |
| J. & W. Reid.....           | Felt paper.....                        |         | 8 40   |        |      |
| J. Hamel et frère.....      | Reflector cloth.....                   |         | 4 35   |        |      |
| E. Bérubé.....              | Repairing stove.....                   |         | 3 95   |        |      |
| T. Parent.....              | Barrelling coal.....                   |         | 4 05   |        |      |
|                             |  |         |        | 2,371  | 35   |
| <i>Bird Rocks.</i>          |  |         |        |        |      |
| T. Turbide.....             | 12 months salary as Light-keeper.....  | \$1,288 | 00     |        |      |
| do.....                     | do superannuation tax.....             |         | 12 00  |        |      |
|                             |  |         |        | 1,300  | 00   |
| G. M. Webster & Co.....     | 15 chaldrons coal, at \$6.75.....      |         | 101 25 |        |      |
| Audet & Robitaille.....     | Rope, flag, blocks, etc.....           |         | 52 10  |        |      |
| Beaudet & Chinic.....       | Chain, paint, iron and nails.....      |         | 33 36  |        |      |
| J. Hamel et frères.....     | Curtains and reflector cloth.....      |         | 10 35  |        |      |
| G. T. Phillips.....         | Sheet lead and screws.....             |         | 20 89  |        |      |
| L. Leclerc.....             | Junk.....                              |         | 45 61  |        |      |
| R. Delany & Son.....        | Boat.....                              |         | 38 00  |        |      |
| P. Turbide.....             | Flat boat.....                         |         | 22 00  |        |      |
| T. Parent.....              | Barrelling coal.....                   |         | 88 68  |        |      |
| S. Peters.....              | Lumber.....                            |         | 44 15  |        |      |
| Bisset Bros.....            | Castings.....                          |         | 21 00  |        |      |
| C. Vézina.....              | Iron-work.....                         |         | 26 85  |        |      |
| T. Routier.....             | On account powder magazine.....        |         | 17 60  |        |      |
| J. Hood.....                | 1 cord wood.....                       |         | 3 30   |        |      |
| E. Giroux et frère.....     | Medicines.....                         |         | 4 30   |        |      |
| S. Bédard.....              | Measures.....                          |         | 2 00   |        |      |
|                             |  |         |        | 1,831  | 34   |
| <i>Brandy Pots.</i>         |  |         |        |        |      |
| Alph. Richard.....          | 12 months salary as Light-keeper.....  | \$395   | 00     |        |      |
| do.....                     | do superannuation tax.....             |         | 5 00   |        |      |
|                             |  |         |        | 400    | 00   |
| do.....                     | Fuel, 1883-84.....                     |         | 30 00  |        |      |
| do.....                     | Boat, \$18; repairs, \$2.56.....       |         | 20 56  |        |      |
| J. Hamel et frères.....     | Reflector cloth.....                   |         | 2 37   |        |      |
| Beaudet & Chinic.....       | Locks.....                             |         | 2 25   |        |      |
|                             |  |         |        | 455    | 18   |
| <i>Cap à l'Aigle.</i>       |  |         |        |        |      |
| E. Savard.....              | Salary as Light-keeper for season..... |         | 40 00  |        |      |
| do.....                     | Repairs.....                           |         | 4 00   |        |      |
| S. Bédard.....              | Stove and pipe.....                    |         | 21 55  |        |      |
| Audet & Robitaille.....     | Rope.....                              |         | 0 84   |        |      |
| J. Hamel et frères.....     | Reflector cloth.....                   |         | 0 39   |        |      |
|                             |  |         |        | 66     | 78   |
| <i>Cap aux Oies.</i>        |  |         |        |        |      |
| J. Savard.....              | 12 months salary as Light-keeper.....  | \$293   | 24     |        |      |
| do.....                     | do superannuation tax.....             |         | 3 76   |        |      |
|                             |  |         |        | 300    | 00   |
| do.....                     | Fuel.....                              |         | 20 00  |        |      |
| Beaudet & Chinic.....       | Hardware, glass, etc.....              |         | 4 00   |        |      |
| Renaud & Co.....            | Lamp, chimneys and wicks.....          |         | 3 65   |        |      |
| G. Lamontagne.....          | Clock repaired.....                    |         | 1 50   |        |      |
| J. Hamel et frères.....     | Reflector cloth.....                   |         | 1 47   |        |      |
|                             |  |         |        | 330    | 62   |
|                             | Carried forward.....                   |         |        | 13,487 | 35   |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—*Continued.*

|                                |  | \$ cts.  | \$ cts.   |
|--------------------------------|--|----------|-----------|
| Brought forward.....           |  |          | 13,487 35 |
| <i>Cape Bauld.</i>             |  |          |           |
| Alex. St. Laurent.....         | 12 months salary as Light-keeper ..... | 800 00   |           |
| T. Routier.....                | Stable .....                           | 24 37    |           |
| S. Peters.....                 | Lumber.....                            | 81 26    |           |
| Beaudet & Chinic.....          | Bar iron, etc.....                     | 31 86    |           |
| J. B. Renaud & Co.....         | Hay, oats, bran, etc.....              | 58 82    |           |
| do .....                       | Lamp, chimneys and wicks .....         | 10 15    |           |
| S. Bedard.....                 | Stove, pipe and grate.....             | 17 90    |           |
| E. Giroux et frère.....        | Medicines.....                         | 0 63     |           |
| Noonan & Davies.....           | 55 tons coal, at \$2.50 .....          | \$137 50 |           |
| do .....                       | Freight on 55 tons, at \$5 .....       | 275 00   |           |
| do .....                       | Commission, at 2½ per cent.....        | 10 30    |           |
|                                |  | 422 83   |           |
| T. Parent.....                 | Barrelling coal .....                  | 2 56     |           |
| G. T. Phillips.....            | Stocks and dies, bolts, &c. ....       | 71 35    |           |
| M. J. Shaw & Co.....           | Taps.....                              | 7 75     |           |
| E. Chanteloup.....             | Tools.....                             | 48 71    |           |
| G. M. Webster & Co.....        | ¾ chaldron coal .....                  | 4 25     |           |
| A. St. Laurent.....            | Putting up whistle .....               | 144 50   |           |
|                                |  | 1,726 88 |           |
| <i>Cape Chatte.</i>            |  |          |           |
| T. Côté.....                   | 12 months salary as Light-keeper ..... | \$295 24 |           |
| do .....                       | do superannuation tax.....             | 3 76     |           |
|                                |  | 300 00   |           |
| do .....                       | Fuel, 1883-84.....                     | 24 00    |           |
| do .....                       | To pay for right of way .....          | 4 00     |           |
| do .....                       | Paid repairs.....                      | 30 00    |           |
| do .....                       | Postage.....                           | 2 12     |           |
| J. Hamel et frères.....        | Reflector cloth .....                  | 2 37     |           |
| Renaud & Co.....               | Chimneys and wicks .....               | 3 60     |           |
| A. Marmen.....                 | Cartage of stores.....                 | 5 75     |           |
| Audet & Robitaille.....        | Halyards.....                          | 1 75     |           |
| <i>Cape Chatte (Fog-Horn).</i> |  |          |           |
| S. Dion.....                   | 12 months salary as Keeper.....        | \$345 60 |           |
| do .....                       | do superannuation tax.....             | 4 40     |           |
|                                |  | 350 00   |           |
| do .....                       | Repairing shed .....                   | 40 00    |           |
| do .....                       | Sawing wood .....                      | 55 00    |           |
| do .....                       | House rent.....                        | 36 00    |           |
| B. Roy.....                    | 50 cords maple, at \$3.60 .....        | \$144 00 |           |
| do .....                       | 10 do tamarac, at \$2.70 .....         | 27 00    |           |
|                                |  | 171 00   |           |
| <i>Cape Despair.</i>           |  |          |           |
| John Beck.....                 | 12 months salary as Light-keeper.....  | \$395 00 |           |
| do .....                       | do superannuation tax.....             | 5 00     |           |
|                                |  | 400 00   |           |
| do .....                       | Fuel, \$20; repairing lamps, \$12..... | 32 00    |           |
| S. Bedard.....                 | Lamps .....                            | 35 90    |           |
| E. Chanteloup.....             | Silvering reflectors .....             | 46 50    |           |
| do .....                       | Glass .....                            | 98 25    |           |
| P. Jobin.....                  | Fitting glasses and lamps.....         | 65 10    |           |
| J. Hamel et frères.....        | Curtains .....                         | 9 97     |           |
| Beaudet & Chinic.....          | Axe, putty, etc.....                   | 4 04     |           |
| Renaud & Co.....               | Chimneys and wicks.....                | 3 60     |           |
| J. Chabot.....                 | Freight on lamp, oil, etc .....        | 1 90     |           |
|                                |  | 695 26   |           |
| Carried forward .....          |  |          | 16,935 08 |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—Continued.

|                           |   | \$    | cts.   | \$     | cts. |
|---------------------------|---|-------|--------|--------|------|
| Brought forward .....     |   |       |        | 16,935 | 08   |
| <i>Cape Gaspé.</i>        |   |       |        |        |      |
| C. D. Esnouf .....        | 12 months salary as Light-keeper.....                     | \$795 | 00     |        |      |
| do .....                  | do superannuation tax.....                                |       | 5 00   |        |      |
| do .....                  | Repairs, \$24.25; board, \$8.57; postage, \$2.34.....     |       | 800 00 |        |      |
| S. Peters.....            | Lumber.....   |       | 35 16  |        |      |
| P. Jobin.....             | Powder magazine and store.....                            |       | 294 59 |        |      |
| Beaudet & Chinic.....     | Zinc, nails.....  |       | 177 34 |        |      |
| L. Leclerc.....           | Junk.....   |       | 61 75  |        |      |
| G. T. Phillips.....       | Pump, pipe.....   |       | 52 70  |        |      |
| S. J. Shaw & Co.....      | Rubber gaskets.....                                       |       | 16 00  |        |      |
| Audet & Robitaille.....   | Rope.....   |       | 7 75   |        |      |
| J. Hamel et frères.....   | Reflector cloth.....                                      |       | 8 96   |        |      |
| J. A. Pelletier.....      | Lime.....   |       | 2 91   |        |      |
|                           |   |       | 1 50   |        |      |
|                           |   |       |        | 1,458  | 66   |
| <i>Cape Magdalen.</i>     |   |       |        |        |      |
| G. Lavergne.....          | 12 months salary as Light-keeper.....                     | \$296 | 24     |        |      |
| do .....                  | do superannuation tax.....                                |       | 3 76   |        |      |
| do .....                  | Fuel, \$25; postage, \$4.50.....                          |       | 300 00 |        |      |
| do .....                  | Repairing house.....                                      |       | 29 50  |        |      |
| Audet & Robitaille.....   | Canvas.....   |       | 11 00  |        |      |
| Beaudet & Chinic.....     | Nails, paint, pick, etc.....                              |       | 43 36  |        |      |
| E. Giroux et frère.....   | Medicine.....   |       | 23 99  |        |      |
| S. Bedard.....            | Ventilator, pipes, etc.....                               |       | 9 65   |        |      |
| T. Parent.....            | Water buckets.....  |       | 28 10  |        |      |
| J. Hamel et frères.....   | Reflector cloth.....                                      |       | 4 75   |        |      |
|                           |   |       | 2 91   |        |      |
|                           |   |       |        | 453    | 26   |
| <i>Cape Normand.</i>      |   |       |        |        |      |
| Hy. Locke.....            | 12 months salary as Light-keeper.....                     | \$493 | 72     |        |      |
| do .....                  | do superannuation tax.....                                |       | 6 28   |        |      |
| do .....                  | Cartage, \$20; fuel, \$60.....                            |       | 500 00 |        |      |
| do .....                  | Repairs.....  |       | 80 00  |        |      |
| S. Peters.....            | Lumber.....   |       | 300 00 |        |      |
| Beaudet & Chinic.....     | Nails, paint, brushes, etc.....                           |       | 358 11 |        |      |
| E. Cazeau.....            | Wheels.....   |       | 59 80  |        |      |
| Geo. M. Webster & Co..... | Eight tons coal, at \$5.....                              |       | 29 00  |        |      |
| T. Parent.....            | Barrelling coal.....                                      |       | 40 00  |        |      |
| E. Giroux et frère.....   | Medicine.....   |       | 30 40  |        |      |
| G. T. Phillips.....       | Sheet lead.....   |       | 10 80  |        |      |
| L. Leclerc.....           | Felt paper.....   |       | 13 21  |        |      |
| J. Hamel et frères.....   | Reflector cloth and curtains.....                         |       | 10 26  |        |      |
| J. A. Pelletier.....      | Lime.....   |       | 9 95   |        |      |
| S. Bedard.....            | Stove doors.....  |       | 3 00   |        |      |
| Audet & Robitaille.....   | Rope.....   |       | 2 65   |        |      |
| G. Lamontagne.....        | Repairing clock.....                                      |       | 2 44   |        |      |
|                           |   |       | 1 50   |        |      |
|                           |   |       |        | 1,451  | 12   |
| <i>Cape Ray.</i>          |   |       |        |        |      |
| R. Rennie.....            | 12 months salary as Light-keeper.....                     | \$595 | 00     |        |      |
| do .....                  | do superannuation tax.....                                |       | 5 00   |        |      |
| do .....                  | Fuel, \$40; repairs to road, flagstaff, etc., \$349.75... |       | 600 00 |        |      |
| S. Peters.....            | Lumber.....   |       | 389 75 |        |      |
| L. Leclerc.....           | Felt paper.....   |       | 549 36 |        |      |
| Audet & Robitaille.....   | Rope and bunting.....                                     |       | 10 20  |        |      |
|                           |   |       | 11 15  |        |      |
| Carried forward.....      |   |       |        | 1,560  | 46   |
|                           |   |       |        | 21,398 | 12   |



STATEMENT of Expenditure on account of Maintenance of Light below  
Quebec, etc.—Continued.

|                            |  | \$    | cts. | \$     | cts. |
|----------------------------|--|-------|------|--------|------|
|                            | Carried forward.....   | 1,560 | 46   | 21,398 | 12   |
| <i>Cape Ray—Concluded.</i> |  |       |      |        |      |
| E. Giroux et frère.....    | Medicine.....  | 15    | 90   |        |      |
| T. Routier.....            | Chimneys.....  | 16    | 70   |        |      |
| J. B. Renaud & Co.....     | Oats and hay.....  | 38    | 64   |        |      |
| S. Bédard.....             | Stove, pipe, lamps, etc.....   | 38    | 70   |        |      |
| J. Hamel et frères.....    | Curtains and reflector cloth.....  | 11    | 51   |        |      |
| T. Houghton.....           | Horse shoes.....   | 3     | 60   |        |      |
| J. A. Pelletier.....       | Lime.....  | 3     | 00   |        |      |
| S. J. Shaw & Co.....       | Thermometer.....   | 1     | 35   |        |      |
| R. Rennie.....             | Repairing staff and road.....  | 23    | 50   |        |      |
| <i>Fog-Whistle.</i>        |  |       |      |        |      |
| R. Rennie.....             | 12 months salary as Engineer.....  | 400   | 00   |        |      |
| G. T. Phillips.....        | Lead and packing.....  | 74    | 96   |        |      |
| Beudet & Chinic.....       | Hardware, nails, tacks, varnish, glass, etc.....                           | 101   | 08   |        |      |
| Noonan & Davis.....        | 34½ tons coal, at \$2 50, \$86 25; commission, \$2.15.                     | 88    | 40   |        |      |
| A. Foisy.....              | Freight on coal, at \$3 per ton.....                                       | 103   | 50   |        |      |
|                            |  |       |      | 2,481  | 30   |
| <i>Cape Rosier.</i>        |  |       |      |        |      |
| A. Trudeau.....            | 12 months salary as Light-keeper.....                                      | \$596 | 25   |        |      |
| do.....                    | do superannuation tax.....   | 5     | 00   |        |      |
| do.....                    | Fuel, 1883-84.....   | 601   | 25   |        |      |
| S. Bedard.....             | Stove, pipe, etc.....  | 30    | 00   |        |      |
| Renaud & Co.....           | Lamp and chimney.....  | 14    | 55   |        |      |
| Audet & Robitaille.....    | Rope, canvas, etc.....   | 8     | 90   |        |      |
| W. Robert.....             | Rope, canvas, etc.....   | 15    | 15   |        |      |
| L. Leclerc.....            | Repairing crane.....   | 22    | 00   |        |      |
| J. A. Pelletier.....       | Junk.....  | 10    | 08   |        |      |
| J. Hamel et frères.....    | Lime.....  | 4     | 50   |        |      |
| A. Trudeau.....            | Reflector cloth.....   | 4     | 35   |        |      |
|                            | Paid for labor.....  | 6     | 50   |        |      |
| <i>Fog-Whistle.</i>        |  |       |      |        |      |
| J. E. Kane.....            | Wages, from 9th May, 1883, to 31st March, 1884,<br>putting up whistle..... | 540   | 00   |        |      |
| do.....                    | Travelling expenses.....   | 106   | 93   |        |      |
| A. Trudeau.....            | Board of engineer.....   | 136   | 05   |        |      |
| S. Peters.....             | Lumber for sheds and engine-house.....                                     | 1,351 | 88   |        |      |
| P. Jobin.....              | Building do do.....  | 1,036 | 62   |        |      |
| B. Eden.....               | Removing coal.....   | 263   | 75   |        |      |
| Beudet & Chinic.....       | Hardware, glass, boiler-plates, paint, etc.....                            | 417   | 53   |        |      |
| Noonan & Davies.....       | 137½ tons coal, at \$2.50.....   | 343   | 75   |        |      |
| do.....                    | Freight on 50 tons, at \$4.....  | \$200 | 00   |        |      |
| do.....                    | do 87½ tons, at \$1.50.....  | 131   | 25   |        |      |
| do.....                    | Commission, 2½ per cent.....   | 16    | 87   |        |      |
|                            |  | 348   | 12   |        |      |
| T. Parent.....             | Barrelling coal.....   | 49    | 08   |        |      |
| C. Vezina.....             | Bolts, nuts, chimney.....  | 44    | 84   |        |      |
| Bisset Bros.....           | Castings, etc.....   | 44    | 25   |        |      |
| A. Trudeau.....            | Hauling coal.....  | 32    | 00   |        |      |
| G. T. Phillips.....        | Tongs and castings.....  | 28    | 13   |        |      |
| J. Packwood.....           | Covering trench.....   | 14    | 20   |        |      |
| J. Brousseau.....          | Barrelling coal.....   | 6     | 00   |        |      |
| S. J. Shaw & Co.....       | Rubber joints.....   | 4     | 50   |        |      |
| G. M. Webster & Co.....    | Cement.....  | 4     | 00   |        |      |
| S. Peters.....             | Removing coal.....   | 12    | 00   |        |      |
| J. Kane.....               | Paid for labor.....  | 16    | 50   |        |      |
|                            |  |       |      | 5,517  | 41   |
|                            | Carried forward.....   |       |      | 28,296 | 83   |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—Continued.

|                                     |  | \$    | cts. | \$     | cts. |
|-------------------------------------|--|-------|------|--------|------|
| Brought forward .....               |  |       |      | 28,296 | 83   |
| <i>Carleton Point.</i>              |  |       |      |        |      |
| Elm. Landry.....                    | 12 months salary as Light-keeper ..... | \$296 | 24   |        |      |
| do .....                            | do superannuation tax.....             | 3     | 76   |        |      |
|                                     |  |       |      | 300    | 00   |
| do .....                            | Fuel, 1883-34.....                     |       |      | 20     | 00   |
| J. Hamel et frères .....            | Reflector cloth .....                  |       |      | 2      | 19   |
| Renaud & Co.....                    | Chimneys and wicks.....                |       |      | 2      | 30   |
|                                     |  |       |      |        |      |
| <i>Chicoutimi Lights and Buoys.</i> |  |       |      |        |      |
| C. Harvey .....                     | Salary for season, 1883, wharf .....   | \$40  | 00   |        |      |
| J. Marier .....                     | do range .....                         | 65    | 00   |        |      |
| A. Boudreau.....                    | do do .....                            | 65    | 00   |        |      |
| H. Savard .....                     | do do .....                            | 65    | 00   |        |      |
| F. Gauthier .....                   | do do .....                            | 37    | 50   |        |      |
| J. Duperré.....                     | do do .....                            | 37    | 50   |        |      |
| O. Lachance .....                   | do do .....                            | 37    | 50   |        |      |
| A. Simard.....                      | do do .....                            | 37    | 50   |        |      |
|                                     |  |       |      | 385    | 00   |
| A. Sturton.....                     | Replacing buoys .....                  |       |      | 169    | 20   |
| Widow O. Tremblay .....             | Repairs to lights .....                |       |      | 68     | 96   |
| J. Tremblay .....                   | Storage and attendance .....           |       |      | 60     | 80   |
| S. Bedard .....                     | Lanterns, chimneys, etc.....           |       |      | 67     | 30   |
| P. P. Pouliot .....                 | Boat .....                             |       |      | 58     | 20   |
| Audet & Robitaille.....             | Rope, chain, etc. ....                 |       |      | 49     | 12   |
| R. Blackiston.....                  | Sails .....                            |       |      | 21     | 20   |
| W. Warren .....                     | Removing lights.....                   |       |      | 20     | 00   |
| E. Lemieux.....                     | Iron-work .....                        |       |      | 10     | 00   |
| Beaudet & Chinic .....              | Iron and glass .....                   |       |      | 8      | 05   |
| H. Black & Co.....                  | Sinkers .....                          |       |      | 5      | 82   |
| X. Savard .....                     | Freight on boat .....                  |       |      | 6      | 00   |
| J. Hamel et frères.....             | Reflector cloth .....                  |       |      | 2      | 11   |
| J. A. Pelletier .....               | Lime .....                             |       |      | 1      | 50   |
| Beaudet & Chinic .....              | Locks.....                             |       |      | 1      | 50   |
|                                     |  |       |      |        |      |
| <i>Crane Island.</i>                |  |       |      |        |      |
| J. Painchaud .....                  | 12 months salary as Light-keeper ..... | \$316 | 00   |        |      |
| do .....                            | do superannuation tax.....             | 4     | 00   |        |      |
|                                     |  |       |      | 320    | 00   |
| do .....                            | Fuel, 1883-84.....                     |       |      | 16     | 00   |
| Beaudet & Chinic .....              | Paint, glass, etc. ....                |       |      | 7      | 00   |
| Audet & Robitaille.....             | Rope and pulleys .....                 |       |      | 12     | 52   |
| J. Hamel et frères.....             | Reflector cloth .....                  |       |      | 2      | 91   |
|                                     |  |       |      |        |      |
| <i>Eboulements.</i>                 |  |       |      |        |      |
| A. Goudreau.....                    | Salary for season 1883.....            | 40    | 00   |        |      |
| S. Bedard .....                     | Repairing lamps .....                  | 1     | 75   |        |      |
| Renaud & Co. ....                   | Chimneys .....                         | 1     | 50   |        |      |
| J. Hamel et frères.....             | Reflector cloth .....                  | 0     | 39   |        |      |
| Beaudet & Chinic .....              | Lock .....                             | 0     | 60   |        |      |
|                                     |  |       |      |        |      |
| <i>Egg Island.</i>                  |  |       |      |        |      |
| Paul Coté.....                      | 12 months salary as Light-keeper ..... | \$493 | 72   |        |      |
| do .....                            | do superannuation tax .....            | 6     | 28   |        |      |
|                                     |  |       |      | 500    | 00   |
| do .....                            | Fuel, 1883-84.....                     |       |      | 60     | 00   |
|                                     |  |       |      |        |      |
| Carried forward.....                |  |       |      | 560    | 00   |
|                                     |  |       |      | 29,958 | 75   |

STATEMENT of Expenditure on account of Maintenance of Lights below Quebec, etc.—Continued.

|                              |   | \$       | cts.   | \$ | cts.      |
|------------------------------|---|----------|--------|----|-----------|
| Brought forward.....         |   |          | 560 00 |    | 29,958 75 |
| <i>Egg Island—Concluded.</i> |   |          |        |    |           |
| S. Peters.....               | Lumber.....                                   |          | 55 68  |    |           |
| S. Bedard.....               | Stove, chimney top, etc.....                  |          | 47 75  |    |           |
| Beaudet & Chinic.....        | Iron, glass and nails.....                    |          | 16 05  |    |           |
| Audet & Robitaille.....      | Rope and anchor.....                          |          | 11 06  |    |           |
| T. Parent.....               | Water barrels.....                            |          | 6 75   |    |           |
| Renaud & Co.....             | Lamp, chimneys and wicks.....                 |          | 5 05   |    |           |
| Wm. Barbour.....             | Paid for labor at crane.....                  |          | 4 00   |    |           |
| J. Hamel et frères.....      | Reflector cloth.....                          |          | 3 63   |    |           |
| J. A. Pelletier.....         | Lime.....                                     |          | 1 50   |    |           |
|                              |   |          |        |    | 711 47    |
| <i>Ellis Bay.</i>            |   |          |        |    |           |
| R. Setter.....               | 12 months salary as Light-keeper.....         |          | 197 48 |    |           |
| do.....                      | do superannuation tax.....                    |          | 2 52   |    |           |
|                              |   |          |        |    | 200 00    |
| <i>Entry Island.</i>         |   |          |        |    |           |
| J. Cassidy.....              | 12 months salary as Light-keeper.....         | \$296 24 |        |    |           |
| do.....                      | do superannuation tax.....                    | 3 76     |        |    |           |
| do.....                      | Fuel, 1883-84.....                            |          | 300 00 |    |           |
| do.....                      | Repairs to Lighthouse.....                    |          | 20 00  |    |           |
| S. Peters.....               | Lumber.....                                   |          | 35 00  |    |           |
| N. Dickson.....              | Ground rent.....                              |          | 56 25  |    |           |
| J. Hamel et frères.....      | Curtains and reflector cloth.....             |          | 15 00  |    |           |
| G. T. Phillips.....          | Sheet lead.....                               |          | 8 77   |    |           |
| Beaudet & Chinic.....        | Whiting, nails, etc.....                      |          | 5 84   |    |           |
| S. Bedard.....               | Grate.....                                    |          | 3 70   |    |           |
| T. Parent.....               | Water barrel.....                             |          | 3 40   |    |           |
| J. A. Pelletier.....         | Lime.....                                     |          | 2 50   |    |           |
|                              |   |          |        |    | 451 96    |
| <i>Etang du Nord.</i>        |   |          |        |    |           |
| T. O'Brien.....              | 12 months salary as Light-keeper.....         |          | 800 00 |    |           |
| do.....                      | Fuel, 1883-84.....                            |          | 100 00 |    |           |
| do.....                      | Clearing drain, \$52; postage, \$2.....       |          | 54 00  |    |           |
| S. Peters.....               | Lumber.....                                   |          | 82 90  |    |           |
| Beaudet & Chinic.....        | Iron, paint and glass.....                    |          | 15 50  |    |           |
| Whitehead & Turner.....      | Tube brushes.....                             |          | 10 00  |    |           |
| S. J. Shaw & Co.....         | Rubber joints.....                            |          | 10 83  |    |           |
| H. Leblanc.....              | Right of way.....                             |          | 8 00   |    |           |
| S. Bedard.....               | Measures, kettle, etc.....                    |          | 5 50   |    |           |
| J. A. Pelletier.....         | Lime.....                                     |          | 3 00   |    |           |
| J. Hamel et frères.....      | Reflector cloth.....                          |          | 2 55   |    |           |
| G. T. Phillips.....          | Lead.....                                     |          | 2 00   |    |           |
| Audet & Robitaille.....      | Halyards.....                                 |          | 1 70   |    |           |
|                              |   |          |        |    | 1,096 03  |
| <i>Fame Point.</i>           |   |          |        |    |           |
| Jas. Ascah.....              | 12 months salary as Light-keeper.....         | \$395 00 |        |    |           |
| do.....                      | do superannuation tax.....                    | 5 00     |        |    |           |
| do.....                      | Fuel, 1883-84.....                            |          | 400 00 |    |           |
| do.....                      | Fence, \$30; repairs to Lighthouse, \$20..... |          | 20 00  |    |           |
| S. Bedard.....               | Stoves.....                                   |          | 50 00  |    |           |
| Beaudet & Chinic.....        | Files, whiting and putty.....                 |          | 12 65  |    |           |
| Renaud & Co.....             | Lamps, chimneys and wicks.....                |          | 2 94   |    |           |
| J. Hamel et frères.....      | Reflector cloth.....                          |          | 6 00   |    |           |
| W. M. McDonald.....          | Wall paper.....                               |          | 3 63   |    |           |
| J. A. Pelletier.....         | Lime.....                                     |          | 1 50   |    |           |
| Audet & Robitaille.....      | Halyards.....                                 |          | 1 50   |    |           |
|                              |   |          |        |    | 499 92    |
| Carried forward.....         |   |          |        |    | 32,918 13 |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—Continued.

|                          |  | \$ cts.  | \$ cts.   |
|--------------------------|--|----------|-----------|
| Brought forward.....     |  |          | 32,918 13 |
| <i>Father Point.</i>     |  |          |           |
| J. McWilliams .....      | 12 months salary as Light-keeper.....  | \$337 48 |           |
| do .....                 | do superannuation tax .....            | 2 52     |           |
|                          |  | 340 00   |           |
| do .....                 | Fuel and water, 1883-84.....           | 30 00    |           |
| do .....                 | Repairs and postage .....              | 3 50     |           |
| Beaudet & Chinic.....    | Nails, putty, paint, etc. ....         | 14 25    |           |
| S. Leclerc .....         | Junk .....                             | 10 08    |           |
| Renaud & Co.....         | Chimneys, wicks, etc.....              | 6 90     |           |
| E. Giroux et frère.....  | Medicines .....                        | 4 25     |           |
| J. Hamel et frères.....  | Reflector cloth.....                   | 3 81     |           |
| Audet & Robitaille.....  | Halyards.....                          | 1 75     |           |
|                          |  |          | 414 54    |
| <i>Forteau.</i>          |  |          |           |
| M. T. Wyatt.....         | 12 months salary as Light-keeper ....  | \$493 72 |           |
| do .....                 | do superannuation tax.....             | 6 28     |           |
| do .....                 | Repairs .....                          | 500 00   |           |
| do .....                 | Medicines .....                        | 79 00    |           |
| E. Giroux et frères..... | Medicines .....                        | 19 15    |           |
| J. Marmen.....           | Horse .....                            | 100 00   |           |
| Fisher & Blouin .....    | Harness .....                          | 18 00    |           |
| Ang. Charrier .....      | Halter and horse shoes.....            | 4 60     |           |
| J. B. Renaud & Co.....   | Oats, bran, etc.....                   | 53 37    |           |
| H. J. Jeffery.....       | Horse .....                            | 80 00    |           |
| Audet & Robitaille.....  | Rope and chain.....                    | 33 36    |           |
| Beaudet & Chinic.....    | Files, paint, putty, etc.....          | 29 00    |           |
| S. Bédard .....          | Stove .....                            | 15 00    |           |
| J. O'Sullivan .....      | Horse shoes .....                      | 3 60     |           |
| J. Hamel et frères ..... | Reflector cloth .....                  | 4 35     |           |
| S. Peters .....          | Lumber .....                           | 53 50    |           |
| E. Cazeau.....           | Wheels .....                           | 29 00    |           |
| G. Lamontagne .....      | Clock and repairs .....                | 10 00    |           |
| T. Parent .....          | Water barrels .....                    | 5 25     |           |
| Renaud & Co.....         | Chimneys, burners, etc.....            | 3 10     |           |
| <i>Fog Whistle.</i>      |  |          |           |
| M. T. Wyatt.....         | 12 months salary as Engineer .....     |          | 300 00    |
| Noonan & Davies .....    | 86 tons coal, at \$2.40.....           | \$206 40 |           |
| do .....                 | Commission, 2½ per cent. ....          | 5 44     |           |
|                          |  |          | 211 84    |
| Wm. Wardman .....        | Freight on 86 tons coal, at \$4 .....  | \$344 00 |           |
| do .....                 | Less, advance .....                    | 6 00     |           |
|                          |  |          | 338 00    |
| M. T. Wyatt.....         | Hauling coals.....                     |          | 398 10    |
| G. T. Phillips.....      | Repairing hose, couplings, etc.....    |          | 186 48    |
| Beaudet & Chinic.....    | Nails, screws, etc.....                |          | 22 92     |
| S. J. Shaw & Co.....     | Rubber and packing .....               |          | 16 10     |
| Whitehead & Turner.....  | Tube brushes.....                      |          | 9 00      |
|                          |  |          | 2,522 72  |
| <i>Gaspé Basin.</i>      |  |          |           |
| B. Eden .....            | 12 months salary as Light-keeper ..... |          | 42 00     |
| Renaud & Co.....         | Reflector.....                         |          | 1 50      |
| Beaudet & Chinic .....   | Whiting .....                          |          | 0 90      |
| J. Hamel et frères.....  | Reflector cloth .....                  |          | 0 65      |
|                          |  |          | 45 05     |
| Carried forward.....     |  |          | 35,900 44 |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—Continued.

|                          |  | \$    | cts.  | \$     | cts.  |
|--------------------------|--|-------|-------|--------|-------|
| Brought forward.....     |  |       |       | 35,900 | 44    |
| <i>Gaspé Lightship.</i>  |  |       |       |        |       |
| John Ascah .....         | 12 months salary as Light-keeper.....      | 400   | 00    |        |       |
| J. Hamel et frères ..... | Reflector cloth .....                      |       | 0 91  |        |       |
|                          |  |       |       | 400    | 91    |
| <i>Green Island.</i>     |  |       |       |        |       |
| G. W. Lindsay .....      | 12 months salary as Light-keeper.....      | \$853 | 72    |        |       |
| do .....                 | do superannuation tax.....                 |       | 6 28  |        |       |
|                          |  |       |       | 860    | 00    |
| do .....                 | Repairs .....                              |       | 28 65 |        |       |
| J. Sullivan .....        | Water tank .....                           |       | 73 86 |        |       |
| R. Blakiston .....       | Sails.....                                 |       | 53 00 |        |       |
| S. Bédard .....          | Tinsmith's repairs, grate, etc. ....       |       | 30 00 |        |       |
| L. Leclerc .....         | Junk.....                                  |       | 15 12 |        |       |
| G. M. Webster & Co.....  | Bricks .....                               |       | 10 95 |        |       |
| Hy. Black .....          | Winch .....                                |       | 45 00 |        |       |
| Audet & Robitaille ..... | Chain, tar, etc.....                       |       | 12 21 |        |       |
| T. Parent .....          | Water barrel .....                         |       | 3 75  |        |       |
| Beaudet & Chinic .....   | Paint, brushes, files, putty, etc. ....    |       | 5 80  |        |       |
| J. A. Pelletier.....     | Lime .....                                 |       | 4 50  |        |       |
| J. Hamel et frères ..... | Reflector cloth .....                      |       | 4 35  |        |       |
|                          |  |       |       | 1,147  | 19    |
| <i>Greenly Island.</i>   |  |       |       |        |       |
| L. C. de Beaumont.....   | 12 months salary as Light-keeper.....      | \$595 | 00    |        |       |
| do .....                 | do superannuation tax.....                 |       | 5 00  |        |       |
|                          |  |       |       | 600    | 00    |
| G. T. Phillips .....     | Pump, pipe, etc.....                       |       | 25 36 |        |       |
| L. Leclerc .....         | Junk .....                                 |       | 25 45 |        |       |
| S. Peters .....          | Lumber.....                                |       | 46 47 |        |       |
| Beaudet & Chinic .....   | Axe, soda, files, nails, etc. ....         |       | 12 05 |        |       |
| J. B. Renaud & Co.....   | Oats and bran .....                        |       | 43 34 |        |       |
| S. Bédard .....          | Stove and pipes .....                      |       | 21 95 |        |       |
| E. Giroux et frère ..... | Medicines .....                            |       | 4 55  |        |       |
| G. M. Webster & Co.....  | Cement .....                               |       | 4 50  |        |       |
| J. Hamel et frères ..... | Reflector cloth .....                      |       | 4 71  |        |       |
| J. Marmen .....          | 2 cords wood .....                         |       | 6 80  |        |       |
| J. A. Pelletier .....    | Lime .....                                 |       | 6 00  |        |       |
| Audet & Robitaille.....  | Rope .....                                 |       | 3 78  |        |       |
| G. Lamontagne.....       | Repairing clock .....                      |       | 1 50  |        |       |
|                          |  |       |       | 806    | 45    |
| <i>Isle aux Coudres.</i> |  |       |       |        |       |
| H. Rednault.....         | Salary for season of 1883-84 .....         |       | 40 00 |        |       |
| S. Bédard .....          | Lamp, chimney top, etc. ....               |       | 26 80 |        |       |
| Renaud & Co.....         | Lantern, chimneys and wicks .....          |       | 2 95  |        |       |
| Audet & Robitaille ..... | Rope.....                                  |       | 0 91  |        |       |
| J. Hamel et frères ..... | Reflector cloth .....                      |       | 0 39  |        |       |
|                          |  |       |       |        | 71 05 |
| <i>Kamouraska.</i>       |  |       |       |        |       |
| T. P. Desjardins .....   | 12 months salary as Light-keeper.....      | \$444 | 40    |        |       |
| do .....                 | do superannuation tax.....                 |       | 5 60  |        |       |
|                          |  |       |       | 450    | 00    |
| do .....                 | Fuel, 1883-84 .....                        |       | 25 00 |        |       |
| do .....                 | Canoe, \$20; repairing boat, \$17.84 ..... |       | 37 84 |        |       |
| S. Bedard .....          | Lamps repaired.....                        |       | 49 35 |        |       |
| Audet & Robitaille ..... | Ensign .....                               |       | 8 85  |        |       |
| Beaudet & Chinic .....   | Screws, nails, etc.....                    |       | 7 13  |        |       |
| T. Simard .....          | Labour .....                               |       | 4 00  |        |       |
| J. Hamel et frères ..... | Reflector cloth .....                      |       | 2 73  |        |       |
|                          |  |       |       | 584    | 90    |
| Carried forward.....     |  |       |       | 38,910 | 94    |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—Continued.

|                                      |   | \$      | cts. | \$     | cts. |
|--------------------------------------|---|---------|------|--------|------|
|                                      | Brought forward .....                   |         |      | 38,910 | 94   |
| <i>Lark Islet.</i>                   |   |         |      |        |      |
| P. Bouillane.....                    | 12 months salary as Light-keeper .....  | \$197   | 48   |        |      |
| do .....                             | do superannuation tax.....              | 2       | 52   |        |      |
|                                      |   |         |      | 200    | 00   |
| do .....                             | Fuel, 1883 84.....                      |         |      | 30     | 00   |
| J. Bouillane .....                   | Building wharf .....                    |         |      | 68     | 43   |
| P. Bouillane .....                   | Flat boat .....                         |         |      | 14     | 00   |
| do .....                             | Board of men at repairs .....           |         |      | 9      | 50   |
| Audet & Robitaille .....             | Rope, cotton wicks, etc.....            |         |      | 18     | 29   |
| S. Bedard .....                      | Stove, pipe, etc.....                   |         |      | 43     | 40   |
| Renaud & Co. ....                    | Lantern.....                            |         |      | 1      | 35   |
| T. Parent .....                      | Water barrel .....                      |         |      | 3      | 75   |
| J. Hamel et frères .....             | Reflector cloth .....                   |         |      | 2      | 19   |
| <i>Lark Islet (Fog-Horn).</i>        |   |         |      |        |      |
| P. Bouillane .....                   | 12 months salary as Engineer .....      |         |      | 200    | 00   |
| J. Bouillane .....                   | 79½ cords wood, at \$2.92.....          |         |      | 232    | 87   |
| G. T. Phillips .....                 | Salonometer, packing, etc. ....         |         |      | 49     | 80   |
| Bisset Bros. ....                    | Reed and repairs .....                  |         |      | 47     | 95   |
| Beaudet & Chinic .....               | Bar iron, tools, etc. ....              |         |      | 24     | 13   |
| A. St. Laurent.....                  | Repairing horn.....                     |         |      | 9      | 30   |
| G. T. Phillips .....                 | Gauge and glasses .....                 |         |      | 16     | 42   |
|                                      |   |         |      |        |      |
|                                      |   |         |      | 971    | 88   |
| <i>Lower Traverse.</i>               |   |         |      |        |      |
| I. Gourdeau .....                    | Balance, contract for 1883. ....        | \$1,700 | 00   |        |      |
| do .....                             | Account do 1884.....                    | 600     | 00   |        |      |
|                                      |   |         |      | 2,300  | 00   |
| P. P. Pouliot .....                  | Boat .....                              |         |      | 139    | 00   |
| F. Gunn .....                        | Rope, canvass, etc. ....                |         |      | 48     | 25   |
| Audet & Robitaille.....              | Canvass, rope, belaying pins, etc. .... |         |      | 42     | 70   |
| G. T. Davie .....                    | Wintering on dock .....                 |         |      | 200    | 00   |
| do .....                             | Wood and iron repairs .....             |         |      | 260    | 58   |
| do .....                             | Painting .....                          |         |      | 66     | 95   |
| Beaudet & Chinic .....               | Iron screws, paint, etc. ....           |         |      | 38     | 37   |
| A. Charrier.....                     | Watching .....                          |         |      | 74     | 40   |
| S. Bedard .....                      | Stove .....                             |         |      | 7      | 85   |
| R. Blakiston.....                    | Sails .....                             |         |      | 90     | 65   |
| J. Hamel et frères .....             | Reflector cloth .....                   |         |      | 2      | 92   |
| T. Parent .....                      | Water barrel .....                      |         |      | 2      | 50   |
| L. T. Delisle.....                   | 9 days services at repairs .....        |         |      | 78     | 20   |
| W. Crawford & Co.....                | Moorage .....                           |         |      | 7      | 25   |
| G. Lamontagne .....                  | Repairing clock .....                   |         |      | 1      | 50   |
| <i>Lower Traverse (Fog-Whistle).</i> |   |         |      |        |      |
| F. Gunn.....                         | 20¾ tons coal, at \$5.50 .....          | \$114   | 54   |        |      |
| do .....                             | Cartage .....                           | 10      | 24   |        |      |
|                                      |   |         |      | 124    | 79   |
| Carrier, Lainé & Co.....             | Repairing engine and boiler.....        |         |      | 286    | 55   |
| G. T. Davie .....                    | do do .....                             |         |      | 212    | 20   |
| T. G. Gagnon .....                   | 38½ cords wood, at \$2.50.....          | \$96    | 26   |        |      |
| do .....                             | 17½ do .....                            | 43      | 50   |        |      |
|                                      |   |         |      | 139    | 76   |
| G. T. Phillips .....                 | Valves, flanges, pipe .....             |         |      | 184    | 72   |
| S. J. Shaw & Co .....                | Rubber joints, forge, etc. ....         |         |      | 97     | 51   |
| W. Stephens.....                     | Coaling .....                           |         |      | 15     | 00   |
| J. Mannen.....                       | 2 cords wood, at \$3.20 .....           |         |      | 6      | 40   |
| M. A. Dunn .....                     | Tallow .....                            |         |      | 1      | 56   |
|                                      |   |         |      |        |      |
|                                      |   |         |      | 4,427  | 61   |
|                                      | Carried forward.....                    |         |      | 44,309 | 93   |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—Continued.

|                               |   | \$ cts.    | \$ cts.   |
|-------------------------------|---|------------|-----------|
| Brought forward.....          |   |            | 44,309 93 |
| <i>Martin River.</i>          |   |            |           |
| J. Gauthier.....              | 12 months salary as Light-keeper.....                             | \$296 24   |           |
| do .....                      | do superannuation tax.....  | 3 76       |           |
|                               |   | 300 00     |           |
| do .....                      | Fuel, 1883-84.....  | 25 00      |           |
| do .....                      | Repairing house.....  | 28 96      |           |
| J. Hamel et frères.....       | Reflector cloth.....  | 3 45       |           |
|                               |   |            | 357 41    |
| <i>Manicouagan Lightship.</i> |   |            |           |
| R. Leblanc.....               | Balance of contract for 1883.....                                 | \$2,150 00 |           |
| do .....                      | Account do 1884.....  | 650 00     |           |
|                               |   | 2,800 00   |           |
| F. Gunn.....                  | Rope, canvas, etc.....  | 83 98      |           |
| Audet & Robitaille.....       | Rope.....   | 32 79      |           |
| Beaudet & Chinic.....         | Iron, screws, paint, etc.....                                     | 13 41      |           |
| W. T. Davie.....              | Towage.....   | 10 00      |           |
| J. Ruel.....                  | Laying-up.....  | 44 40      |           |
| P. Stephens.....              | Watching.....   | 122 00     |           |
| A. W. Glassford.....          | Fire extinguisher.....  | 40 85      |           |
| Renaud & Co.....              | Lantern, chimneys and wicks.....                                  | 8 20       |           |
| S. Bedard.....                | Repairing lamps, etc.....   | 78 00      |           |
| A. Fraser & Co.....           | Freight on chimneys, lantern, etc.....                            | 6 10       |           |
| T. Parent.....                | Water barrel.....   | 3 75       |           |
| G. Lamontagne.....            | Repairing clocks.....   | 3 00       |           |
| W. H. Crawford.....           | Moorage.....  | 7 25       |           |
| G. M. Webster & Co.....       | Cement.....   | 4 00       |           |
| S. Peters.....                | Lumber.....   | 5 13       |           |
| J. Hamel et frères.....       | Reflector cloth.....  | 2 91       |           |
| <i>Fog-Whistle.</i>           |   |            |           |
| G. T. Phillips.....           | Repairs to Whistle.....   | 191 13     |           |
| R. Leblanc.....               | Paid for 96½ cords wood, at \$2.50.....                           | 241 87     |           |
| S. J. Shaw & Co.....          | Tube expander, joints.....  | 129 10     |           |
| J. Ruel.....                  | Outfit to engine.....   | 79 40      |           |
| A. Kerr.....                  | Coaling.....  | 19 50      |           |
| M. A. Dunn.....               | Tallow.....   | 6 50       |           |
| J. Marmen.....                | 1 cord wood.....  | 3 20       |           |
| H. Black.....                 | Castings.....   | 2 00       |           |
| G. Gunn.....                  | 34 tons coal, at \$5.50.....                                      | \$187 88   |           |
| do .....                      | Cartage.....  | 17 00      |           |
|                               |   | 204 00     |           |
|                               |   |            | 4,142 47  |
| <i>Matane.</i>                |   |            |           |
| O. Desjardins.....            | 12 months salary as Light-keeper.....                             | \$246 88   |           |
| do .....                      | do superannuation tax.....  | 3 12       |           |
|                               |   | 250 00     |           |
| do .....                      | Fuel, 1883-84, \$20; house rent, \$15; stove pipes,<br>32 90..... | 37 90      |           |
| P. Jobin.....                 | Removing Lighthouse.....  | 611 93     |           |
| A. Marmen.....                | Travelling expenses.....  | 41 86      |           |
| Beaudet & Chinic.....         | Paint and brush.....  | 11 10      |           |
| N. St. Pierre.....            | Freight on lumber.....  | 19 90      |           |
| J. Hamel et frères.....       | Reflector cloth.....  | 2 37       |           |
| J. A. Pelletier.....          | Line.....   | 1 50       |           |
| Audet & Robitaille.....       | Halyards.....   | 1 80       |           |
|                               |   |            | 978 36    |
| Carried forward.....          |   |            | 49,788 17 |

STATEMENT of Expenditure on account of Maintenance of Lights below Quebec, etc.—Continued.

|                         |  | \$    | cts. | \$     | cts. |
|-------------------------|--|-------|------|--------|------|
| Brought forward .....   |  |       |      | 49,788 | 17   |
| <i>Maquereau Point.</i> |  |       |      |        |      |
| A. Bertrand .....       | 12 months salary as Light-keeper.....                  | \$296 | 24   |        |      |
| do .....                | do superannuation tax.....                             | 3     | 76   |        |      |
|                         |  |       |      | 300    | 00   |
| do .....                | Fuel, 1883-84.....                                     |       |      | 20     | 00   |
| do .....                | Addition to house.....                                 |       |      | 194    | 50   |
| do .....                | Freight and cartage, \$1.50; repairing floor, \$10.... |       |      | 11     | 50   |
| E. Chanteloup.....      | Repairing oil cups.....                                |       |      | 46     | 50   |
| Audet & Rebitaille..... | Canvas, rope, etc.....                                 |       |      | 12     | 00   |
| Beaudet & Chinic.....   | Paint and brushes.....                                 |       |      | 19     | 16   |
| E. Giroux et frère..... | Medicines.....   |       |      | 7      | 50   |
| T. Parent.....          | Water barrels.....                                     |       |      | 8      | 75   |
| J. Hamel et frères..... | Curtains and glass cloth.....                          |       |      | 8      | 77   |
| Renaud & Co.....        | Lamp, chimneys and wick.....                           |       |      | 3      | 80   |
|                         |  |       |      |        |      |
|                         |  |       |      | 632    | 48   |
| <i>Metis.</i>           |  |       |      |        |      |
| J. Martin.....          | 12 months salary as Light-keeper.....                  | \$296 | 24   |        |      |
| do .....                | do superannuation tax.....                             | 3     | 76   |        |      |
|                         |  |       |      | 300    | 00   |
| do .....                | Fuel, 1883-84, \$20; horse keep, \$20.....             |       |      | 40     | 00   |
| do .....                | Repairs to Lighthouse.....                             |       |      | 23     | 60   |
| J. Hamel et frères..... | Curtains and glass cloth.....                          |       |      | 5      | 97   |
| G. M. Webster & Co..... | Cement and bricks.....                                 |       |      | 4      | 37   |
| S. Bedard.....          | Repairing lamps.....                                   |       |      | 7      | 80   |
| J. A. Pelletier.....    | Lime.....  |       |      | 3      | 00   |
| Renaud & Co.....        | Chimneys and wicks.....                                |       |      | 2      | 00   |
| Audet & Robitaille..... | Halyards.....  |       |      | 1      | 75   |
|                         |  |       |      |        |      |
|                         |  |       |      | 388    | 49   |
| <i>Montée du Lac.</i>   |  |       |      |        |      |
| E. Simard .....         | 12 months salary as Light-keeper.....                  | \$395 | 00   |        |      |
| do .....                | do superannuation tax.....                             | 5     | 00   |        |      |
|                         |  |       |      | 400    | 00   |
| do .....                | Fuel, 1883-84.....                                     |       |      | 30     | 00   |
| Beaudet & Chinic.....   | Saw, files, axe handles.....                           |       |      | 4      | 35   |
| J. Hamel et frères..... | Glass cloth.....                                       |       |      | 2      | 37   |
| Renaud & Co.....        | Lamps and chimneys.....                                |       |      | 4      | 35   |
|                         |  |       |      |        |      |
|                         |  |       |      | 441    | 07   |
| <i>Montmagny.</i>       |  |       |      |        |      |
| J. B. Robin.....        | Salary for season 1883-84.....                         |       |      | 50     | 00   |
| Renaud & Co.....        | Lamp and chimneys.....                                 |       |      | 2      | 85   |
| J. Hamel et frères..... | Glass cloth.....                                       |       |      | 0      | 39   |
|                         |  |       |      |        |      |
|                         |  |       |      | 53     | 24   |
| <i>Murray Bay.</i>      |  |       |      |        |      |
| E. Maltais.....         | Salary for season 1883-84.....                         |       |      | 40     | 00   |
| Audet & Robitaille..... | Rope.....  |       |      | 0      | 56   |
| J. Hamel et frères..... | Glass cloth.....                                       |       |      | 0      | 39   |
|                         |  |       |      |        |      |
|                         |  |       |      | 40     | 95   |
| <i>Oak Point.</i>       |  |       |      |        |      |
| M. Geraghty .....       | 12 months salary as Light-keeper.....                  |       |      | 130    | 00   |
| J. Hamel et frères..... | Reflector cloth.....                                   |       |      | 0      | 93   |
|                         |  |       |      |        |      |
|                         |  |       |      | 130    | 93   |
| Carried forward.....    |  |       |      | 51,475 | 33   |



STATEMENT of Expenditure on account of Maintenance of Lights below Quebec, etc.—*Continued.*

|                          |   | \$    | cts.   | \$     | cts. |
|--------------------------|---|-------|--------|--------|------|
| Brought forward .....    |   |       |        | 51,475 | 33   |
| <i>Paspebiac.</i>        |   |       |        |        |      |
| J. Loisel .....          | 12 months salary as Light-keeper.....     | \$148 | 12     |        |      |
| do .....                 | do superannuation tax .....               |       | 1 88   |        |      |
| do .....                 | Fuel, 1883-84 .....                       |       | 150 00 |        |      |
| do .....                 | Blowing fog-horn .....                    |       | 20 00  |        |      |
| J. Hamel et frères ..... | Reflector cloth .....                     |       | 2 37   |        |      |
|                          |   |       |        | 202    | 37   |
| <i>Percé.</i>            |   |       |        |        |      |
| C. Bourget .....         | 12 months salary as Light-keeper.....     | \$159 | 58     |        |      |
| do .....                 | do superannuation tax .....               |       | 0 84   |        |      |
| do .....                 | Fuel, 1883-84 .....                       |       | 160 42 |        |      |
| do .....                 | Blowing fog-horn.....                     |       | 25 00  |        |      |
| do .....                 | Painting and repairs.....                 |       | 40 00  |        |      |
| do .....                 | Postage .....                             |       | 15 30  |        |      |
| J. Hamel et frères.....  | Reflector cloth .....                     |       | 3 05   |        |      |
| Beaudet & Chinic .....   | Zinc and nails.....                       |       | 2 37   |        |      |
|                          |   |       |        | 248    | 74   |
| <i>Pilgrims.</i>         |   |       |        |        |      |
| D. Desjardins .....      | 12 months salary as Light-keeper.....     | \$335 | 76     |        |      |
| do .....                 | do superannuation tax.....                |       | 4 88   |        |      |
| do .....                 | Fuel, 1883-84 .....                       |       | 340 64 |        |      |
| do .....                 | Water, \$20; repairing boat, \$6.96 ..... |       | 48 00  |        |      |
| P. P. Pouliot.....       | Boat .....                                |       | 26 96  |        |      |
| J. Hamel et frères.....  | Reflector cloth .....                     |       | 129 00 |        |      |
|                          |   |       |        | 2      | 37   |
|                          |   |       |        | 546    | 97   |
| <i>Pillars.</i>          |   |       |        |        |      |
| D. Babin .....           | 12 months salary as Light-keeper .....    | \$444 | 40     |        |      |
| do .....                 | do superannuation tax .....               |       | 5 60   |        |      |
| do .....                 | Fuel, 1883-84.....                        |       | 450 00 |        |      |
| do .....                 | Repairing boat.....                       |       | 25 00  |        |      |
| do .....                 | do lighthouse .....                       |       | 28 55  |        |      |
| S. Peters .....          | Lumber .....                              |       | 46 90  |        |      |
| S. Bédard .....          | Stove, chimney top, etc.....              |       | 40 89  |        |      |
| F. Marcoux .....         | Repairing chimney .....                   |       | 33 05  |        |      |
| G. M. Webster & Co.....  | Bricks .....                              |       | 22 50  |        |      |
| C. Vezina .....          | Davits, bolts, etc .....                  |       | 10 75  |        |      |
| Audet & Robitaille.....  | Rope .....                                |       | 18 90  |        |      |
| Beaudet & Chinic .....   | Plates and bolts .....                    |       | 12 13  |        |      |
| Renaud & Co.....         | Water filter.....                         |       | 7 11   |        |      |
| J. Hamel et frères.....  | Reflector cloth .....                     |       | 7 00   |        |      |
| J. A. Pelletier.....     | Lime .....                                |       | 5 25   |        |      |
| G. Lamontagne.....       | Repairing cloth.....                      |       | 3 00   |        |      |
|                          |   |       |        | 1      | 60   |
|                          |   |       |        | 712    | 53   |
| <i>Plateau Rock.</i>     |   |       |        |        |      |
| B. Asselin .....         | 9 months salary as Light-keeper .....     |       | 225 00 |        |      |
| T. D. Bond .....         | 3 do do .....                             |       | 87 50  |        |      |
| B. Asselin.....          | Fuel, 1883-84 .....                       |       | 20 00  |        |      |
| P. Jobin .....           | Erecting lantern.....                     |       | 108 74 |        |      |
| B. Asselin .....         | Trench and repairs .....                  |       | 106 70 |        |      |
| E. Eden .....            | Erecting crane .....                      |       | 67 35  |        |      |
| Carried forward.....     |   |       |        | 615    | 29   |
|                          |   |       |        | 53,185 | 94   |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—Continued.

|                                  |   | \$    | cts. | \$     | cts. |
|----------------------------------|---|-------|------|--------|------|
|                                  | Brought forward .....                     | 615   | 29   | 51,185 | 94   |
| <i>Plateau Rock—Unconcluded.</i> |   |       |      |        |      |
| S. Bédard .....                  | Stove and pipe .....                      | 53    | 00   |        |      |
| E. Chanteloup .....              | Tools, \$48 71; ruby-glass, \$18.38 ..... | 67    | 09   |        |      |
| O. Simard .....                  | Oil-tank .....                            | 45    | 00   |        |      |
| J. B. Duval .....                | Boat .....                                | 42    | 50   |        |      |
| J. Sullivan .....                | Water-tank .....                          | 74    | 70   |        |      |
| T. Routier .....                 | Travelling expenses, inspecting .....     | 33    | 25   |        |      |
| North Shore Railway .....        | Freight on lantern .....                  | 32    | 41   |        |      |
| R. Blakiston .....               | Sails .....                               | 20    | 40   |        |      |
| E. Giroux et frères .....        | Medicines .....                           | 15    | 00   |        |      |
| Beaudet & Chinic .....           | Paint, brushes, zinc, nails, etc. ....    | 15    | 16   |        |      |
| T. Parent .....                  | Water barrels .....                       | 10    | 50   |        |      |
| Audet & Robitaille .....         | Rope and chain .....                      | 9     | 14   |        |      |
| Renaud & Co. ....                | Lamp, chimneys and wicks .....            | 6     | 55   |        |      |
| G. Lamontagne .....              | Clocks .....                              | 6     | 00   |        |      |
| J. Broussau .....                | Ladders .....                             | 3     | 80   |        |      |
| J. Hamel et frères .....         | Glass cloth .....                         | 1     | 80   |        |      |
|                                  |   |       |      | 1,051  | 59   |
| <i>Pointe des Monts.</i>         |   |       |      |        |      |
| L. F. Fafford .....              | 12 months salary as Light-keeper. ....    | \$695 | 00   |        |      |
| do .....                         | do superannuation tax .....               | 5     | 00   |        |      |
| do .....                         | Repairing stable and outbuildings .....   | 700   | 00   |        |      |
| M. Chevalier .....               | Boat .....                                | 63    | 90   |        |      |
| do .....                         | Anchor, ballast .....                     | 150   | 00   |        |      |
| S. Peters .....                  | Lumber .....                              | 25    | 00   |        |      |
| Audet & Robitaille .....         | Flag, rope, etc. ....                     | 132   | 58   |        |      |
| E. Cazeau .....                  | Sleigh and shafts .....                   | 51    | 02   |        |      |
| J. B. Renaud & Co. ....          | Oats, bran and hay .....                  | 22    | 00   |        |      |
| Beaudet & Chinic .....           | Iron, plates and paint .....              | 42    | 84   |        |      |
| L. Leclerc .....                 | Junk and tarred paper .....               | 51    | 33   |        |      |
| J. U. Gregory .....              | Canoe .....                               | 37    | 34   |        |      |
| E. Giroux et frère .....         | Medicines .....                           | 25    | 00   |        |      |
| F. Deroy .....                   | Freight on boat .....                     | 15    | 95   |        |      |
| J. Hamel et frères .....         | Reflector cloth .....                     | 15    | 00   |        |      |
| A. Fraser & Co. ....             | Freight on boards .....                   | 10    | 35   |        |      |
| G. Lamontagne .....              | Clock .....                               | 10    | 15   |        |      |
| S. J. Shaw & Co. ....            | Tools .....                               | 5     | 00   |        |      |
| Fisher & Blouin .....            | Reins and horse blankets .....            | 5     | 60   |        |      |
| T. Parent .....                  | Water barrel .....                        | 13    | 10   |        |      |
| T. Houghton .....                | Horse shoes .....                         | 6     | 25   |        |      |
| J. A. Pelletier .....            | Lime .....                                | 2     | 40   |        |      |
| S. Bedard .....                  | Stove pipes, measure .....                | 3     | 00   |        |      |
| M. Tardiff .....                 | Spars .....                               | 10    | 20   |        |      |
| Renaud & Co. ....                | Lamp and chimneys .....                   | 18    | 00   |        |      |
|                                  |   | 6     | 90   |        |      |
|                                  |   |       |      | 1,422  | 89   |
| <i>Point aux Orignaux.</i>       |   |       |      |        |      |
| J. H. Beaubien .....             | 12 months salary as Light-keeper. ....    | \$246 | 88   |        |      |
| do .....                         | do superannuation tax .....               | 3     | 12   |        |      |
| do .....                         | Fuel, 1883-84 .....                       | 250   | 00   |        |      |
| do .....                         | Painting tower .....                      | 12    | 00   |        |      |
| Audet & Robitaille .....         | Canvas and tacks .....                    | 10    | 00   |        |      |
| A. Marmen .....                  | Travelling expenses .....                 | 9     | 65   |        |      |
| S. Bedard .....                  | Stove pipes .....                         | 7     | 35   |        |      |
| Renaud & Co. ....                | Chimneys and wicks .....                  | 4     | 30   |        |      |
| J. Hamel et frère .....          | Glass cloth .....                         | 2     | 00   |        |      |
| Beaudet & Chinic .....           | Putty .....                               | 1     | 83   |        |      |
|                                  |   | 0     | 92   |        |      |
|                                  |   |       |      | 298    | 05   |
|                                  | Carried forward .....                     |       |      | 55,958 | 47   |

**STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—Continued.**

|                              |   | \$ cts.    | \$ cts.   |
|------------------------------|---|------------|-----------|
|                              | Brought forward .....                                   |            | 55,958 47 |
| <i>Point Rich.</i>           |   |            |           |
| F. Lemieux.....              | 12 months salary as Light-keeper.....                   | \$595 00   |           |
| do .....                     | do superannuation tax.....                              | 5 60       |           |
| do .....                     | Fuel, 1883-84.....                                      | 600 60     |           |
| S. Bedard.....               | Stove, pipe and lamps.....                              | 60 00      |           |
| S. Peters.....               | Lumber.....   | 46 50      |           |
| G. T. Phillips.....          | Metal bolts.....  | 28 00      |           |
| Beaudet & Chinic.....        | Paint, brushes, nails.....                              | 18 70      |           |
| J. Hamel et frères.....      | Curtains and glass cloth.....                           | 11 98      |           |
| G. M. Webster & Co.....      | Cement.....   | 10 31      |           |
| J. A. Pelletier.....         | Lime.....   | 4 75       |           |
| G. Lamontagne.....           | Repairing clock.....                                    | 3 00       |           |
| Audet & Robitaille.....      | Halyards.....   | 1 50       |           |
| Renaud & Co.....             | Lantern.....  | 1 15       |           |
|                              |   | 0 75       | 787 24    |
| <i>Point St. Laurent.</i>    |   |            |           |
| E. Chabot.....               | 12 months salary as Light-keeper.....                   | \$296 24   |           |
| do .....                     | do superannuation tax.....                              | 3 76       |           |
| J. Hamel et frères.....      | Glass cloth.....  | 300 00     |           |
|                              |   | 2 37       | 302 37    |
| <i>Point St. John.</i>       |   |            |           |
| J. Langlois.....             | 12 months salary as Light-keeper.....                   | \$296 24   |           |
| do .....                     | do superannuation tax.....                              | 3 76       |           |
| do .....                     | Fuel, 1883-84, \$16; repairing roof and clock, \$16.70. | 300 00     |           |
| Audet & Robitaille.....      | Canvas and tacks.....                                   | 32 70      |           |
| J. Hamel et frères.....      | Glass cloth.....  | 9 45       |           |
|                              |   | 1 65       | 343 80    |
| <i>Portneuf (B).</i>         |   |            |           |
| D. Tremblay.....             | 12 months salary as Light-keeper.....                   | \$345 60   |           |
| do .....                     | do superannuation tax.....                              | 4 40       |           |
| do .....                     | Fuel, 1883-84, \$30; horse keep, \$12.....              | 350 00     |           |
| do .....                     | Boat, \$180; repairs to boat, \$3.....                  | 42 00      |           |
| Audet & Robitaille.....      | Rope, canvas, etc.....                                  | 183 00     |           |
| S. Peters.....               | Lumber.....   | 84 91      |           |
| E. Giroux et frère.....      | Medicines.....  | 25 51      |           |
| S. Bedard.....               | Chimney top and repairs.....                            | 12 60      |           |
| Beaudet & Chinic.....        | Axe, files and nails.....                               | 11 95      |           |
| J. Hamel et frères.....      | Glass cloth.....  | 6 60       |           |
| W. Barbour.....              | Paid for labour at flagstaff.....                       | 4 77       |           |
| T. Parent.....               | Water barrel.....                                       | 4 00       |           |
| Renaud & Co.....             | Chimneys.....   | 3 50       |           |
|                              |   | 1 80       | 730 04    |
| <i>Red Island Lightship.</i> |   |            |           |
| L. T. Delisle.....           | Balance, contract 1883.....                             | \$1,900 00 |           |
| do .....                     | Account do 1884.....                                    | 500 00     |           |
| do .....                     | Repairs, freight and cartage.....                       | 2,400 00   |           |
| Beaudet & Chinic.....        | Paint, brushes, etc.....                                | 12 62      |           |
| Audet & Robitaille.....      | Flag, bunting, rope and canvas.....                     | 17 21      |           |
| G. T. Davie.....             | Towage.....   | 85 54      |           |
|                              |   | 10 00      |           |
|                              | Carried forward.....                                    | 2,625 37   | 58,121 92 |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—Continued.

|  |  | \$ cts.  | \$ cts.   |
|--|--|----------|-----------|
|  | Brought forward .....                  | 2,525 37 | 58,121 92 |
| <i>Red Island Lightship—Concluded.</i> |  |          |           |
| L. H. Martin .....                     | Patent anchor .....                    | 355 70   |           |
| F. Gunn .....                          | Rope, canvas, etc. ....                | 209 54   |           |
| L. Couture .....                       | Laying up and outfitting .....         | 82 90    |           |
| S. Bédard .....                        | Repairing lamps .....                  | 18 85    |           |
| J. Mullins .....                       | Watching .....                         | 91 00    |           |
| Renaud & Co. ....                      | Chimneys and wicks .....               | 10 45    |           |
| A. McCallum .....                      | Signal book and clock .....            | 9 00     |           |
| J. Hamel et frères .....               | Glass cloth .....                      | 2 91     |           |
| W. H. Crawford & Co. ...               | Moorage .....                          | 4 50     |           |
| <i>Fog-Whistle.</i>                    |  |          |           |
| G. T. Phillips .....                   | Valves, flanges and pipes .....        | 159 48   |           |
| S. J. Shaw & Co. ....                  | do rubber and iron .....               | 120 23   |           |
| W. H. Crawford & Co. ....              | 22 chaldron coal, at \$7 .....         | 154 00   |           |
| T. P. Pelletier .....                  | 83½ cords wood, at \$2.75 .....        | 229 87   |           |
| Beaudet & Chinic .....                 | Bar iron, tools, etc .....             | 37 04    |           |
| C. Vézina .....                        | Tools .....                            | 37 60    |           |
| do .....                               | Repairing boiler .....                 | 42 80    |           |
| L. Couture .....                       | Outfit to engine .....                 | 43 40    |           |
| J. Marmen .....                        | 2 cords wood, at \$3.20 .....          | 6 40     |           |
| J. Heydn .....                         | Coaling .....                          | 24 00    |           |
| M. A. Dunn .....                       | Tallow .....                           | 6 50     |           |
|  |  |          | 4,171 54  |
| <i>Rivière du Loup</i>                 |  |          |           |
| L. T. Puize .....                      | Salary for season 1883-84 .....        | 60 00    |           |
| Elz. Marquis .....                     | Repairing tower .....                  | 9 50     |           |
| Beaudet & Chinic .....                 | iron .....                             | 3 38     |           |
| J. Hamel et frères .....               | Glass cloth .....                      | 0 47     |           |
|  |  |          | 73 35     |
| <i>Red Island Lighthouse.</i>          |  |          |           |
| Elzear Fraser .....                    | 12 months salary as Light-keeper ..... | \$653 72 |           |
| do .....                               | do superannuation tax .....            | 6 28     |           |
| do .....                               | Repairs to boat .....                  | 660 00   |           |
| S. Peters .....                        | Lumber .....                           | 30 00    |           |
| S. Bédard .....                        | Repairs, chimney-top, etc .....        | 131 46   |           |
| W. Fricault .....                      | Repairs to tower .....                 | 40 15    |           |
| Audet & Robitaille .....               | Repairs to tower .....                 | 25 00    |           |
| T. Routier .....                       | Chain, rope, blocks, etc .....         | 31 55    |           |
| G. M. Webster & Co. ....               | Iron-work .....                        | 33 45    |           |
| E. Chanteloup .....                    | Bricks and cement .....                | 18 75    |           |
| J. Hamel et frères .....               | Ruby glass .....                       | 12 00    |           |
| Renaud & Co. ....                      | Glass cloth .....                      | 11 07    |           |
| W. M. McDonald .....                   | Lamps, chimneys and burners .....      | 13 80    |           |
| H. C. Bertrand & Co. ....              | Wall paper .....                       | 4 20     |           |
| J. A. Pelletier .....                  | Rowlocks, etc. ....                    | 3 05     |           |
|  | Lime .....                             | 3 00     |           |
|  |  |          | 1,017 48  |
| <i>St. Alphonse.</i>                   |  |          |           |
| C. Gagné .....                         | 12 months salary as Light-keeper ..... | 40 00    |           |
| S. Bédard .....                        | Lamps .....                            | 13 80    |           |
| C. Gagne .....                         | Repairs .....                          | 4 95     |           |
|  |  |          | 58 75     |
|  | Carried forward .....                  |          | 63,442 94 |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—*Continued.*

|                           |   | \$      | cts.  | \$     | cts. |
|---------------------------|---|---------|-------|--------|------|
| Brought forward.....      |   |         |       | 63,442 | 94   |
| <i>St. Francis Range.</i> |   |         |       |        |      |
| J. Lepage .....           | 12 months salary as Light-keeper .....                    |         | 75 00 |        |      |
| J. Marceau .....          | 12 do do .....  |         | 75 00 |        |      |
| do .....                  | Fuel, 1883-84 .....                                       |         | 12 00 |        |      |
| J. Lepage .....           | do .....  |         | 12 00 |        |      |
| do .....                  | Lantern, freight, etc. ....                               |         | 5 55  |        |      |
| Beaudet & Chinic .....    | Zinc, nails, etc .....                                    |         | 6 86  |        |      |
| Audet & Robitaille.....   | Halyards .....  |         | 4 50  |        |      |
| J. Hamel et frère.....    | Reflector cloth .....                                     |         | 0 88  |        |      |
|                           |   |         |       | 191    | 73   |
| <i>Seven Islands.</i>     |   |         |       |        |      |
| F. Arcand .....           | 12 months salary as Light-keeper.....                     | \$495   | 00    |        |      |
| do .....                  | do superannuation tax.....                                | 5       | 00    |        |      |
| do .....                  |   |         | 500   | 00     |      |
|                           | Fuel, 1883-84, \$30; road, \$15; repairs to boat, \$33.25 |         | 78    | 25     |      |
| Beaudet & Chinic .....    | Paint, brushes, zinc, nails, etc.....                     |         | 12    | 07     |      |
| G. M. Webster & Co .....  | Cement .....  |         | 4     | 50     |      |
| S. Peters .....           | Shingles.....   |         | 9     | 00     |      |
| Audet & Robitaille .....  | Pulleys, rope, etc .....                                  |         | 4     | 10     |      |
| J. Hamel et frères.....   | Glass cloth .....   |         | 3     | 09     |      |
| S. Bédard.....            | Stove pipes.....  |         | 2     | 10     |      |
| Renaud et Cie .....       | Lamp and chimneys.....                                    |         | 1     | 50     |      |
| J. A. Pelletier .....     | Lime.....   |         | 1     | 50     |      |
|                           |   |         |       | 616    | 14   |
| <i>Upper Traverse.</i>    |   |         |       |        |      |
| E. Pelletier.....         | Balance, contract 1883.....                               | \$1,200 | 00    |        |      |
| do .....                  | Account do 1884.....                                      | 300     | 00    |        |      |
| do .....                  |   |         | 1,500 | 00     |      |
| do .....                  | Paid for caulking, &c .....                               |         | 98    | 09     |      |
| do .....                  | do assistance.....  |         | 80    | 00     |      |
| R. Leblanc .....          | Services, 10 days .....                                   |         | 96    | 30     |      |
| G. T. Davie.....          | Wintering in dock .....                                   |         | 200   | 00     |      |
| do .....                  | Wood and iron repairs .....                               |         | 833   | 54     |      |
| do .....                  | Scraping and painting .....                               |         | 18    | 00     |      |
| F. Gunn.....              | Rope and canvas. ....                                     |         | 50    | 11     |      |
| Beaudet & Chinic.....     | Bar iron, tools, etc.....                                 |         | 18    | 23     |      |
| Audet & Robitaille.....   | Wire rope, canvas, etc.....                               |         | 39    | 88     |      |
| A. Charrier .....         | Watching.....   |         | 20    | 00     |      |
| S. Bédard .....           | Stove.....  |         | 16    | 09     |      |
| H. Dinning & Co .....     | Water tank.....   |         | 10    | 00     |      |
| Renaud & Co .....         | Burners and chimneys.. ..                                 |         | 6     | 30     |      |
| T. Parent.....            | Water barrel .....  |         | 2     | 50     |      |
| A. McCallum .....         | Repairing compass.....                                    |         | 1     | 50     |      |
| E. Giroux et frère .....  | Medicines.....  |         | 1     | 50     |      |
| G. Lamontagne.....        | Repairing clock .....                                     |         | 1     | 50     |      |
| J. Hamel et frères.....   | Reflector cloth .....                                     |         | 1     | 47     |      |
|                           |   |         |       | 2,994  | 92   |
| <i>Contingencies.</i>     |   |         |       |        |      |
| J. U. Gregory.....        | 12 months salary as Agent.....                            | \$1,960 | 00    |        |      |
| do .....                  | do superannuation tax.....                                | 40      | 00    |        |      |
|                           |   |         |       | 2,000  | 00   |
| L. A. Blanchet.....       | do salary as Accountant.....                              | 980     | 00    |        |      |
| do .....                  | do superannuation tax.....                                | 20      | 00    |        |      |
|                           |   |         |       | 1,000  | 00   |
| E. E. Buteau.....         | do salary as Clerk.....                                   | 882     | 00    |        |      |
| do .....                  | do superannuation tax.....                                | 18      | 00    |        |      |
|                           |   |         |       | 900    | 00   |
| Carried forward .....     |   |         | 3,900 | 00     |      |
|                           |   |         |       | 67,245 | 80   |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—Continued.

|                                       |  | \$ cts.  | \$ cts.   |
|---------------------------------------|--|----------|-----------|
|                                       | Brought forward.....                                 | 3,900 00 | 67,245 80 |
| <i>Contingencies.—Concluded.</i>      |  |          |           |
| W. Barbour.....                       | 12 months salary as Superintendent of<br>Lights..... | 1,176 00 |           |
| do .....                              | do superannuation tax .....                          | 24 00    |           |
|                                       |  | 1,200 00 |           |
| L. A. Blanchet.....                   | do petty cash expenditure.....                       | 894 00   |           |
| A. G. Tourangeau.....                 | Postage.....   | 212 29   |           |
| Bell Telephone Co.....                | Rent of telephone.....                               | 195 00   |           |
| Mrs. Maybury.....                     | Washing offices.....                                 | 5 25     |           |
| British American Bank<br>Note Co..... | Cheque books .....                                   | 43 50    |           |
| Dawson & Co.....                      | Binding.....   | 9 05     |           |
| City Corporation.....                 | Water taxes.....                                     | 22 00    |           |
| J. Hamel et frères.....               | Towels, cloth for desks .....                        | 11 94    |           |
| L. Arel.....                          | Ice.....   | 10 00    |           |
| J. J. Foote.....                      | Subscription to "Chronicle".....                     | 6 00     |           |
| O. Simard.....                        | Putting up stoves.....                               | 6 85     |           |
| J. Delage.....                        | Sawing wood.....                                     | 15 00    |           |
| J. Battle.....                        | Watching premises.....                               | 31 00    |           |
| J. Marmen.....                        | 15 cords maple, \$4.50.....                          | 67 50    |           |
| C. E. Holliwell.....                  | Binding reports.....                                 | 6 80     |           |
| L. Forgues.....                       | 4 cords wood, \$3.20.....                            | 14 80    |           |
| L. Marceau.....                       | Sawing wood.....                                     | 16 00    |           |
| S. B. Foote.....                      | Subscription to "Shareholder".....                   | 4 00     |           |
| J. P. Dery.....                       | Stationery.....                                      | 28 75    |           |
|                                       |  |          | 6,609 73  |
| <i>Buoys and Beacons.</i>             |  |          |           |
| T. Parent.....                        | New buoys.....                                       | 750 00   |           |
| do .....                              | Repairing buoys.....                                 | 996 35   |           |
| C. Vezina.....                        | Moving buoys, chains.....                            | 740 27   |           |
| Beaudet & Chinic.....                 | Iron for chains.....                                 | 197 13   |           |
| H. Black.....                         | Sinkers.....   | 408 60   |           |
| W. Barbour.....                       | Travelling expenses .....                            | 150 00   |           |
| Audet & Robitaille.....               | Chain .....  | 6 85     |           |
| O. Pelletier.....                     | Cartage .....  | 16 50    |           |
| Anger & Martineau.....                | Paint.....   | 8 00     |           |
| S. Peters.....                        | Lumber.....  | 27 50    |           |
| S. J. Shaw & Co.....                  | Paint and brushes.....                               | 19 20    |           |
| O. Simard.....                        | Paint brushes .....                                  | 6 15     |           |
| A. Marmen.....                        | Travelling expenses .....                            | 13 80    |           |
| P. Connolly.....                      | Clearing snow .....                                  | 18 00    |           |
| P. Waite.....                         | Scraping and washing .....                           | 21 50    |           |
| A. Marmen.....                        | Placing buoy .....                                   | 20 50    |           |
| P. D. Rouleau.....                    | do Cock Point.....                                   | 28 73    |           |
| Intercolonial Railway.....            | do do .....  | 12 00    |           |
| Elm. Landry.....                      | do Carleton Point .....                              | 30 00    |           |
| D. F. de St. Aubin.....               | do Matane.....                                       | 67 00    |           |
| J. Mercier.....                       | do Rivière Ouelle.....                               | 6 00     |           |
| J. Eden.....                          | do Gaspé .....                                       | 49 50    |           |
| J. Cassidy.....                       | do Amherst Island .....                              | 25 00    |           |
| X. Cauchon.....                       | do North Channel.....                                | 68 00    |           |
| H. Leblanc.....                       | do New Richmond.....                                 | 32 22    |           |
| E. Maltais.....                       | do Murray Bay.....                                   | 18 00    |           |
| Lebouthillier & Co.....               | do Percé .....                                       | 16 00    |           |
| L. H. Lachance.....                   | do .....   | 200 00   |           |
| J. Parent.....                        | Labor.....   | 47 00    |           |
| E. Patterson.....                     | do .....   | 9 00     |           |
| E. Samson.....                        | do .....   | 3 00     |           |
| E. Lebel.....                         | Salvage .....  | 10 00    |           |
| P. St. Pierre.....                    | do .....   | 10 00    |           |
|                                       | Carried forward.....                                 | 4,031 80 | 73,855 53 |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—*Continued.*

|                                      |  | \$ cts.    | \$ cts.   |
|--------------------------------------|--|------------|-----------|
|                                      | Brought forward.....                                 | 4,031 80   | 73,855 53 |
| <i>Buoys and Beacons.—Concluded.</i> |  |            |           |
| Elz. Lavoie.....                     | do .....   | 15 00      |           |
| T. Raymond.....                      | do .....   | 10 00      |           |
| M. Abel.....                         | do .....   | 12 00      |           |
| S. Veit.....                         | Erecting beacon.....                                 | 70 75      | 4,139 55  |
| <i>General Account.</i>              |  |            |           |
| T. Routier.....                      | Carpenters, blacksmiths and joiners repairs.....     | 1,707 65   |           |
| J. Marmen.....                       | Cartage of supplies.....                             | 618 61     |           |
| J. G. Bruneau.....                   | Salary as clerk in office.....                       | 823 50     |           |
| G. D. O'Farrell.....                 | do .....   | 640 50     |           |
| G.N.W. Telegraph Co.....             | Messages.....  | 452 06     |           |
| J. Hamel et frères.....              | Flannel, chamois, etc.....                           | 2,356 46   |           |
| Queen's Wharf.....                   | Storage of oil.....                                  | 369 78     |           |
| J. Eden.....                         | 15 months salary as Agent at Gaspé, from April, '83. | 125 00     |           |
| Beaudet & Chinic.....                | Paints, screws, nails, etc.....                      | 512 17     |           |
| G. T. Phillips.....                  | Laying pipes, etc.....                               | 118 08     |           |
| Audet & Robitaille.....              | Rope, blocks, canvass.....                           | 136 46     |           |
| O. Simard.....                       | Tanks, canisters, etc.....                           | 188 25     |           |
| G. Glassford.....                    | Pumps, charges, stocks and dies, etc.....            | 525 45     |           |
| Imperial Oil Co.....                 | 19,590 '52 galls. petroleum at 25.....               | 4,897 63   |           |
| Auger & Martineau.....               | Spikes, paint, etc.....                              | 121 79     |           |
| Felthousen & Russell.....            | Line.....  | 54 65      |           |
| S. Peters.....                       | Lumber.....  | 736 91     |           |
| E. Chanteloup.....                   | Wire rope.....                                       | 130 35     |           |
| E. Giroux.....                       | Medicine.....  | 17 35      |           |
| A. E. Vallerand.....                 | Scissors.....  | 25 00      |           |
| J. A. Langlais.....                  | Books.....   | 57 00      |           |
| J. P. Dery.....                      | Stationery.....                                      | 312 44     |           |
| Dawson & Co.....                     | do .....   | 32 60      |           |
| T. Parent.....                       | Cooperage.....                                       | 189 83     |           |
| F. Gunn.....                         | Canvas.....  | 22 96      |           |
| E. Bégin.....                        | Canoe.....   | 80 00      |           |
| S. J. Shaw & Co.....                 | Tube expanders, rubber, etc.....                     | 182 37     |           |
| Renaud & Co.....                     | Lamps, chimneys and wicks.....                       | 40 85      |           |
| S. Bédard.....                       | Buckets, pipes and repairs.....                      | 331 57     |           |
| J. Battle.....                       | Watching premises.....                               | 91 00      |           |
| J. Dunn.....                         | Soap.....  | 258 00     |           |
| A. J. Turcotte.....                  | Brooms, brushes, cotton waste.....                   | 390 75     |           |
| Hy. Dinning & Co.....                | Water tanks.....                                     | 43 54      |           |
| J. Desjardins.....                   | Lumber.....  | 443 13     |           |
| F. O. Vallerand.....                 | Lanterns and chimneys.....                           | 69 60      |           |
| A. Marmen.....                       | Services.....  | 180 00     |           |
| A. R. Pruneau.....                   | 14 chaldrons coal, at \$9.....                       | 126 00     |           |
| W. Stephenson.....                   | Kiadling wood.....                                   | 48 00      |           |
| W. Barbour.....                      | Cartage and landing stores.....                      | 153 30     |           |
| do .....                             | Allowance for board.....                             | 100 00     |           |
| Beaudet & Chinic.....                | 10,000 lbs. powder, at 22c.....                      | \$2,200 00 |           |
| do .....                             | Crossing, \$20; cartage, \$10.....                   | 30 00      |           |
| do .....                             | Storage, \$40; blankets, \$5.....                    | 45 00      |           |
|                                      |  | 2,275 00   |           |
| R. Borland & Co.....                 | 1 chaldron coal and cartage.....                     | 10 00      |           |
| G. M. Webster & Co.....              | 3½ chaldrons coal, \$8.....                          | \$28 00    |           |
| do .....                             | 2'375 tons coal, \$8; weighing, \$17.58.....         | 17 73      |           |
|                                      |  | 45 73      |           |
| E. Desgagne.....                     | Chimney cleaners.....                                | 18 00      |           |
| Mrs. J. Morin.....                   | do .....   | 36 00      |           |
| W. C. Seaton.....                    | Wick trimmers.....                                   | 40 00      |           |
| J. Carroll.....                      | Advertising.....                                     | 50 00      |           |
|                                      | Carried forward.....                                 | 20,176 32  | 77,995 08 |

STATEMENT of Expenditure on account of Maintenance of Lights below  
Quebec, etc.—*Concluded.*

|                                       |  | \$     | cts. | \$      | cts. |
|---------------------------------------|--|--------|------|---------|------|
|                                       | Brought forward.....                     | 20,176 | 32   | 77,995  | 08   |
| <i>General Lighthouse.—Concluded.</i> |  |        |      |         |      |
| J. Marmen.....                        | 11 cords wood, at \$4.50.....            | \$49   | 50   |         |      |
| do .....                              | 3 do at \$3.90.....                      | 11     | 70   |         |      |
|                                       |  |        | 61   | 20      |      |
| J. Eden.....                          | Coal yard rent.....                      | 100    | 00   |         |      |
| do .....                              | Postage and telegrams.....               | 16     | 21   |         |      |
| do .....                              | Salvage of scow.....                     | 8      | 75   |         |      |
| Hy. Black.....                        | Castings.....                            | 28     | 80   |         |      |
| T. Berrigan.....                      | Clearing snow.....                       | 35     | 00   |         |      |
| P. Martin.....                        | Storage of oil.....                      | 33     | 75   |         |      |
| J. Bernier.....                       | Repairs to ceiling.....                  | 13     | 00   |         |      |
| A. W. Lang.....                       | Flag.....                                | 8      | 55   |         |      |
| Richelieu Co.....                     | Freight of supplies.....                 | 8      | 77   |         |      |
| A. Cherrier.....                      | Directory.....                           | 4      | 00   |         |      |
| J. Joseph.....                        | Paint.....                               | 5      | 10   |         |      |
| I. Dussault.....                      | Repairing canoe.....                     | 6      | 70   |         |      |
| T. Desroches.....                     | do .....                                 | 20     | 00   |         |      |
| R. I. Chamard.....                    | do .....                                 | 20     | 00   |         |      |
| D. Damour.....                        | do .....                                 | 2      | 20   |         |      |
| E. Mathurin.....                      | Labor.....                               | 6      | 50   |         |      |
| M. Fitzhenry.....                     | Bags for powder.....                     | 225    | 00   |         |      |
| do .....                              | Mending bags.....                        | 3      | 00   |         |      |
| H. S. King & Co.....                  | Subscription to Nautical "Magazine"..... | 7      | 41   |         |      |
| S. Trout.....                         | do "Monetary Times".....                 | 4      | 00   |         |      |
| L. J. Demers.....                     | do "Le Canadien".....                    | 5      | 00   |         |      |
| J. J. Foote.....                      | do "Chronicle".....                      | 6      | 00   |         |      |
| J. Delage.....                        | Sawing wood.....                         | 13     | 00   |         |      |
| A. Fraser & Co.....                   | Freight.....                             | 1      | 65   |         |      |
| P. Bedigaré.....                      | Keys and locks, repaired.....            | 6      | 65   |         |      |
| L. Guerard.....                       | Repairing tables.....                    | 2      | 10   |         |      |
| J. Verret.....                        | Ladders, brooms and knees.....           | 23     | 60   |         |      |
| J. Rolph.....                         | Paid for labour landing stores.....      | 99     | 30   |         |      |
| R. Patterson.....                     | Labor.....                               | 7      | 50   |         |      |
| L. Marois.....                        | Baskets.....                             | 2      | 60   |         |      |
| A. J. Turcotte.....                   | 139½ galls. turpentine, \$1.....         | \$139  | 66   |         |      |
| do .....                              | Cartage.....                             | 0      | 30   |         |      |
|                                       |  |        | 139  | 96      |      |
| S. Veit.....                          | Freight on 92 tons coal, \$1.50.....     | 138    | 00   |         |      |
| J. Dutel.....                         | Paddles.....                             | 6      | 00   |         |      |
| G. Gastanguay.....                    | Empty bags.....                          | 7      | 70   |         |      |
| J. Couturier.....                     | Labor at coal oil.....                   | 28     | 75   |         |      |
| L. Laforce.....                       | do .....                                 | 6      | 00   |         |      |
| G. Lamontagne.....                    | Repairing clocks.....                    | 3      | 00   |         |      |
| J. Ryan.....                          | Labor.....                               | 3      | 50   |         |      |
| Bureau & Demers.....                  | Repairing bellows.....                   | 4      | 00   |         |      |
| Canadian Express.....                 | Freight of supplies.....                 | 13     | 70   |         |      |
| A. Marmen.....                        | Travelling expenses.....                 | 4      | 50   |         |      |
| H.M. Paymaster-General.               | 50,000 friction tubes, £376 4s. 2d.....  | 1,830  | 88   |         |      |
|                                       |  |        |      | 23,147  | 65½  |
| Queen's Printer.....                  | Printing, stationery, etc.....           |        |      | 101,142 | 73   |
|                                       |  |        |      | 159     | 62   |
|                                       | Total.....                               |        |      | 101,302 | 35   |

WM. SMITH,

Deputy Minister of Marine and Fisheries.

F. GOURDEAU,  
Acting Accountant.



## APPENDIX No. 4.

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure in connection with the Maintenance of Light-houses, Steam Fog-Whistles, etc., in Nova Scotia, for the Fiscal Year ended 30th June, 1884.

| GENERAL ACCOUNT.           |   | \$ cts   | \$ cts. |
|----------------------------|---|----------|---------|
| E. Chanteloup.....         | Burners and wicks .....   | 338 25   |         |
| Lordly & Stimpson.....     | Brooms and buckets .....  | 137 50   |         |
| J. Overy .....             | Truckage of supplies.....   | 100 51   |         |
| George C. Morton.....      | Postage stamps .....  | 304 00   |         |
| A. & W. Mackinlay.....     | Stationery .....  | 80 14    |         |
| City of Halifax .....      | Repairing fire plug .....   | 12 88    |         |
| Starr Manufacturing Co..   | Repairing reflectors, etc.....  | 84 12    |         |
| Imperial Paint Co .....    | Roofing paint .....   | 22 50    |         |
| J. Hogan & Sons.....       | Lumber .....  | 130 94   |         |
| Fishwick's Express .....   | Freight supplies.....   | 101 07   |         |
| Intercolonial Railway..... | do .....  | 56 58    |         |
| Sarah Dempsey.....         | Rent of life-boat house, Herring Cove, 2 years to<br>17th June, 1884..... | 50 00    |         |
| Michael Walsh .....        | Travelling expenses .....   | 44 00    |         |
| Thomas Ead.....            | Labor on coal .....   | 5 10     |         |
| Bell Telephone Co .....    | Rents .....   | 90 00    |         |
| W. M. Smith .....          | Examining boilers .....   | 10 00    |         |
| H. Haverstock .....        | Boxes .....   | 106 20   |         |
| R. A. Guildford.....       | Freight supplies.....   | 39 90    |         |
| Albert Graves.....         | Casks, kegs coopering .....   | 318 35   |         |
| J. J. Robertson .....      | Survey and plans of land .....  | 29 00    |         |
| Blowers & Archibald.....   | Steel hawser .....  | 60 00    |         |
| Smith Bros .....           | Charter of schooner "Lairg".....  | 1,500 00 |         |
| T. Forrest.....            | Wharfage and storage of lumber.....                                       | 6 90     |         |
| Joseph Cashin.....         | Straw.....  | 4 13     |         |
| John White.....            | Stovepipe .....   | 6 00     |         |
| J. C. Butler .....         | Flagstaff for store .....   | 3 90     |         |
| J. A. Matheson .....       | Lamp wick .....   | 1 47     |         |
| J. Fleming & Co. ....      | Handpryers .....  | 12 00    |         |
| Conlon Bros.....           | Hack hire.....  | 25 25    |         |
| Wm. Routledge.....         | Survey of land at Grand Narrows, C.B.....                                 | 19 00    |         |
| J. E. M. Taylor.....       | Plate glass .....   | 55 20    |         |
| Dufus & Co.....            | Coal bags .....   | 65 20    |         |
| W. C. Nacnab.....          | Plans of land at Boularderie, C.B.....                                    | 7 00     |         |
| S. Cunard & Co.....        | Coals for blacksmith shop.....  | 47 25    |         |
| W. R. Cutler .....         | Deeds and registry fees, lands for pole lights.....                       | 71 40    |         |
| Macdonald & Co.....        | Repairing Lighthouse machinery, clocks, etc.....                          | 593 64   |         |
| Jacob Bowser.....          | Travelling expenses .....   | 43 45    |         |
| J. F. Phelan.....          | Freight on lanterns.....  | 6 90     |         |
| C. E. Fairbanks.....       | Copying plans .....   | 24 70    |         |
| J. D. McDougall .....      | Stencil plates .....  | 5 05     |         |
| J. R. Gordon .....         | Alcohol .....   | 37 50    |         |
| R. H. Cogswell .....       | Hoisting time ball, rating chronometer .....                              | 103 00   |         |
| Olfifton Manufactur'g Co.  | Wick trimmers .....   | 30 00    |         |
| Halifax Carpet Co.....     | Mat and matting .....   | 6 34     |         |
| Thomas Doyle.....          | Casks.....  | 68 25    |         |
| Theakston & Angwin....     | Nails, glass, hardware, etc.....  | 378 59   |         |
| J. R. Bent .....           | 5 gallons porpoise oil, at \$1.50; tin, 75c.....                          | 8 40     |         |
| T. Forhan & Co.....        | Repairing flags.....  | 4 50     |         |
| J. E. Butler .....         | Oars for life boats.....  | 48 88    |         |
| W. G. Jean .....           | Recording deeds .....   | 3 50     |         |
| Cunningham & Curren...     | Wharfage shipping .....   | 4 10     |         |
| Geo. C. Smith & Co .....   | Turpentine, nails, brushes, etc.....                                      | 1,607 45 |         |
| J. K. Christie .....       | Blacksmith's wages.....   | 704 25   |         |
| Carried forward.....       |   | 7,624 24 |         |

STATEMENT of Expenditure in connection with the Maintenance of Light-Houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

|                                       |  | \$ cts     | \$ cts. |
|---------------------------------------|--|------------|---------|
|                                       | Brought forward.....                                 | 7,624 24   | .....   |
| <b>GENERAL ACCOUNT—Continued.</b>     |  |            |         |
| Malcom McNeil,.....                   | Blacksmith's wages.....                              | 381 88     |         |
| John Cawsey .....                     | Altering forge.....                                  | 3 10       |         |
| J. P. Mott & Co .....                 | Soap, tallow, lime.....                              | 1,390 80   |         |
| Burns & Murray .....                  | Cotton, flannel, etc.....                            | 576 04     |         |
| Nova Scotia Glass Co.....             | Chimneys.....  | 1,732 12   |         |
| Union Glass Co .....                  | do .....   | 207 00     |         |
| Chas. Neal .....                      | Labor, truckages, freights .....                     | 1,355 33   |         |
| James Simmonds' .....                 | Tinware .....  | 282 90     |         |
| John White .....                      | do repairing oil tanks.....                          | 97 85      |         |
| Alpin Grant.....                      | Rent of wharf and stores for 1 year.....             | 1,500 00   |         |
| Imperial Oil Co.....                  | 51,266-58 gallons oil, at 26c.....                   | 13,329 32  |         |
| do .....                              | 16,437-51 do 22½c.....                               | 3,698 44   |         |
| D. McPherson .....                    | Storing and delivering oil .....                     | 347 70     |         |
| John Findlay .....                    | Building and repairing boats.....                    | 317 00     |         |
| W. F. Morgan .....                    | Annual register .....                                | 3 00       |         |
| H. W. Johnston .....                  | 12 months salary as Agent .....                      | \$1,960 00 |         |
| Receiver-General .....                | do superannuation tax.....                           | 40 00      |         |
|                                       |  | 2,000 00   |         |
| Henry Dolby .....                     | do salary as Clerk.....                              | \$1,078 00 |         |
| Receiver-General .....                | do superannuation tax.....                           | 22 00      |         |
|                                       |  | 1,100 00   |         |
| W. J. Ouldfield .....                 | Salary as Messenger.....                             | 305 00     |         |
| P. Ouldfield .....                    | Cleaning offices and washing towels.....             | 103 80     |         |
| D. McAlpine & Co.....                 | City directories .....                               | 5 50       |         |
| W. & J. Glendenning.....              | Ice for offices .....                                | 4 00       |         |
| Toronto "Mail" .....                  | Subscription for 1 year.....                         | 7 00       |         |
| British America Bank<br>Note Co ..... | Cheque books .....                                   | 33 75      |         |
| Creighton & Marshall .....            | Letter books, binding reports, etc.....              | 24 91      |         |
| Geo. Rent .....                       | Box for papers.....                                  | 1 50       |         |
| Gordon & Keith .....                  | Repairing office furniture, chairs.....              | 32 50      |         |
| Western Union Telegraph<br>Co.....    | Telegrams .....                                      | 354 29     |         |
| St. John "Daily News" .....           | Advertising .....                                    | 5 25       |         |
| C. Annand.....                        | do in "Chronicle".....                               | 30 72      |         |
| do .....                              | Subscription to "Chronicle" and "Citizen".....       | 10 00      |         |
| "Herald" Printing Co... ..            | Advertising .....                                    | 121 30     |         |
| do .....                              | Blank books, returns, etc .....                      | 253 50     |         |
| do .....                              | Subscription to "Herald" and "Mail" for 2 years..... | 24 00      |         |
| Liverpool "Times" .....               | Advertising .....                                    | 2 80       |         |
| "Advocate" Publishing<br>Co .....     | do .....   | 2 24       |         |
| "Watchman" .....                      | do .....   | 2 24       |         |
| "Western Chronicle" .....             | do .....   | 5 68       |         |
| "Presbyterian Witness" .....          | do .....   | 2 24       |         |
| Antigonish "Casket" .....             | do .....   | 5 68       |         |
| Digby Publishing Co... ..             | do .....   | 2 24       |         |
| Post Office .....                     | Rent of box .....                                    | 4 00       |         |
| "Trades Journal" .....                | Advertising .....                                    | 3 00       |         |
| Colchester "Sun" .....                | do .....   | 5 68       |         |
| "Weekly Monitor" .....                | do .....   | 2 24       |         |
| St. John "Sun" .....                  | do .....   | 26 80      |         |
| Windsor "Mail" .....                  | do .....   | 2 24       |         |
| "Standard" Publishing<br>Co .....     | do .....   | 2 80       |         |
| "New Era" .....                       | do .....   | 7 10       |         |
| C. M. Creed .....                     | Subscription to reading room .....                   | 6 00       |         |
| H. S. King & Co.....                  | Nautical Magazine.....                               | 3 65       |         |
| Yarmouth "Times" .....                | Subscription and advertising.....                    | 5 80       |         |
| North Sydney "Herald" .....           | Advertising .....                                    | 2 80       |         |
| "Provincial Wesleyan" .....           | do .....   | 2 24       |         |
|                                       | Carried forward .....                                | 37,470 94  | .....   |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—Continued.

|                                   |   | \$     | cts. | \$     | cts. |
|-----------------------------------|---|--------|------|--------|------|
|                                   | Brought forward .....                     | 37,470 | 94   |        |      |
| <b>GENERAL ACCOUNT—Concluded.</b> |   |        |      |        |      |
| Edward Burnett .....              | Labor and watching.....                   | 517    | 50   |        |      |
| James Major.....                  | do .....                                  | 397    | 00   |        |      |
| Henry Metzler .....               | Labor at wharf.....                       | 18     | 00   |        |      |
|                                   |   |        |      | 38,403 | 41   |
| <b>FOG-WHISTLES.</b>              |   |        |      |        |      |
| <i>Brier Island.</i>              |   |        |      |        |      |
| A. W. Suthern.....                | Hauling water .....                       | 3      | 75   |        |      |
| Chas. Pugh.....                   | do .....                                  | 12     | 00   |        |      |
| Burrill, Johnson & Co...          | Repairing steam pump.....                 | 80     | 23   |        |      |
| James Morrill.....                | Teaming supplies.....                     | 7      | 50   |        |      |
| Joggins Coal Co.....              | 131 tons coal, at \$2.40 .....            | 314    | 40   |        |      |
| P. S. Blake.....                  | Freight do 2.50 .....                     | 327    | 50   |        |      |
| E. Porter, and others.....        | Teaming coal.....                         | 183    | 40   |        |      |
| Bowers & Havey.....               | Wood .....                                | 37     | 37   |        |      |
| Macdonald & Co.....               | Check valves, castings .....              | 63     | 39   |        |      |
| Frank Suthern.....                | 12 months salary as Keeper.....           | \$493  | 76   |        |      |
| Receiver-General .....            | do superannuation tax .....               | 6      | 24   |        |      |
|                                   |   | 500    | 00   |        |      |
|                                   |   |        |      | 1,529  | 54   |
| <i>Cape Sable.</i>                |   |        |      |        |      |
| F. Atwood.....                    | Freight, 37 tons coal, at \$5.....        | 185    | 00   |        |      |
| Joggins Coal Co.....              | 195 tons coal, at \$2.40.....             | 468    | 00   |        |      |
| B. D. King.....                   | Freight do 4.50.....                      | 877    | 50   |        |      |
| S. Cunard & Co.....               | 37 tons coal, at \$3.15.....              | 116    | 55   |        |      |
| Macdonald & Co.....               | Gauge glasses.....                        | 9      | 29   |        |      |
| Burrill, Johnson & Co....         | Repairing boiler.....                     | 898    | 14   |        |      |
| J. K. Doane.....                  | Wood, carting coal, etc.....              | 161    | 83   |        |      |
|                                   |   |        |      | 2,656  | 31   |
| <i>Cape d'Or.</i>                 |   |        |      |        |      |
| R. A. Abbott.....                 | Blocks.....                               | 9      | 00   |        |      |
| R. & J. Seeton, & Co.....         | Tarred paper.....                         | 30     | 12   |        |      |
| John P. Mott & Co.....            | Lime.....                                 | 45     | 00   |        |      |
| R. H. Cogswell.....               | Clock.....                                | 4      | 50   |        |      |
| W. J. Gibson.....                 | Zinc.....                                 | 51     | 76   |        |      |
| A. E. McLeod.....                 | Lime and plaster.....                     | 16     | 38   |        |      |
| James Gillespie.....              | Shovels, saw.....                         | 7      | 15   |        |      |
| John Hogan & Sons.....            | Bricks.....                               | 234    | 00   |        |      |
| C. Knowelton.....                 | Boat hire.....                            | 9      | 00   |        |      |
| N. B. Morris.....                 | Labour, supplies.....                     | 196    | 96   |        |      |
| J. W. Crossman.....               | do .....                                  | 15     | 00   |        |      |
| John Hanning.....                 | Boating brick.....                        | 26     | 00   |        |      |
| Joseph Creelman.....              | Labour.....                               | 9      | 00   |        |      |
| G. E. Smith & Co.....             | Glass, putty, rope, paint.....            | 57     | 40   |        |      |
| Austin Smith.....                 | Boating sand.....                         | 9      | 37   |        |      |
| N. T. Barto.....                  | do .....                                  | 29     | 62   |        |      |
| J. C. Morris, and others.         | Erecting new boiler.....                  | 1,141  | 53   |        |      |
| A. S. Townsend.....               | Freight, supplies.....                    | 5      | 51   |        |      |
| Macdonald & Co.....               | Repairing machinery, supplies.....        | 420    | 81   |        |      |
| A. H. Rand.....                   | Materials and labour staying chimney..... | 69     | 30   |        |      |
| do .....                          | 12 months salary as Engineer.....         | \$493  | 76   |        |      |
| Receiver-General.....             | do superannuation tax.....                | 6      | 24   |        |      |
|                                   |   | 500    | 00   |        |      |
| J. P. Rand.....                   | 12 months salary as Assistant.....        | 150    | 00   |        |      |
| Leopold Morris.....               | do .....                                  | 150    | 00   |        |      |
|                                   |   |        |      | 3,187  | 41   |
|                                   | Carried forward.....                      |        |      | 45,776 | 67   |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

|                                |                                       | \$ cts.  | \$ cts.   |
|--------------------------------|---------------------------------------|----------|-----------|
|                                | Brought forward .....                 |          | 45,778 67 |
| <b>FOG-WHISTLES—Continued.</b> |                                       |          |           |
| <i>Cranberry Island.</i>       |                                       |          |           |
| James McDonald .....           | 10 cords wood .....                   | 60 00    |           |
| G. E. Smith & Co. ....         | Blacksmith's tools.....               | 6 20     |           |
| Archibald & Co. ....           | 125 tons coal, at \$5.50 .....        | 952 50   |           |
| Macdonald & Co. ....           | Steam whistle, bells.....             | 73 60    |           |
| do .....                       | Boiler tubes.....                     | 184 00   |           |
| do .....                       | Boiler felt, bellows.....             | 83 05    |           |
| W. S. Symonds & Co. ....       | Repairs.....                          | 31. 08   |           |
| Jas. Lepper.....               | Board boilermakers.....               | 32 00    |           |
|                                |                                       |          | 1,702 43  |
| <i>Cross Island.</i>           |                                       |          |           |
| R. Heisler.....                | Wood, teaming coal, etc.....          | 63 00    |           |
| Jacob Inglis.....              | Conveyance of machinery.....          | 10 00    |           |
| J. Hogan & Sons.....           | Lumber.....                           | 1 38     |           |
| G. E. Smith & Co. ....         | Iron, tallow, etc.....                | 14 77    |           |
| S. Cunard & Co. ....           | 60 tons coal, at \$3.15.....          | 187 50   |           |
| D. Waddell.....                | Freight of coal and oil.....          | 170 00   |           |
| Macdonald & Co. ....           | Machinists' supplies, repairs.....    | 177 70   |           |
| W. S. Symonds & Co. ....       | Smoke stack.....                      | 34 35    |           |
| do .....                       | Boiler tubes, re-tubing boiler.....   | 92 50    |           |
| do .....                       | Repairing pump.....                   | 60 50    |           |
|                                |                                       |          | 781 70    |
| <i>Digby.</i>                  |                                       |          |           |
| Jiggins Coal Co.....           | 106½ tons of coal, at \$2.40.....     | 255 60   |           |
| B. D. King.....                | Freight do 1.25.....                  | 133 00   |           |
| J. W. Hayden.....              | Teaming water .....                   | 6 00     |           |
| W. S. Symonds & Co. ....       | Repairing boiler.....                 | 90 40    |           |
| Macdonald & Co. ....           | Gauge glasses and rubber .....        | 8 40     |           |
| W. E. Ellis.....               | Hauling coal.....                     | 116 80   |           |
| do .....                       | Board of boilermakers.....            | 9 05     |           |
|                                |                                       |          | 619 25!   |
| <i>St. Paul's Island.</i>      |                                       |          |           |
| Richard Abbott.....            | Blocks .....                          | 4 50     |           |
| J. Hogan & Sons.....           | Lumber and shingles.....              | 56 60    |           |
| J. Fleming & Co. ....          | Oars .....                            | 13 00    |           |
| W. S. Symonds & Co. ....       | Boiler tubes.....                     | 14 68    |           |
| Archibald & Co. ....           | 146 tons of coal, at \$4.75.....      | 693 50   |           |
| Macdonald & Co. ....           | Tube rods, bell repairs, etc.....     | 64 12    |           |
| Theakston & Angwin .....       | Wick, saw blades and hinges.....      | 2 22     |           |
| Robt. Muirhead.....            | 12 months salary as Light-keeper..... | \$493 76 |           |
| Receiver-General.....          | do superannuation tax.....            | 6 24     |           |
|                                |                                       | 500 00   |           |
|                                |                                       |          | 1,348 62  |
| <i>Seal Island.</i>            |                                       |          |           |
| Jiggins Coal Co.....           | 105 tons of coal, at \$2.40.....      | 257 25   |           |
| B. D. King.....                | Freight do 4.50.....                  | 472 50   |           |
| J. Tobin & Co. ....            | Hauling coal.....                     | 136 50   |           |
| R. J. Sweet.....               | 8 cords of wood, at \$4.....          | 32 00    |           |
| G. O. Smith & Co. ....         | Steel and zinc.....                   | 5 01     |           |
|                                |                                       |          | 908 26    |
|                                | Carried forward.....                  |          | 51,131 93 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—Continued.

|                                |   | \$ cts.  | \$ cts.   |
|--------------------------------|---|----------|-----------|
|                                | Brought forward.....                            |          | 51,131 93 |
| <b>FOG-WHISTLES—Continued.</b> |   |          |           |
| <i>Sambro Island.</i>          |   |          |           |
| Chas. Neal .....               | Labour for coaling.....                         | 67 45    |           |
| John Smith.....                | 15 cords of wood, at \$5.50.....                | 82 50    |           |
| A. Gilkie.....                 | Board of labourers and mechanics.....           | 169 50   |           |
| W. S. Symonds & Co.....        | Repairing machinery and supplies.....           | 581 52   |           |
| Capt. H. C. Dawson.....        | Rent of land.....                               | 0 24     |           |
| Michael Walsh.....             | Trolly cars.....                                | 96 00    |           |
| do .....                       | Repairing whistle-house, etc.....               | 351 71   |           |
| M. M. Myatt.....               | Conveyance of boilermakers and machinery.....   | 32 60    |           |
| West India Wharf.....          | 80 tons of coal, at \$3.20.....                 | 256 00   |           |
| S. Cunard & Co.....            | 92 do 3.15.....                                 | 289 80   |           |
| James Collins.....             | Labour coaling.....                             | 7 50     |           |
| D Waddell.....                 | Freight of coal, etc.....                       | 500 00   |           |
| Thomas Ead.....                | Labour coaling.....                             | 29 70    |           |
| Theakston & Angwin.....        | Nails, rope, etc.....                           | 62 88    |           |
| Joggins Coal Co.....           | 165 tons of coal, at \$2.40.....                | 396 00   |           |
| Smith Bros.....                | Freight on coal.....                            | 198 00   |           |
| J. Hogan & Sons.....           | Lumber and shingles.....                        | 248 31   |           |
| Macdonald & Co.....            | Machinists' supplies.....                       | 843 94   |           |
| Hugh Rogers.....               | Labour and conveyance of carpenters.....        | 15 70    |           |
| Richard Barry.....             | Labour coaling.....                             | 23 40    |           |
| Acadia Coal Co.....            | 78 tons of coal, at \$3.10.....                 | 241 80   |           |
|                                |   |          | 4,493 95  |
| <i>Scatteris.</i>              |   |          |           |
| J. W. Brown.....               | 10 cords of wood, at \$1.25.....                | 42 50    |           |
| do .....                       | Board of boilermakers.....                      | 21 72    |           |
| W. S. Symonds.....             | Repairing boiler and machinery, putty, etc..... | 339 33   |           |
| Archibald & Co.....            | 58 tons of coal, at \$4.50.....                 | 225 00   |           |
| Joseph Spencer.....            | Freight and supplies.....                       | 5 00     |           |
| Macdonald & Co.....            | Repairing steam chest, etc.....                 | 31 65    |           |
| Malcom Ferguson.....           | Labour in ditch.....                            | 5 36     |           |
| do .....                       | 12 months salary as Light-keeper.....           | \$395 00 |           |
| Receiver-General.....          | do superannuation tax.....                      | 5 00     |           |
|                                |   | 400 00   |           |
|                                |   |          | 1,070 56  |
| <i>Shelburne.</i>              |   |          |           |
| John Taylor .....              | Barrows.....                                    | 6 00     |           |
| G. A. Cox.....                 | Hardware, fuse, powder, nails, etc.....         | 33 65    |           |
| Wm. Muir.....                  | Labour and conveyance of luggage.....           | 57 75    |           |
| Jas. Ralph, and others...      | do at tramway.....                              | 107 17   |           |
| Theakston & Angwin .....       | Wire, rope, iron, etc.....                      | 107 75   |           |
| Henry Watt.....                | Building whistle-house, tramway, etc.....       | 980 82   |           |
| J. P. Trefrey.....             | Board of carpenters.....                        | 13 50    |           |
| J. P. Gregory.....             | Mason work.....                                 | 13 12    |           |
| Joggins Coal Co.....           | 23 tons of coals, at \$2.40.....                | 55 20    |           |
| Isaiah Sabian.....             | Freight of supplies.....                        | 20 00    |           |
| Intercolonial Railway...       | Freight of machinery.....                       | 34 40    |           |
| Smith Bros.....                | Freight of coals.....                           | 115 00   |           |
| J. Hogan & Sons.....           | Lumber and cement.....                          | 132 09   |           |
| Macdonald & Co.....            | Machinery and supplies, outfit, etc.....        | 959 42   |           |
| Western Co's. Railway...       | Conveyance of carpenters.....                   | 13 00    |           |
| Thomas O. Ryer.....            | Board of mechanics.....                         | 23 70    |           |
| J. Devine.....                 | Mason work.....                                 | 26 62    |           |
| Joseph McGill.....             | Blacksmith work.....                            | 29 90    |           |
| Wm. McLean.....                | Sand.....                                       | 59 87    |           |
| Henry Carr.....                | Labour.....                                     | 34 00    |           |
|                                | Brought forward.....                            | 2,832 96 | 56,696 44 |

**STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-whistles, etc., in Nova Scotia, etc.—Continued.**

|                                  |   | \$ cts   | \$ cts.   |
|----------------------------------|---|----------|-----------|
| Brought forward.....             |   | 2,832 96 | 56,696 44 |
| <b>FOG-WHISTLES—Concluded.</b>   |   |          |           |
| <i>Shelburne—Con.</i>            |   |          |           |
| Wm. Devann .....                 | Labor and travelling expenses .....   | 112 50   |           |
| John White.....                  | Stove and pipe.....   | 16 50    |           |
| Francis Demings .....            | Board of mechanics.....   | 298 50   |           |
| R. H. Cogswell.....              | Timepiece.....  | 4 50     |           |
| S. Perry.....                    | Conveyance of pump .....  | 2 00     |           |
|                                  |   |          | 3,266 96  |
| <i>Yarmouth.</i>                 |   |          |           |
| Burrell, Johnson & Co .....      | Repairs .....   | 298 15   |           |
| Joggins Coal Co.....             | 126 tons of coal, at \$2.40.....  | 302 40   |           |
| P. T. Blake.....                 | Freight do \$3.65.....  | 459 90   |           |
| Jacob Harris.....                | Use of road .....   | 6 00     |           |
| John Sweeny .....                | 10 cords of wood, at \$6.....   | 60 00    |           |
| Thomas S. Doane .....            | Hauling water .....   | 21 75    |           |
| W. R. Crawley .....              | Wheelbarrow .....   | 5 00     |           |
| G. J. Morton .....               | Stove pipes and chimnies .....  | 1 43     |           |
|                                  |   |          | 1,154 63  |
| <b>LIGHTHOUSES.</b>              |   |          |           |
| <b>SUPERINTENDENT OF LIGHTS.</b> |   |          |           |
| D. M. Brown.....                 | Travelling expenses .....   | 300 00   |           |
| do .....                         | 7 months and 18 days, to 18th Feb., 1884,<br>salary as Superintendent.....  | \$590 00 |           |
| Receiver-General .....           | Superannuation tax.....   | 10 00    |           |
|                                  |   |          | 600 00    |
| A. A. Hutchins.....              | Travelling expenses .....   | 200 00   |           |
| do .....                         | 4 months and 11 days, to 30th June, 1884,<br>salary as Superintendent ..... | \$430 67 |           |
| Receiver-General .....           | Superannuation tax.....   | 8 78     |           |
|                                  |   |          | 439 45    |
|                                  |   |          | 1,539 45  |
| <i>Amet Island.</i>              |   |          |           |
| D. & A. Campbell.....            | Repairing protection work .....   | 117 00   |           |
| Zebud Mulnes.....                | Expenses to Island .....  | 12 65    |           |
| John McFarlane .....             | Boat slip, winch, etc.....  | 29 50    |           |
| do .....                         | 12 months salary as Light-keeper.....                                       | \$443 76 |           |
| Receiver-General .....           | do superannuation tax .....   | 6 24     |           |
|                                  |   |          | 450 00    |
|                                  |   |          | 609 15    |
| <i>Annapolis.</i>                |   |          |           |
| W. E. Ellis .....                | Hauling supplies .....  | 11 30    |           |
| do .....                         | 12 months salary as Light-keeper.....                                       | \$795 00 |           |
| Receiver-General .....           | do superannuation tax.....  | 5 00     |           |
|                                  |   |          | 800 00    |
|                                  |   |          | 811 30    |
| <i>Apple River.</i>              |   |          |           |
| James Tate.....                  | Painting .....  | 15 00    |           |
| do .....                         | 12 months salary as Light-keeper.....                                       | \$375 28 |           |
| Receiver-General .....           | do superannuation tax.....  | 4 72     |           |
|                                  |   |          | 380 00    |
|                                  |   |          | 395 00    |
| Carried forward.....             |   |          | 64,472 93 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued*,

|                               |  | \$    | cts.   | \$     | cts.   |
|-------------------------------|--|-------|--------|--------|--------|
| Brought forward .....         |  |       |        | 64,472 | 93     |
| <b>LIGHTHOUSES—Continued.</b> |  |       |        |        |        |
| <i>Arichat.</i>               |  |       |        |        |        |
| W. Stairs, Son & Morrow       | Repairs .....                          |       | 7 10   |        |        |
| John McAckill .....           | do .....                               |       | 25 53  |        |        |
| Chris. Coste .....            | 12 months salary as Light-keeper ..... | \$246 | 88     |        |        |
| Receiver-General .....        | do Superannuation tax .....            |       | 3 12   |        |        |
|                               |  |       | 250 00 |        | 282 63 |
| <i>Argyle.</i>                |  |       |        |        |        |
| H. H. Hamilton .....          | Wire stays and iron work .....         |       | 58 00  |        |        |
| do .....                      | Alterations, repairs, etc .....        |       | 84 50  |        |        |
| do .....                      | Repairs to boat .....                  |       | 14 02  |        |        |
| do .....                      | Painting .....                         |       | 10 00  |        |        |
| do .....                      | 12 months salary as Light-keeper ..... | \$345 | 64     |        |        |
| Receiver-General .....        | do superannuation tax .....            |       | 4 36   |        |        |
|                               |  |       | 350 00 |        | 516 52 |
| <i>Abbott's Harbor.</i>       |  |       |        |        |        |
| James D. Entremont .....      | 12 months salary as Light-keeper ..... |       |        |        | 20 00  |
| <i>Advocate Harbor.</i>       |  |       |        |        |        |
| Henry Watt .....              | Inspecting building .....              |       |        |        | 32 30  |
| <i>Barrington.</i>            |  |       |        |        |        |
| Geo. H. Snow .....            | Conveying supplies .....               |       | 6 00   |        |        |
| do .....                      | 12 months salary as Light-keeper ..... | \$345 | 00     |        |        |
| Receiver-General .....        | do superannuation tax .....            |       | 5 00   |        |        |
|                               |  |       | 350 00 |        | 356 00 |
| <i>Beaver Island.</i>         |  |       |        |        |        |
| Michael Anderson .....        | Boat .....                             |       | 26 00  |        |        |
| Macdonald & Co .....          | Repairing lamps .....                  |       | 16 30  |        |        |
| Geo. E. Smith & Co .....      | Rope .....                             |       | 10 35  |        |        |
| John W. Hall .....            | Boat hire and boat sails .....         |       | 8 29   |        |        |
| do .....                      | 12 months salary as Light-keeper ..... | \$395 | 00     |        |        |
| Receiver-General .....        | do superannuation tax .....            |       | 5 00   |        |        |
|                               |  |       | 400 00 |        |        |
| John W. Hall .....            | Repairing boat .....                   |       | 10 00  |        |        |
|                               |  |       | 470 94 |        |        |
| <i>Bird Island.</i>           |  |       |        |        |        |
| Theakston & Angwin .....      | Rope .....                             |       | 17 70  |        |        |
| Angus Ross .....              | 12 months salary as Light-keeper ..... | \$395 | 00     |        |        |
| Receiver-General .....        | do superannuation tax .....            |       | 5 00   |        |        |
|                               |  |       | 400 00 |        | 417 70 |
| <i>Black Rock.</i>            |  |       |        |        |        |
| James Robinson .....          | Repairing foundation .....             |       | 30 00  |        |        |
| do .....                      | 12 months salary as Light-keeper ..... | \$355 | 52     |        |        |
| Receiver-General .....        | do superannuation tax .....            |       | 4 48   |        |        |
|                               |  |       | 360 00 |        | 390 00 |
| Carried forward .....         |  |       |        | 66,959 | 02     |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

|                                 |  | \$    | cts.   | \$     | cts.      |
|---------------------------------|--|-------|--------|--------|-----------|
| Brought forward .....           |  |       |        | 66,959 | 02        |
| <b>LIGHTHOUSES—Continued.</b>   |  |       |        |        |           |
| <i>Black Rock Point.</i>        |  |       |        |        |           |
| Donald Morrison.....            | Repairs .....  |       | 12 50  |        |           |
| do .....                        | 12 months salary as Light-keeper.....                        | \$345 | 64     |        |           |
| Receiver-General .....          | do superannuation tax.....                                   | 4     | 36     |        |           |
|                                 |  |       | 350 00 |        | 362 50    |
| <i>Boar's Head.</i>             |  |       |        |        |           |
| Henry M. Ruggles .....          | Repairing building and road .....                            |       | 99 74  |        |           |
| do .....                        | 12 months salary as Light-keeper.....                        | \$395 | 00     |        |           |
| Receiver-General .....          | do superannuation tax.....                                   | 5     | 00     |        |           |
|                                 |  |       | 400 00 |        | 499 74    |
| <i>Brier Island.</i>            |  |       |        |        |           |
| R. A. Abbott .....              | Blocks .....   |       | 5 75   |        |           |
| Joseph Suthern.....             | Board of carpenters.....                                     |       | 100 00 |        |           |
| do .....                        | 6 months salary as Light-keeper.....                         | \$227 | 14     |        |           |
| Receiver-General .....          | do superannuation tax.....                                   | 2     | 86     |        |           |
|                                 |  |       | 230 00 |        |           |
| Frank Suthern.....              | do salary as Light-keeper.....                               |       | 230 00 |        | 565 75    |
| <i>Burnt Coat.</i>              |  |       |        |        |           |
| Wm. Faulkner.....               | 6 months salary as Light-keeper, to 31st<br>Dec., 1883. .... | \$123 | 44     |        |           |
| Receiver-General .....          | do superannuation tax.....                                   | 1     | 56     |        |           |
|                                 |  |       | 125 00 |        |           |
| Fred. H. Faulkner.....          | 3 do salary as Light-keeper, to 31st March, 1884             |       | 62 50  |        |           |
| Prescott Masher .....           | do do to 30th June, 1884.                                    |       | 62 50  |        |           |
|                                 |  |       | 125 00 |        | 250 00    |
| <i>Bon Portage.</i>             |  |       |        |        |           |
| Macdonald & Co .....            | Repairing machinery, etc .....                               |       | 197 30 |        |           |
| William Wrayton.....            | 12 months salary as Light-keeper.....                        | \$345 | 64     |        |           |
| Receiver-General .....          | do superannuation tax.....                                   | 4     | 36     |        |           |
|                                 |  |       | 350 00 |        | 547 30    |
| <i>Betty's Island.</i>          |  |       |        |        |           |
| Jacob Bowser.....               | Repairs .....  |       | 232 30 |        |           |
| Theakston & Angwin ...          | Hardware, nails, zinc and lead .....                         |       | 21 13  |        |           |
| John Hogan & Sons.....          | Brick, cement and shingles .....                             |       | 111 53 |        |           |
| Macdonald & Co.....             | Repairing lamps .....  |       | 7 60   |        |           |
| P. Christian, jun.....          | Conveying supplies.....                                      |       | 11 00  |        |           |
| do .....                        | 12 months salary as Light-keeper.....                        | \$493 | 76     |        |           |
| Receiver-General .....          | do superannuation tax.....                                   | 6     | 24     |        |           |
|                                 |  |       | 500 00 |        | 883 56    |
| <i>Brooklyn Pier.</i>           |  |       |        |        |           |
| Joseph Gardner .....            | 12 months salary as Light-keeper .....                       |       |        |        | 183 00    |
| <i>Barrington Light Vessel.</i> |  |       |        |        |           |
| O. E. Creighton & Co....        | 247 gallons oil, at 25 cents; truckage, 40 cents....         |       | 62 28  |        |           |
| Theakston & Angwin....          | Rope, oil and axe.....                                       |       | 13 38  |        |           |
| Alfred Graves .....             | Harness and casks.....                                       |       | 11 50  |        |           |
| J. R. Kenny .....               | Painting .....   |       | 15 00  |        |           |
| do .....                        | 12 months salary as Light-keeper.....                        | \$496 | 24     |        |           |
| Receiver-General .....          | do superannuation tax.....                                   | 3     | 76     |        |           |
|                                 |  |       | 500 00 |        | 602 16    |
| Carried forward .....           |  |       |        |        | 70,853 03 |



STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

|                               |   | \$ cts.  | \$ cts.   |
|-------------------------------|---|----------|-----------|
| Brought forward .....         |   |          | 70,853 03 |
| <b>LIGHTHOUSES—Continued.</b> |   |          |           |
| <i>Canso Harbour.</i>         |   |          |           |
| Lawrence Power.....           | 12 months salary as Light-keeper .....                | 197 52   |           |
| Receiver-General.....         | do superannuation tax.....                            | 2 48     |           |
|                               |   |          | 200 00    |
| <i>Cape Canso.</i>            |   |          |           |
| Intercolonial Railway....     | Freight on lantern.....                               | 75 00    |           |
| R. H. Cogswell .....          | Clock and spy glass .....                             | 14 50    |           |
| David Myers .....             | Freight on lantern.....                               | 40 00    |           |
| J. E. M. Taylor.....          | Outting glass.....                                    | 1 50     |           |
| J. Hogan & Sons.....          | Oement.....   | 8 25     |           |
| Theakston & Angwin .....      | Zinc and tacks .....                                  | 3 58     |           |
| C. E. Creighton & Co.....     | 515 gallons oil, at 25 cents; truckage, 80 cents..... | 129 55   |           |
| John White.....               | Stoves and pipes.....                                 | 42 50    |           |
| James Lepper.....             | Blocks and rope.....                                  | 19 27    |           |
| do .....                      | Removing temporary lighthouse.....                    | 40 95    |           |
| do .....                      | Freight elevator.....                                 | 15 00    |           |
| do .....                      | 12 months salary as Light-keeper.....                 | 900 00   |           |
|                               |   |          | 1,290 10  |
| <i>Cape North.</i>            |   |          |           |
| John McKinnon.....            | Labour and painting .....                             | 14 00    |           |
| do .....                      | Replacing oil stove .....                             | 7 00     |           |
| do .....                      | 12 months salary as Light-keeper.....                 | \$395 00 |           |
| Receiver-General .....        | do superannuation tax.....                            | 5 00     |           |
|                               |   |          | 400 00    |
|                               |   |          | 421 00    |
| <i>Cape George.</i>           |   |          |           |
| Macdonald & Co.....           | New lamps and repairing lamps .....                   | 22 75    |           |
| John Murray.....              | Foundation wall and road.....                         | 220 00   |           |
| do .....                      | 12 months salary as Light-keeper.....                 | 200 00   |           |
|                               |   |          | 442 75    |
| <i>Church Point.</i>          |   |          |           |
| J. H. Saulnier .....          | Repairs and painting .....                            | 20 50    |           |
| do .....                      | 12 months salary as Light-keeper .....                | \$197 52 |           |
| Receiver-General.....         | do superannuation tax.....                            | 2 48     |           |
|                               |   |          | 200 00    |
|                               |   |          | 220 50    |
| <i>Cape Sable.</i>            |   |          |           |
| Macdonald & Co.....           | Repairing lightgear.....                              | 61 60    |           |
| J. Atkinson.....              | Shingling lifeboat house .....                        | 7 66     |           |
| I. K. Doane .....             | Carting supplies .....                                | 3 00     |           |
| do .....                      | 12 months salary as Light-keeper.....                 | \$794 00 |           |
| Receiver-General.....         | do superannuation tax.....                            | 6 00     |           |
|                               |   |          | 800 00    |
|                               |   |          | 871 66    |
| <i>Cape St. George.</i>       |   |          |           |
| W. J. Gondon .....            | Repairs .....   | 59 25    |           |
| do .....                      | 12 months salary as Light-keeper.....                 | 450 00   |           |
|                               |   |          | 509 25    |
| <i>Cape St. Mary.</i>         |   |          |           |
| M. Robichau.....              | 12 months salary as Light-keeper.....                 | 493 76   |           |
| Receiver-General .....        | do superannuation tax.....                            | 6 24     |           |
|                               |   |          | 500 00    |
| Carried forward .....         |   |          | 75,308 29 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—Continued.

|                               |   | \$                   | cts. | \$     | cts. |
|-------------------------------|---|----------------------|------|--------|------|
|                               |   | Brought forward..... |      | 75,308 | 29   |
| <b>LIGHTHOUSES—Continued.</b> |   |                      |      |        |      |
| <i>Carter's Island.</i>       |   |                      |      |        |      |
| John White ..                 | Stove and pipes.....  |                      | 14   | 00     |      |
| Albert Locke.....             | Erecting and painting oil store.....                        |                      | 55   | 00     |      |
| do                            | Boat.....   |                      | 16   | 00     |      |
| do                            | 6 months salary as Light-keeper.....                        |                      | 118  | 21     |      |
| C. M. Colluppy .....          | 6 do do do .....  |                      | 131  | 79     |      |
|                               |   |                      |      | 335    | 00   |
| <i>Carribou Island.</i>       |   |                      |      |        |      |
| Jacob Bowser.....             | Inspecting breakwater.....                                  |                      | 23   | 49     |      |
| Roderick McKenzie.....        | 12 months salary as Light-keeper.....                       | \$296                | 28   |        |      |
| Receiver-General .....        | do superannuation tax.....                                  |                      | 3    | 72     |      |
|                               |   |                      |      | 300    | 00   |
| <i>Chester.</i>               |   |                      |      |        |      |
| Edward Young .....            | Hauling oil.....  |                      | 2    | 00     |      |
| do                            | 6 months salary as Light-keeper to 31st December, 1883..... | \$197                | 50   |        |      |
| Receiver-General.....         | do superannuation tax.....                                  |                      | 2    | 50     |      |
|                               |   |                      |      | 200    | 00   |
| Wordin Young.....             | 3 months salary as Light-keeper to 30th March, 1884.....    |                      | 85   | 76     |      |
| Uriah Young.....              | do do to 3 th June, 1884.....                               |                      | 114  | 24     |      |
|                               |   |                      |      | 402    | 00   |
| <i>Cheticamp.</i>             |   |                      |      |        |      |
| P. Robin & Co.....            | Supplies and repairs.....                                   |                      | 35   | 83     |      |
| do                            | 12 months salary as Light-keeper.....                       | \$296                | 28   |        |      |
| Receiver-General .....        | do superannuation tax.....                                  |                      | 3    | 72     |      |
|                               |   |                      |      | 300    | 00   |
| <i>Creighton's Head.</i>      |   |                      |      |        |      |
| Theakston & Angwin.....       | Nails, spikes and shingles.....                             |                      | 10   | 20     |      |
| John McAsgill.....            | Repairs.....  |                      | 22   | 90     |      |
| H. H. Orichton.....           | Stove and pipes.....  |                      | 8    | 25     |      |
| do                            | Repairing protection work.....                              |                      | 32   | 00     |      |
| do                            | 12 months salary as Light-keeper.....                       | \$197                | 52   |        |      |
| do                            | do superannuation tax.....                                  |                      | 2    | 48     |      |
|                               |   |                      |      | 200    | 00   |
| <i>Chebucto Head.</i>         |   |                      |      |        |      |
| Theakston & Angwin .....      | Spikes, nails and clock.....                                |                      | 44   | 80     |      |
| A. Crawford.....              | Freight on building materials.....                          |                      | 10   | 00     |      |
| Thos. Robinson .....          | Teaming shingles.....                                       |                      | 4    | 00     |      |
| Jacob Bowser.....             | Repairs.....  |                      | 233  | 60     |      |
| Macdonal & Co. ....           | Repairing lamps and clock gear.....                         |                      | 52   | 35     |      |
| John White.....               | Stovepipe and zinc.....                                     |                      | 5    | 05     |      |
| J. Hogan & Sons.....          | Shingles .....  |                      | 5    | 00     |      |
| Edward Johnson.....           | Building road .....   |                      | 112  | 50     |      |
| do                            | Labour on oil and board of mechanics.....                   |                      | 90   | 00     |      |
| do                            | 12 months salary as Light-keeper.....                       | \$493                | 12   |        |      |
| Receiver-General.....         | do superannuation tax.....                                  |                      | 6    | 88     |      |
|                               |   |                      |      | 500    | 00   |
|                               |   |                      |      | 1,057  | 30   |
| Carried forward.....          |   |                      |      | 78,034 | 26   |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

|                               |  | \$    | cts.   | \$     | cts. |
|-------------------------------|--|-------|--------|--------|------|
| Brought forward.....          |  |       |        | 78,034 | 26   |
| <b>LIGHTHOUSES—Continued.</b> |  |       |        |        |      |
| <i>Country Harbour.</i>       |  |       |        |        |      |
| Theakston & Angwin.....       | Iron, zinc, nails and spikes.....                                |       | 31 62  |        |      |
| James Henderson.....          | Repairs.....   |       | 19 45  |        |      |
| Jas. G. Pride.....            | Freight on building materials.....                               |       | 52 25  |        |      |
| J. Hogan & Sons.....          | Building materials.....  |       | 263 84 |        |      |
| S. H. Griffin.....            | Boat, stone, and regulating lamps.....                           |       | 35 25  |        |      |
| do.....                       | Labour on road and boarding mechanics.....                       |       | 55 13  |        |      |
| J. A. Foster.....             | 3 months salary as Light-keeper, to 30th<br>September, 1883..... | \$98  | 75     |        |      |
| Receiver-General.....         | do superannuation tax.....                                       |       | 1 25   |        |      |
|                               |  |       | 100 00 |        |      |
| S. H. Griffin.....            | 9 months salary as Light-keeper, to 30th Dec., 1884              |       | 300 00 |        |      |
|                               |  |       |        | 857    | 54   |
| <i>Cross Island.</i>          |  |       |        |        |      |
| Ruben Heisler.....            | Repairing road and teaming.....                                  |       |        |        |      |
| do.....                       | Boarding mechanics.....  |       | 104 00 |        |      |
| Henry Watt.....               | Repairing lantern.....   |       | 9 00   |        |      |
| J. Hogan & Sons.....          | Lumber.....  |       | 72 17  |        |      |
| Geo. E. Smith & Co.....       | Chain.....   |       | 2 32   |        |      |
| G. E. Smith.....              | 12 months salary as Light-keeper.....                            | \$794 | 28     |        |      |
| Receiver-General.....         | do superannuation tax.....                                       |       | 5 72   |        |      |
|                               |  |       | 800 00 |        |      |
|                               |  |       |        | 988    | 69   |
| <i>Cape LeRonde.</i>          |  |       |        |        |      |
| W. Stairs, Son & Morrow       | Repairs.....   |       | 9 47   |        |      |
| C. Latimer.....               | Repairs and hauling supplies.....                                |       | 122 65 |        |      |
| do.....                       | 12 months salary as Light-keeper.....                            | \$296 | 28     |        |      |
| Receiver-General.....         | do superannuation tax.....                                       |       | 3 72   |        |      |
|                               |  |       | 300 00 |        |      |
|                               |  |       |        | 432    | 12   |
| <i>Cow Bay Beacon.</i>        |  |       |        |        |      |
| Arch. McKinnon.....           | Glazing lantern.....   |       | 2 00   |        |      |
| do.....                       | 12 months salary as Light-keeper.....                            |       | 133 92 |        |      |
|                               |  |       |        | 135    | 92   |
| <i>Crow Harbour.</i>          |  |       |        |        |      |
| John Ehler, 3rd.....          | 12 months salary as Light-keeper.....                            |       |        |        |      |
|                               |  |       |        | 300    | 00   |
| <i>Croucher's Island.</i>     |  |       |        |        |      |
| J. H. Hyson.....              | Boat.....  |       | 25 00  |        |      |
| Theakston & Angwin.....       | Rope.....  |       | 7 20   |        |      |
| George Croucher.....          | 12 months salary as Light-keeper.....                            |       | 250 00 |        |      |
|                               |  |       |        | 282    | 20   |
| <i>Devil's Island.</i>        |  |       |        |        |      |
| Theakston & Angwin.....       | Nails, rope, &c.....   |       | 33 21  |        |      |
| do.....                       | Outfit for life-boat.....  |       | 53 56  |        |      |
| Richard Abbott.....           | Blocks.....  |       | 3 25   |        |      |
| Michael Walsh.....            | Repairs.....   |       | 197 75 |        |      |
| J. Hogan & Sons.....          | Lumber and shingles.....   |       | 55 61  |        |      |
| Macdonald & Co.....           | Repairing burners.....   |       | 1 50   |        |      |
| John Smith.....               | 5 cords of wood, at \$4.75.....                                  |       | 23 75  |        |      |
| Ben. Fulker.....              | Boarding carpenters.....   |       | 59 42  |        |      |
|                               |  |       | 428 05 |        |      |
|                               | Carried forward.....   |       |        | 81,031 | 73   |

STATEMENT of Expenditure in connection with the Maintenance of Lighthouses, Fog-Whistles, etc., in Nova Scotia, etc.—Continued.

|                               |  | \$ cts.  | \$ cts.   |
|-------------------------------|--|----------|-----------|
|                               | Brought forward.....                   | 428 05   | 81,031 73 |
| <b>LIGHTHOUSES—Continued.</b> |  |          |           |
| Benj. Fulker .....            | Labour in supplies .....               | 7 00     |           |
| do .....                      | 12 months salary as Light-keeper ..... | \$493 76 |           |
| Receiver-General .....        | do superannuation tax.....             | 6 24     |           |
|                               |  | 500 00   | 935 05    |
| <i>De Bert (Pole Light).</i>  |  |          |           |
| Robert Weir.....              | 12 months salary as Light-keeper ..... |          | 25 00     |
| <i>Egg Island.</i>            |  |          |           |
| J. Dempster & Co.....         | Lumber .....                           | 37 65    |           |
| C. Neal .....                 | Boat hire, landing lumber.....         | 6 00     |           |
| G. E. Smith & Co.....         | Nails and spouting .....               | 27 34    |           |
| D. Waddell .....              | Freight, lumber.....                   | 80 00    |           |
| Michael Walsh.....            | Repairs .....                          | 209 50   |           |
| Theakston & Angwin ..         | Nails and spikes .....                 | 2 85     |           |
| J. Hogan & Sons.....          | Lumber .....                           | 2 65     |           |
| Macdonald & Co.....           | Repairing machinery, lamps, etc. ....  | 161 07   |           |
| John Taylor, jun. ....        | Wheelbarrow.....                       | 4 50     |           |
| John White .....              | Stove and fittings, and pipe.....      | 21 25    |           |
| Wm. Condon, jun.....          | Board of mechanics .....               | 80 29    |           |
| do .....                      | 2 months salary as Light-keeper.....   | \$493 76 |           |
| Receiver-General .....        | do superannuation tax.....             | 6 24     |           |
|                               |  | 500 00   | 1,133 10  |
| <i>Fish Island.</i>           |  |          |           |
| Joseph White .....            | 12 months salary as Light-Keeper ..... | 276 52   |           |
| Receiver-General .....        | do superannuation tax.....             | 3 48     |           |
|                               |  |          | 280 00    |
| <i>Flint Island.</i>          |  |          |           |
| Rice & Spencer .....          | Bricks .....                           | 15 80    |           |
| Theakston & Angwin ..         | Nails .....                            | 1 20     |           |
| Archibald & Co.....           | Coals, rope and blocks .....           | 66 09    |           |
| J. Hogan & Sons .....         | Shingles .....                         | 16 50    |           |
| D. McIntyre .....             | Cistern, and repairing chimney .....   | 33 25    |           |
| W. W. Bown.....               | Sand, labour in tank .....             | 39 50    |           |
| R. H. Cogswell. ....          | Time piece .....                       | 4 50     |           |
| Wm. Helen .....               | Boat, clock oil. ....                  | 11 08    |           |
| do .....                      | 12 months salary as Light-keeper.....  | 400 00   |           |
|                               |  |          | 587 92    |
| <i>Fort Point.</i>            |  |          |           |
| S. T. N. Sellon .....         | Repairs and painting .....             | 11 50    |           |
| do .....                      | 12 months salary as Light-keeper.....  | \$237 00 |           |
| Receiver-General .....        | do superannuation tax .....            | 3 00     |           |
|                               |  | 240 00   | 251 50    |
| <i>Grand Narrows.</i>         |  |          |           |
| Theakston & Angwin ..         | Nails, spikes, etc.....                | 10 20    |           |
| Stephen McNeil .....          | Repairs and whitewashing .....         | 17 91    |           |
| do .....                      | 12 months salary as Light-keeper ..... | \$118 52 |           |
| Receiver-General .....        | do superannuation tax .....            | 1 48     |           |
|                               |  | 120 00   | 148 11    |
|                               | Carried forward.....                   |          | 84,392 41 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

|                               |  | \$    | cts      | \$     | cts       |
|-------------------------------|--|-------|----------|--------|-----------|
| Brought forward.....          |  |       |          | 84,392 | 41        |
| <b>LIGHTHOUSES—Continued.</b> |  |       |          |        |           |
| <i>Green Island.</i>          |  |       |          |        |           |
| Macdonald & Co.....           | Fountains and burners .....  |       | 16 40    |        |           |
| John McAsgill.....            | Repairs .....  |       | 28 50    |        |           |
| Wm. Duann .....               | 12 months salary as Light-keeper.....                                    | \$493 | 76       |        |           |
| Receiver-General .....        | do superannuation tax.....   | 6     | 24       |        |           |
|                               |  |       | 500 00   |        | 544 90    |
| <i>Gull Rock.</i>             |  |       |          |        |           |
| Geo. E. Smith & Co.....       | Hammer .....   |       | 3 00     |        |           |
| Macdonald & Co.....           | Hinges .....   |       | 3 75     |        |           |
| L. D. Orchard .....           | Painting, carpenter's tools, etc. ....                                   |       | 26 30    |        |           |
| do .....                      | 12 months salary as Light-keeper.....                                    | \$395 | 00       |        |           |
| Receiver-General .....        | do superannuation tax.....   | 5     | 00       |        |           |
|                               |  |       | 400 00   |        | 433 05    |
| <i>Guyaboro'.</i>             |  |       |          |        |           |
| Godfrey S. Peart.....         | 9 months salary as Light-keeper to 31st<br>March, 1884 .....             | \$162 | 96       |        |           |
| Receiver-General.....         | do superannuation tax .....  | 2     | 04       |        |           |
|                               |  |       | 165 00   |        |           |
| Archd. M. Peart .....         | 2 months and 10 days salary as Light-keeper, to<br>10th June, 1884 ..... |       | 42 77    |        |           |
| Moses C. Scott.....           | 20 days salary as Light-keeper, to 30th June, 1884..                     |       | 12 23    |        |           |
|                               |  |       |          |        | 220 00    |
| <i>George's Island.</i>       |  |       |          |        |           |
| Michael Walsh.....            | Addition to dwelling .....   |       | 310 92   |        |           |
| J. Dempster & Co.....         | Building materials.....  |       | 118 41   |        |           |
| John Cawsey .....             | Mason work.....  |       | 136 00   |        |           |
| John White .....              | Cowl oil, stove and pipe.....  |       | 46 55    |        |           |
| Robert Ross .....             | 12 months salary as Light-keeper.....                                    |       | 150 00   |        |           |
|                               |  |       |          |        | 761 68    |
| <i>Guyon Island.</i>          |  |       |          |        |           |
| Archibald & Co.....           | 10 tons coal, at \$5.....  |       | 50 00    |        |           |
| Macdonald & Co.....           | Repairing lamps and burners.....   |       | 49 20    |        |           |
| R. B. Winton.....             | 12 months salary as Light-keeper.....                                    | \$444 | 40       |        |           |
| Receiver-General .....        | do superannuation tax.....   | 5     | 60       |        |           |
|                               |  |       | 450 00   |        | 549 20    |
| <i>Horton Bluff.</i>          |  |       |          |        |           |
| E. Chanteloup.....            | Lantern .....  |       | 378 04   |        |           |
| L. C. Barney .....            | Plate glass.....   |       | 40 37    |        |           |
| S. C. Crowe .....             | Amount of contract on building..   |       | 1,400 00 |        |           |
| do .....                      | Repairs to outbuildings.....   |       | 5 00     |        |           |
| John White.....               | Stove, fittings, pipe, etc.....  |       | 35 55    |        |           |
| Macdonald & Co.....           | Iron table .....   |       | 16 82    |        |           |
| R. H. Cogswell .....          | Timepiece .....  |       | 4 50     |        |           |
| S. M. Rathbun.....            | Ladders, etc .....   |       | 4 00     |        |           |
| do .....                      | Freight of lantern and glass.....  |       | 27 73    |        |           |
| do .....                      | Repairs, hauling supplies.....   |       | 23 48    |        |           |
| Receiver-General .....        | 12 months salary as Light-keeper.....                                    | \$246 | 88       |        |           |
|                               | do superannuation tax.....   | 3     | 12       |        |           |
|                               |  |       | 250 00   |        | 2,185 49  |
| Carried forward.....          |  |       |          |        | 89,086 73 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

|                               |  | \$ cts.  | \$ cts.   |
|-------------------------------|--|----------|-----------|
|                               | Brought forward .....                    |          | 89,086 73 |
| <b>LIGHTHOUSES—Continued.</b> |  |          |           |
| <i>Harbour au Bouche.</i>     |  |          |           |
| W. J. Webb .....              | 12 months salary as Light-keeper .....   | 197 52   |           |
| Receiver-General .....        | do superannuation tax .....              | 2 48     | 200 00    |
| <i>Ile en Haut.</i>           |  |          |           |
| Macdonald & Co. ....          | Repairing lamps, etc. ....               | 13 55    |           |
| Nelson Card .....             | Building fence .....                     | 10 00    |           |
| do .....                      | Building oil store, hauling stores ..... | 130 00   |           |
| do .....                      | Repairing road .....                     | 30 00    |           |
| do .....                      | 12 months salary as Light-keeper .....   | \$495 00 |           |
| Receiver-General .....        | do superannuation tax .....              | 5 00     |           |
|                               |  | 500 00   | 683 55.   |
| <i>Ingonish.</i>              |  |          |           |
| John McNab .....              | Clock, hauling stores .....              | 11 65    |           |
| Theakston & Angwin ..         | Nails, paper, glass .....                | 12 69    |           |
| J. Hogan & Sons .....         | Lumber and shingles .....                | 50 99    |           |
| Thomas Brewer .....           | Repairs .....                            | 103 00   |           |
| William Ross .....            | Freight of lumber .....                  | 10 00    |           |
| L. McDougall .....            | Expenses on lumber .....                 | 13 00    |           |
| do .....                      | 12 months salary as Light-keeper .....   | \$414 76 |           |
| Receiver-General .....        | do superannuation tax .....              | 5 24     |           |
|                               |  | 420 00   | 621 33.   |
| <i>Ironbound Island.</i>      |  |          |           |
| Macdonald & Co. ....          | Repairing burners .....                  | 1 60     |           |
| G. E. DeWitt .....            | Registry fees, deed of land .....        | 2 00     |           |
| Smith & Kays .....            | Chimney tops .....                       | 13 25    |           |
| Enos Wolf .....               | Teaming supplies .....                   | 5 00     |           |
| do .....                      | 12 months salary as Light-keeper .....   | \$355 52 |           |
| Receiver-General .....        | do superannuation tax .....              | 4 48     |           |
|                               |  | 360 00   | 381 85    |
| <i>Isaac's Harbour.</i>       |  |          |           |
| John White .....              | Stove and pipe .....                     | 7 50     |           |
| C. W. Bigsby .....            | Balance on addition to dwelling .....    | 200 00   |           |
| do .....                      | Hauling supplies .....                   | 4 00     |           |
| do .....                      | 12 months salary as Light-keeper .....   | \$197 52 |           |
| Receiver-General .....        | do superannuation tax .....              | 2 48     |           |
|                               |  | 200 00   | 411 50    |
| <i>Jerseyman's Island.</i>    |  |          |           |
| J. E. M. Taylor .....         | Ruby glass and cutting .....             | 5 60     |           |
| W. Stairs, Son & Morrow       | Repairs .....                            | 13 49    |           |
| Geo. Vigneau .....            | Building shed, painting store .....      | 42 00    |           |
| do .....                      | 12 months salary as Light-keeper .....   | 300 00   |           |
|                               |  |          | 361 09    |
| <i>Jeddore Rock.</i>          |  |          |           |
| Theakston & Angwin ..         | Hardware, rope .....                     | 16 25    |           |
| J. Hogan & Sons .....         | Lumber .....                             | 2 74     |           |
| B. Fulker .....               | Salvage repairing boat .....             | 13 55    |           |
| Richard Abbott .....          | Blocks .....                             | 4 25     |           |
| John Mitchell .....           | Building boat slip .....                 | 93 37    |           |
| do .....                      | 12 months salary as Light-keeper .....   | 400 00   |           |
|                               |  |          | 530 16    |
|                               | Carried forward .....                    |          | 92,276 21 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

|                               |                                       | \$ cts.  | \$ cts.   |
|-------------------------------|---------------------------------------|----------|-----------|
| Brought forward.....          |                                       |          | 92,276 21 |
| <b>LIGHTHOUSES—Continued.</b> |                                       |          |           |
| <i>Jérôme Point.</i>          |                                       |          |           |
| John White.....               | Stove and pipe.....                   | 14 00    |           |
| J. D. Matheson.....           | Salvage, repairing boat.....          | 9 89     |           |
| do .....                      | 12 months salary as Light-keeper..... | 200 00   | 223 89    |
| <i>Kingsport.</i>             |                                       |          |           |
| W. F. Phipps.....             | Painting, freight, supplies.....      | 20 20    |           |
| do .....                      | Salary.....                           | 80 00    | 100 20    |
| <i>Kidston's Island.</i>      |                                       |          |           |
| Theakston & Angwin.....       | Nails, spikes, hinges.....            | 10 20    |           |
| D. McRae .....                | 12 months salary as Light-keeper..... | \$197 52 |           |
| Receiver-General.....         | do superannuation tax.....            | 2 48     |           |
|                               |                                       | 200 00   | 210 20    |
| <i>King's Head.</i>           |                                       |          |           |
| James W. Hogg.....            | Conveyance, supplies.....             | 8 00     |           |
| Colin McDonald.....           | 12 months salary as Light-keeper..... | 200 00   | 208 00    |
| <i>Little Hope.</i>           |                                       |          |           |
| John P. Matt .....            | Repairing landing.....                | 25 25    |           |
| Theakston & Angwin.....       | Hinges, bolts, screws.....            | 2 53     |           |
| Macdonald & Co.....           | Repairing lamps.....                  | 6 70     |           |
| Wm. Phalen.....               | Examining breakwater.....             | 15 00    |           |
| Alex. McDonald.....           | Repairing landing and boat.....       | 49 50    |           |
| do .....                      | 12 months salary as Light-keeper..... | \$493 76 |           |
| Receiver-General.....         | do superannuation tax.....            | 6 24     |           |
|                               |                                       | 500 00   | 589 98    |
| <i>Lingan Head.</i>           |                                       |          |           |
| Geo Nunn .....                | Conveyance supplies, 1882-83.....     | 12 00    |           |
| Charles Sullivan .....        | Store.....                            | 11 00    |           |
| James Quinn.....              | Stovepipe, painting.....              | 3 52     |           |
| do .....                      | 12 months salary as Light-keeper..... | \$197 52 |           |
| Receiver-General.....         | do superannuation tax.....            | 2 48     |           |
|                               |                                       | 200 00   | 226 50    |
| <i>Liscomb.</i>               |                                       |          |           |
| Theakston & Angwin.....       | Nails, screws, lead.....              | 23 26    |           |
| J. Hogan & Sons.....          | Lime and brick.....                   | 10 25    |           |
| James Hemlow.....             | Freight, lumber, &c .....             | 17 46    |           |
| James Henderson.....          | Addition to Lighthouse.....           | 304 61   |           |
| Macdonald & Co.....           | Repairing burners.....                | 6 80     |           |
| Seth Crooks.....              | Board, carpenters.....                | 81 25    |           |
| do .....                      | 12 months salary as Light-keeper..... | \$345 64 |           |
| Receiver-General.....         | do superannuation tax.....            | 4 36     |           |
|                               |                                       | 350 00   | 793 63    |
| Carried forward.....          |                                       |          | 94,628 61 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

|                       |                                       |          |           |
|-----------------------|---------------------------------------|----------|-----------|
|                       | Brought forward.....                  |          | 94,628 61 |
|                       | LIGHTHOUSES— <i>Continued.</i>        |          |           |
|                       | <i>Liverpool.</i>                     |          |           |
| G. E. Smith & Co..... | Rope, clock-cord.....                 | 9 01     |           |
| Macdonald & Co.....   | Repairing circular burner.....        | 1 50     |           |
| U. W. Firth.....      | do road.....                          | 99 20    |           |
| do.....               | Repairs, painting.....                | 53 40    |           |
| do.....               | 12 months salary as Light-keeper..... | \$345 64 |           |
| Receiver-General..... | do superannuation tax.....            | 4 36     |           |
|                       |                                       | 350 00   | 513 11    |
|                       | <i>Louisburg.</i>                     |          |           |
| P. O. Toole.....      | Repairs.....                          | 26 14    |           |
| J. Hogan & Sons.....  | Cement.....                           | 4 15     |           |
| L. Kavanagh.....      | Labor on supplies.....                | 3 00     |           |
| do.....               | 12 months salary as Light-keeper..... | \$455 71 |           |
| Receiver-General..... | do superannuation tax.....            | 4 29     |           |
|                       |                                       | 460 00   | 493 29    |
|                       | <i>Low Point.</i>                     |          |           |
| John G. Peters.....   | Hauling supplies.....                 | 2 00     |           |
| do.....               | 12 months salary as Light-keeper..... | \$154 28 |           |
| Receiver-General..... | do superannuation tax.....            | 5 72     |           |
|                       |                                       | 460 00   | 462 00    |
|                       | <i>Lunenburg.</i>                     |          |           |
| Joseph Moreash.....   | Repairing building.....               | 167 84   |           |
| John A. Ernst.....    | 12 months salary as Light-keeper..... | \$296 28 |           |
| Receiver-General..... | do superannuation tax.....            | 3 72     |           |
|                       |                                       | 300 00   | 467 84    |
|                       | <i>La Have.</i>                       |          |           |
| W. H. Palmer.....     | Painting lantern.....                 | 6 00     |           |
| do.....               | 12 months salary as Light-keeper..... | \$197 52 |           |
| Receiver-General..... | do superannuation tax.....            | 2 48     |           |
|                       |                                       | 200 00   | 206 00    |
|                       | <i>Little Narrows.</i>                |          |           |
| John Ferguson.....    | Freight and labour on supplies.....   | 4 00     |           |
| do.....               | 12 months salary as Light-keeper..... | \$118 52 |           |
| Receiver-General..... | do superannuation tax.....            | 1 48     |           |
|                       |                                       | 120 00   | 124 00    |
|                       | <i>Main-à-Dieu.</i>                   |          |           |
| J. Hogan & Sons.....  | Lumber.....                           | 4 80     |           |
| James Burke.....      | Hauling stores.....                   | 6 00     |           |
| do.....               | 12 months salary as Light-keeper..... | \$296 28 |           |
| Receiver-General..... | do superannuation.....                | 3 72     |           |
|                       |                                       | 300 00   | 310 80    |
|                       | <i>Margaretsville.</i>                |          |           |
| John White.....       | Stove and pipe.....                   | 10 60    |           |
| Macdonald & Co.....   | Ventilator cowl.....                  | 26 03    |           |
| Wm. Early.....        | Services as watchman.....             | 12 00    |           |
| do.....               | Repairs and painting.....             | 12 25    |           |
| do.....               | 12 months salary as Light-keeper..... | \$227 12 |           |
| Receiver-General..... | do superannuation tax.....            | 2 88     |           |
|                       |                                       | 230 00   | 230 88    |
|                       | Carried forward.....                  |          | 97,496 53 |



**STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—Continued.**

|                               |  | \$ cts.  | \$ cts.    |
|-------------------------------|--|----------|------------|
| Brought forward.....          |  |          | 97,496 73  |
| <b>LIGHTHOUSES—Continued.</b> |  |          |            |
| <i>Margaret's Bay.</i>        |  |          |            |
| Macdonald & Co.....           | Repairing lamps.....                             | 14 20    |            |
| Albert Pearl.....             | Skids, hauling supplies.....                     | 9 06     |            |
| do .....                      | 12 months salary as Light-keeper.....            | \$193 76 |            |
| Receiver-General.....         | do superannuation tax.....                       | 6 24     |            |
|                               |  | 500 00   |            |
| <i>Margaree.</i>              |  |          |            |
|                               |  |          | 523 26     |
| Richard Abbott.....           | Blocks.....                                      | 4 50     |            |
| McDonald & Westaway...        | Freight on lantern.....                          | 70 00    |            |
| J. Bowser.....                | Erecting new lantern.....                        | 665 70   |            |
| J. Hogan & Sons.....          | Lumber, shingles, etc.....                       | 203 34   |            |
| Geo. E. Smith & Co.....       | Nails, spikes, canvas, lead, paints and oil..... | 164 73   |            |
| Mackintosh & McInnes...       | Timber.....                                      | 53 55    |            |
| R. A. Guildford.....          | Conveyance of carpenters.....                    | 10 95    |            |
| Farquhar & McRae.....         | Labour and board of carpenters.....              | 231 21   |            |
| do .....                      | 12 months salary as Light-keeper.....            | \$395 00 |            |
| Receiver-General.....         | do superannuation tax.....                       | 5 00     |            |
|                               |  | 400 00   |            |
| <i>Mahone Bay.</i>            |  |          |            |
|                               |  |          | 1,803 98   |
| Abram Zinck.....              | Repairs and painting.....                        | 27 00    |            |
| do .....                      | Repairing boat and boat house.....               | 9 00     |            |
| do .....                      | 12 months salary as Light-keeper.....            | \$296 28 |            |
| Receiver-General.....         | do superannuation tax.....                       | 3 72     |            |
|                               |  | 300 00   |            |
| <i>McKenzie's Point.</i>      |  |          |            |
|                               |  |          | 336 00     |
| D. J. McKay.....              | Trucking supplies.....                           | 2 00     |            |
| do .....                      | 12 months salary as keeper.....                  | \$158 00 |            |
| Receiver-General.....         | do superannuation tax.....                       | 2 00     |            |
|                               |  | 160 00   |            |
| <i>Meagher's Beach.</i>       |  |          |            |
|                               |  |          | 162 00     |
| John White.....               | Stove and pipe.....                              | 5 00     |            |
| Theakston & Angwin ...        | Bolts and spikes.....                            | 13 18    |            |
| Macdonald & Co.....           | Repairing fog-bell machinery.....                | 54 10    |            |
| do .....                      | Bolts for repairing breakwater.....              | 51 60    |            |
| J. Hogan & Sons.....          | Timber.....                                      | 7 69     |            |
| John Smith.....               | 20 cords of wood, at \$4.75.....                 | 95 00    |            |
| Edw. Horn.....                | Board of mechanics.....                          | 2 00     |            |
| do .....                      | Repairing dwelling.....                          | 14 60    |            |
| do .....                      | do breakwater.....                               | 227 00   |            |
| do .....                      | Ballasting do.....                               | 5 50     |            |
| do .....                      | 12 months salary as Light-keeper.....            | \$495 00 |            |
| Receiver-General.....         | do superannuation.....                           | 5 00     |            |
|                               |  | 500 00   |            |
| <i>Moser's Island.</i>        |  |          |            |
|                               |  |          | 975 67     |
| Henry Moser.....              | 12 months salary as Light-keeper.....            | \$444 40 |            |
| Receiver-General.....         | do superannuation tax.....                       | 5 60     |            |
|                               |  | 450 00   |            |
| <i>Mullin's Point.</i>        |  |          |            |
|                               |  |          | 210 33     |
| M. Mullins.....               | Truckage of supplies.....                        | 2 00     |            |
| do .....                      | 12 months salary as Light-keeper.....            | \$205 75 |            |
| Receiver-General.....         | do superannuation.....                           | 2 58     |            |
|                               |  | 208 33   |            |
| Carried forward.....          |  |          | 101,957 77 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

|                               |                                       | \$    | cts.   | \$      | cts.       |
|-------------------------------|---------------------------------------|-------|--------|---------|------------|
| Brought forward.....          |                                       |       |        | 101,957 | 77         |
| <b>LIGHTHOUSES—Continued.</b> |                                       |       |        |         |            |
| <i>Meteghan.</i>              |                                       |       |        |         |            |
| James Cossman.....            | Inspecting removal.....               |       | 3 00   |         |            |
| L. C. Comeau.....             | Ventilator.....                       |       | 2 50   |         |            |
| do.....                       | Removing Lighthouse.....              |       | 40 00  |         |            |
| do.....                       | 12 months salary as Light-keeper..... |       | 100 00 |         |            |
|                               |                                       |       |        |         | 145 50     |
| <i>Margaree Harbour.</i>      |                                       |       |        |         |            |
| John McFarlane.....           | Salary.....                           |       |        |         | 60 00      |
| <i>Negro Island.</i>          |                                       |       |        |         |            |
| James McKinnon.....           | Building landing slip.....            |       | 104 81 |         |            |
| do.....                       | 12 months salary as Light-keeper..... | \$197 | 52     |         |            |
| Receiver-General.....         | do superannuation tax.....            |       | 2 48   |         |            |
|                               |                                       |       |        | 200 00  |            |
| Macdonald & Co.....           | Repairing lamps and machinery.....    |       | 29 80  |         |            |
|                               |                                       |       |        |         | 334 61     |
| <i>North Canso.</i>           |                                       |       |        |         |            |
| John Murphy.....              | Repairs and painting.....             |       | 40 11  |         |            |
| Robie McKay.....              | 12 months salary as Light-keeper..... | \$345 | 00     |         |            |
| Receiver-General.....         | do superannuation tax.....            |       | 5 00   |         |            |
|                               |                                       |       |        | 350 00  |            |
|                               |                                       |       |        |         | 390 11     |
| <i>Ouetique Island.</i>       |                                       |       |        |         |            |
| Macdonald & Co.....           | Repairing lamps and reflectors.....   |       | 6 85   |         |            |
| Cyril Sampson.....            | Ladder, paint, etc.....               |       | 4 26   |         |            |
| do.....                       | 12 months salary as Light-keeper..... | \$345 | 64     |         |            |
| Receiver-General.....         | do superannuation tax.....            |       | 4 36   |         |            |
|                               |                                       |       |        | 350 00  |            |
|                               |                                       |       |        |         | 361 11     |
| <i>Pease's Island.</i>        |                                       |       |        |         |            |
| J. E. M. Taylor.....          | Ruby glass.....                       |       | 16 00  |         |            |
| Thos. Baker.....              | Painting.....                         |       | 12 00  |         |            |
| do.....                       | 12 months salary as Light-keeper..... | \$320 | 95     |         |            |
| Receiver-General.....         | do superannuation tax.....            |       | 4 05   |         |            |
|                               |                                       |       |        | 325 00  |            |
|                               |                                       |       |        |         | 353 00     |
| <i>Parrsboro'.</i>            |                                       |       |        |         |            |
| W. J. Gibson.....             | Tinsmiths' work.....                  |       | 17 35  |         |            |
| J. H. Newcomb.....            | Repairs.....                          |       | 81 09  |         |            |
| do.....                       | 12 months salary as Light-keeper..... | \$335 | 76     |         |            |
| Receiver-General.....         | do superannuation tax.....            |       | 4 24   |         |            |
|                               |                                       |       |        | 340 00  |            |
|                               |                                       |       |        |         | 438 44     |
| <i>Peggy's Point.</i>         |                                       |       |        |         |            |
| George Swinehammer....        | 12 months salary as Light-keeper..... |       |        |         | 350 00     |
| <i>Pictou.</i>                |                                       |       |        |         |            |
| Wallace Graham.....           | Professional services.....            |       | 11 00  |         |            |
| Wm. Ross.....                 | Boat, sails and repairs.....          |       | 62 35  |         |            |
| do.....                       | 12 months salary as Light-keeper..... |       | 400 00 |         |            |
|                               |                                       |       |        |         | 473 35     |
| Carried forward.....          |                                       |       |        |         | 101,863 89 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

|                               |  | \$ cts.  | \$ cts.    |
|-------------------------------|--|----------|------------|
|                               | Brought forward.....                   |          | 104,863 89 |
| <b>LIGHTHOUSES—Continued.</b> |  |          |            |
| <i>Pictou Island.</i>         |  |          |            |
| James W. Hogg.....            | Repairs.....                           | 2 00     |            |
| do .....                      | 12 months salary as Light-keeper.....  | \$395 00 |            |
| Receiver-General.....         | do superannuation tax .....            | 5 00     |            |
|                               |  | 400 00   | 402 00     |
| <i>Pictou Custom House.</i>   |  |          |            |
| Watson & Myers.....           | Chimneys.....                          | 4 50     |            |
| Piston Gas Works.....         | Gas, 1 year.....                       | 150 00   |            |
| Geo. McLeod.....              | 12 months salary as Light-keeper.....  | 75 00    |            |
|                               |  | 229 50   |            |
| <i>Pomket Island.</i>         |  |          |            |
| C. A. Chisholm.....           | 12 months salary as Light-keeper.....  | 345 64   |            |
| Receiver-General.....         | do superannuation tax .....            | 4 36     |            |
|                               |  | 350 00   |            |
| <i>Point Tupper.</i>          |  |          |            |
| James McDonald .....          | 12 months salary as Light-keeper ..... | 246 88   |            |
| Receiver-General.....         | do superannuation tax.....             | 3 12     |            |
|                               |  | 250 00   |            |
| <i>Port Hood.</i>             |  |          |            |
| J. A. McDonald .....          | Erecting oil store.....                | 36 30    |            |
| do .....                      | 12 months salary as Light-keeper.....  | \$276 52 |            |
| Receiver-General.....         | do superannuation tax.....             | 3 48     |            |
|                               |  | 280 00   | 316 30     |
| <i>Port L'Ebert.</i>          |  |          |            |
| Herny Watt.....               | Addition to dwelling .....             | 215 33   |            |
| J. Dempster & Co. ....        | Building material.....                 | 112 18   |            |
| Anderson & Bell.....          | Lime and cement.....                   | 16 23    |            |
| John Farquhar.....            | Mason work.....                        | 51 67    |            |
| J. Sabeau.....                | Freight, lumber, etc.....              | 15 05    |            |
| G. O. Smith.....              | Nails, glass, powder and lead .....    | 35 24    |            |
| J. Hogan & Sons.....          | Lime, cement and brick.....            | 49 65    |            |
| Mackintosh & McInnis....      | Shingles.....                          | 78 00    |            |
| Watson Burgess .....          | Mason work.....                        | 19 50    |            |
| J. H. McDonald .....          | Labour, board of mechanics .....       | 36 12    |            |
| do .....                      | 12 months salary as Light-keeper.....  | \$148 12 |            |
| Receiver-General.....         | do superannuation tax.....             | 1 88     |            |
|                               |  | 150 00   | 778 97     |
| <i>Port Medway.</i>           |  |          |            |
| Elson Perry .....             | 12 months salary as Light-keeper.....  | 256 76   |            |
| Receiver-General.....         | do superannuation tax .....            | 3 24     |            |
|                               |  | 260 00   |            |
| <i>Port Mouton.</i>           |  |          |            |
| Robert J. Smith .....         | Repairs, building oil store.....       | 74 66    |            |
| do .....                      | 12 months salary as Light-keeper ..... | \$296 28 |            |
| Receiver-General.....         | do superannuation tax.....             | 3 72     |            |
|                               |  | 300 00   | 374 66     |
|                               | Carried forward.....                   |          | 107,825 32 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

|                               |  | \$    | cts.     | \$      | cts.       |
|-------------------------------|--|-------|----------|---------|------------|
|                               | Brought forward.....                     |       |          | 107,825 | 32         |
| <b>LIGHTHOUSES—Continued.</b> |  |       |          |         |            |
| <i>Port Williams.</i>         |  |       |          |         |            |
| Macdonald & Co.....           | Iron cowl.....                           |       | 8 20     |         |            |
| James M. Dunn.....            | Erecting oil store.....                  |       | 25 50    |         |            |
| do .....                      | 12 months salary as Light-keeper.....    | \$256 | 76       |         |            |
| Receiver-General .....        | do superannuation tax.....               | 3     | 24       |         |            |
|                               |  |       | 260 00   |         | 293 70     |
| <i>Pubnico.</i>               |  |       |          |         |            |
| Maturin Amero.....            | 12 months salary as Light-keeper.....    |       | 237 00   |         |            |
| Receiver-General .....        | do superannuation tax.....               |       | 3 00     |         |            |
|                               |  |       |          |         | 240 00     |
| <i>Pugwash.</i>               |  |       |          |         |            |
| Angus Beaton .....            | Repairing water tank.....                |       | 8 20     |         |            |
| do .....                      | 12 months salary as Light-keeper.....    | \$296 | 28       |         |            |
| Receiver-General .....        | do superannuation tax.....               | 3     | 72       |         |            |
|                               |  |       | 300 00   |         | 308 20     |
| <i>Point Aconi.</i>           |  |       |          |         |            |
| George Bonner .....           | Trucking supplies and clearing road..... |       | 10 42    |         |            |
| do .....                      | 12 months salary as Light-keeper.....    | \$148 | 12       |         |            |
| Receiver-General .....        | do superannuation tax.....               | 1     | 88       |         |            |
|                               |  |       | 150 00   |         | 160 42     |
| <i>Petit de Grat.</i>         |  |       |          |         |            |
| John McAskeff.....            | Repairs.....                             |       | 8 62     |         |            |
| D. C. Bouchie .....           | 12 months salary as Light-keeper.....    |       | 200 00   |         |            |
|                               |  |       |          |         | 208 62     |
| <i>Pope's Harbour.</i>        |  |       |          |         |            |
| James Bollong.....            | Repairs and painting.....                |       | 22 00    |         |            |
| do .....                      | 12 months salary as Light-keeper.....    | \$296 | 28       |         |            |
| Receiver-General .....        | do superannuation tax.....               | 3     | 72       |         |            |
|                               |  |       | 300 00   |         | 322 00     |
| <i>Quaker's Island.</i>       |  |       |          |         |            |
| Charles Neal.....             | Travelling expenses.....                 |       | 19 50    |         |            |
| Wm. Whalen .....              | 12 months salary as Light-keeper.....    |       | 215 76   |         |            |
|                               |  |       |          |         | 235 26     |
| <i>Sambro.</i>                |  |       |          |         |            |
| John Smith.....               | 30 cords of wood, at \$5.50.....         |       | 165 00   |         |            |
| O. E. Creighton .....         | 1,018 gallons of oil, at 25c.....        |       | 254 50   |         |            |
| do .....                      | Truckage do.....                         |       | 1 41     |         |            |
| G. E. Smith & Co.....         | Nails.....                               |       | 1 00     |         |            |
| Michael Walsh.....            | Repairing dwelling.....                  |       | 72 00    |         |            |
| Theakston & Angwin .....      | Spikes, paint, etc.....                  |       | 6 90     |         |            |
| James Fleming .....           | Freight on oil.....                      |       | 10 00    |         |            |
| R. H. Cogswell.....           | Repairing alarm clock.....               |       | 2 50     |         |            |
| R. A. Abbott.....             | Blocks and sheaves.....                  |       | 4 50     |         |            |
| Alfred Gilkie.....            | 12 months salary as Light-keeper.....    | \$995 | 00       |         |            |
| Receiver-General .....        | do superannuation tax.....               | 5     | 00       |         |            |
|                               |  |       | 1,000 00 |         | 1,517 81   |
|                               | Carried forward.....                     |       |          |         | 111,111 33 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc, in Nova Scotia, etc.—*Continued.*

|  |  | \$ cts.  | \$ cts.    |
|--|--|----------|------------|
| Brought forward.....   |  |          | 111,111 33 |
| <b>LIGHTHOUSES—Continued.</b>                                |  |          |            |
| <i>Sand Point.</i>   |  |          |            |
| Joseph Mundell.....  | 12 months salary as Light-keeper .....   | 395 00   |            |
| Receiver-General .....                                       | do superannuation tax .....              | 5 00     |            |
|  |  |          | 400 00     |
| <i>Scatterie.</i>  |  |          |            |
| James W. Brown .....   | Boat .....                               | 20 00    |            |
| do .....   | Repairing store and boat house.....      | 33 85    |            |
| do .....   | 12 months salary as Light-keeper.....    | \$493 76 |            |
| Receiver-General .....                                       | do superannuation tax.....               | 6 24     |            |
|  |  |          | 500 00     |
|  |  |          | 553 85     |
| <i>Seal Island.</i>  |  |          |            |
| Spinney, Eakins & Co...<br>Kenney-Healey Manuf'g<br>Co ..... | Lead, nails and tacks.....               | 15 45    |            |
| Henry Watt .....   | Boards and plank.....                    | 45 67    |            |
| Western Counties R'y....                                     | Repairs .....                            | 178 40   |            |
| Angus Crowell .....  | Conveyance of carpenters.....            | 26 00    |            |
| T. O. Ryer .....   | do .....                                 | 15 00    |            |
| Merchants Bank .....   | Board and conveyance of carpenters ..... | 17 00    |            |
| John Tobin & Co.....   | Freight on lumber .....                  | 12 00    |            |
| Corning Crowell .....  | Board of carpenters.....                 | 50 00    |            |
| Receiver-General .....                                       | 12 months salary as Light-keeper.....    | \$793 76 |            |
|  | do superannuation tax .....              | 6 24     |            |
|  |  |          | 800 00     |
|  |  |          | 1,159 52   |
| <i>Stoddard's Island.</i>                                    |  |          |            |
| A. M. Wrayton .....  | 12 months salary as Light-keeper.....    | 148 12   |            |
| Receiver-General .....                                       | do superannuation tax.....               | 1 88     |            |
|  |  |          | 200 00     |
| <i>Shelburne.</i>  |  |          |            |
| Francis Demings.....   | Labour at landing .....                  | 10 50    |            |
| do .....   | 12 months salary as Light-keeper.....    | \$395 88 |            |
| Receiver-General .....                                       | do s. pe. annuation tax.....             | 5 00     |            |
|  |  |          | 400 00     |
|  |  |          | 410 50     |
| <i>Shelburne Harbour.</i>                                    |  |          |            |
| Edw. Goodick.....  | Boat, hauling stone, and rope.....       | 22 42    |            |
| do .....   | 12 months salary as Light-keeper.....    | \$246 88 |            |
| Receiver-General.....  | do superannuation tax.....               | 3 12     |            |
|  |  |          | 250 00     |
|  |  |          | 272 42     |
| <i>Spencer's Point.</i>                                      |  |          |            |
| D. W. Kent.....  | Freight and cartage of supplies.....     | 4 42     |            |
| R. A. Spencer .....  | 12 months salary as Light-keeper.....    | 125 00   |            |
|  |  |          | 129 42     |
| <i>St. Ann's.</i>  |  |          |            |
| John Flemming .....  | Oars .....                               | 3 60     |            |
| do .....   | 12 months salary as Light-keeper.....    | \$138 24 |            |
| Receiver-General .....                                       | do superannuation tax.....               | 1 76     |            |
|  |  |          | 140 00     |
|  |  |          | 143 60     |
| Carried forward .....  |  |          | 114,330 64 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.— *Continued.*

|                               |  | \$    | cts. | \$      | cts. |
|-------------------------------|--|-------|------|---------|------|
|                               | Brought forward .....                      |       |      | 114,330 | 64   |
| <b>LIGHTHOUSES—Continued.</b> |  |       |      |         |      |
| <i>St. Paul's.</i>            |  |       |      |         |      |
| Geo. C. Smith & Co .....      | Rope, nails, iron, etc.....                |       |      | 101     | 21   |
| <i>Sheet Harbour.</i>         |  |       |      |         |      |
| Wm. Chisholm .....            | Dea's and flooring .....                   | 35    | 41   |         |      |
| J. Hogan & Sons .....         | Bricks .....                               | 5     | 00   |         |      |
| G. C. Smith & Co.....         | Iron, powder and nails .....               | 32    | 14   |         |      |
| D. H. Potts.....              | Logs for landing .....                     | 15    | 00   |         |      |
| Theakston & Angwin.....       | Rope.....                                  | 5     | 85   |         |      |
| John White.....               | Stove and pipes.....                       | 6     | 50   |         |      |
| John Perry .....              | Repairing boat, iron work and labour ..... | 13    | 81   |         |      |
| do .....                      | 12 months salary as Light-keeper.....      | \$495 | 00   |         |      |
| Receiver-General.....         | do superannuation tax.....                 | 5     | 00   |         |      |
|                               |  | 500   | 00   | 613     | 71   |
| <i>Sydney Bar.</i>            |  |       |      |         |      |
| George Nunn .....             | Repairs .....                              | 28    | 47   |         |      |
| do .....                      | 12 months salary as Light-keeper.....      | \$246 | 88   |         |      |
| Receiver-General .....        | do superannuation tax.....                 | 3     | 12   |         |      |
|                               |  | 250   | 00   | 278     | 47   |
| <i>Sissiloo.</i>              |  |       |      |         |      |
| B. Amero .....                | Repairing lamps.....                       | 4     | 20   |         |      |
| do .....                      | 12 months salary as Light-keeper.....      | \$197 | 52   |         |      |
| Receiver-General .....        | do superannuation tax.....                 | 2     | 48   |         |      |
|                               |  | 200   | 00   | 204     | 20   |
| <i>Sable Island.</i>          |  |       |      |         |      |
| Geo. C. Smith & Co .....      | Blind cord .....                           | 1     | 40   |         |      |
| C. E. Creighton & Co.....     | 1,026½ gallons oil, at 25c.....            | 256   | 63   |         |      |
| do .....                      | Truckage .....                             | 1     | 00   |         |      |
| Macdonald & Co.....           | Bucket, and repairing lamp.....            | 15    | 10   |         |      |
| C. E. Creighton & Co.....     | 523 gallons oil, at 25c.....               | 130   | 75   |         |      |
| do .....                      | Truckage .....                             | 0     | 18   |         |      |
|                               |  | 405   | 06   |         |      |
| <i>St. Esprit.</i>            |  |       |      |         |      |
| Theakston & Angwin .....      | Nails, spikes and hinges .....             | 5     | 97   |         |      |
| John Hogan & Sons.....        | Lumber for boat shed.....                  | 44    | 54   |         |      |
| Macdonald & Co.....           | Repairing silver burners .....             | 4     | 35   |         |      |
| Angus McLeod.....             | Freight on lumber.....                     | 20    | 00   |         |      |
| do .....                      | 12 months salary as Light-keeper.....      | \$395 | 00   |         |      |
| Receiver-General .....        | do superannuation tax.....                 | 5     | 00   |         |      |
|                               |  | 400   | 00   | 474     | 86   |
| <i>Tor Bay.</i>               |  |       |      |         |      |
| Macdonald & Co.....           | Repairing lamps .....                      | 8     | 85   |         |      |
| Dennis Gerroir.....           | 12 months salary as Light-keeper.....      | \$246 | 88   |         |      |
| Receiver-General.....         | do superannuation tax.....                 | 3     | 12   |         |      |
|                               |  | 250   | 00   | 258     | 85   |
|                               | Carried forward.....                       |       |      | 116,667 | 00   |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—Continued.

|                               |  | \$    | cts. | \$      | cts. |
|-------------------------------|--|-------|------|---------|------|
| Brought forward.....          |  |       |      | 116,667 | 00   |
| <b>LIGHTHOUSES—Continued.</b> |  |       |      |         |      |
| <i>Three Top Island.</i>      |  |       |      |         |      |
| Thos. H. Hadley .....         | Repairs .....                                  | 454   | 19   |         |      |
| W. L. Munroe .....            | Board of carpenters. ....                      | 59    | 50   |         |      |
| do .....                      | 12 months salary as Light-keeper.....          | \$296 | 28   |         |      |
| Receiver-General. ....        | do superannuation tax .....                    | 3     | 72   |         |      |
|                               |  | <hr/> |      | 300     | 00   |
|                               |  |       |      | 613     | 69   |
| <i>Wolton Harbour.</i>        |  |       |      |         |      |
| A. McN. Parker.....           | Painting and teaming supplies. ....            | 7     | 75   |         |      |
| do .....                      | 12 months salary as Light-keeper.....          | 125   | 00   |         |      |
|                               |  | <hr/> |      |         |      |
|                               |  |       |      | 132     | 75   |
| <i>Westport.</i>              |  |       |      |         |      |
| R. D. Sutherland.....         | Repairs .....                                  | 38    | 50   |         |      |
| do .....                      | 12 months salary as Light keeper.....          | \$296 | 28   |         |      |
| Receiver-General .....        | do superannuation tax .....                    | 3     | 72   |         |      |
|                               |  | <hr/> |      | 300     | 00   |
|                               |  |       |      | 338     | 50   |
| <i>Whitehead.</i>             |  |       |      |         |      |
| Theakston & Angwin .....      | Nails.....                                     | 2     | 20   |         |      |
| John Hogan & Sons.....        | Lumber and shingles.....                       | 21    | 99   |         |      |
| Thos. H. Hadley .....         | Repairs .....                                  | 42    | 50   |         |      |
| Macdonald & Co.....           | Repairing machinery, lamps and fountains.....  | 75    | 25   |         |      |
| James P. Dillon.....          | Board of carpenters and repairing landing..... | 76    | 06   |         |      |
| do .....                      | Labour on oil, etc.....                        | 3     | 70   |         |      |
| do .....                      | 12 months salary as Light-keeper.....          | \$503 | 64   |         |      |
| Receiver-General.....         | do superannuation tax .....                    | 6     | 38   |         |      |
|                               |  | <hr/> |      | 510     | 00   |
|                               |  |       |      | 731     | 70   |
| <i>Wedge Island,</i>          |  |       |      |         |      |
| Theakston & Angwin.....       | Zinc, nails, etc.....                          | 7     | 50   |         |      |
| J. E. M. Taylor.....          | Ruby glass.....                                | 10    | 40   |         |      |
| John Hogan & Sons.....        | Lumber.....                                    | 3     | 82   |         |      |
| Macdonald & Co.....           | Repairing burners.....                         | 2     | 50   |         |      |
| Edward Burns.....             | Repairs.....                                   | 15    | 89   |         |      |
| do .....                      | Boat .....                                     | 25    | 00   |         |      |
| do .....                      | 12 months salary as Light-keeper .....         | \$395 | 00   |         |      |
| Receiver-General .....        | do superannuation tax .....                    | 5     | 00   |         |      |
|                               |  | <hr/> |      | 400     | 00   |
|                               |  |       |      | 465     | 11   |
| <i>Westhaven Island.</i>      |  |       |      |         |      |
| Edward Strum.....             | Brushes, stair rail and lamp stand.....        | 12    | 00   |         |      |
| do .....                      | 12 months salary as Light-keeper.....          | 300   | 00   |         |      |
|                               |  | <hr/> |      |         |      |
|                               |  |       |      | 312     | 00   |
| <i>Yarmouth.</i>              |  |       |      |         |      |
| Parker, Eakins & Co .....     | Duck, shingles, paint and oil .....            | 8     | 23   |         |      |
| C. D. Allen.....              | Iron pipe and chimney top .....                | 16    | 75   |         |      |
| W. H. Kenney.....             | Repairs.....                                   | 93    | 60   |         |      |
| John Porter .....             | Hauling stores.....                            | 2     | 50   |         |      |
| G. J. Morton .....            | Stove pipes and chimneys .....                 | 4     | 49   |         |      |
| J. H. Doane.....              | 12 months salary as Light-keeper.....          | \$784 | 00   |         |      |
| Receiver-General.....         | do superannuation tax.....                     | 16    | 00   |         |      |
|                               |  | <hr/> |      | 800     | 00   |
|                               |  |       |      | 925     | 57   |
| Carried forward.....          |  |       |      | 120,386 | 32   |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

|                                |   | \$ cts.  | \$ cts.    |
|--------------------------------|---|----------|------------|
|                                | Brought forward.....  |          | 120,386 32 |
| LIGHTHOUSES— <i>Concluded.</i> |   |          |            |
| <i>Yarmouth Harbour.</i>       |   |          |            |
| W. H. Keuney .....             | Repairs.....  | 48 18    |            |
| Burrell, Johnson & Co. ....    | Stove .....   | 17 60    |            |
| Joshua Doane .....             | Barrels, kegs and painting .....                                    | 11 50    |            |
| do .....                       | 12 months salary as Light-keeper.....                               | \$345 64 |            |
| Receiver-General.....          | do superannuation tax.....  | 4 36     |            |
|                                |   | 350 00   | 427 28     |
| HUMANE ESTABLISHMENTS.         |   |          |            |
| <i>Mud Island.</i>             |   |          |            |
| J. R. Kenny .....              | Government allowance to 30th June, 1883.....                        |          | 80 00      |
| <i>Seal Island.</i>            |   |          |            |
| Wm. Robertson. ....            | Government allowance to 30th June, 1883.....                        |          | 120 00     |
| <i>St. Paul's.</i>             |   |          |            |
| Theakston & Angwin.....        | Shovels, nails, iron, rope, etc.....                                | 131 28   |            |
| Lordly & Stimpson.....         | Provisions.....   | 81 36    |            |
| Archibald & Co. ....           | Hay, oats, plank, saddlery, etc.....                                | 151 52   |            |
| do .....                       | Conveyance of despatches .....                                      | 25 00    |            |
| John White.....                | Stoves, grates and castings.....                                    | 51 00    |            |
| J. Hogan & Sons.....           | Lumber, shingles and sand.....                                      | 77 58    |            |
| John Taylor.....               | Box cart.....   | 45 00    |            |
| S. C. Campbell .....           | 12 months salary as Light-keeper.....                               | \$588 00 |            |
| Receiver-General.....          | do superannuation tax.....  | 12 00    |            |
|                                |   | 600 00   |            |
| S. C. Campbell. ....           | Paid salaries of boatmen .....                                      | 1,250 00 | 2,412 74   |
| <i>Sable Island.</i>           |   |          |            |
| A. & W. Mackenlay.....         | School books .....  | 9 23     |            |
| D. M. Browne.....              | Conveyance of men.....  | 2 10     |            |
| Burns & Murray.....            | Empty bags.....   | 11 00    |            |
| N. & M. Smith .....            | Barrels.....  | 25 00    |            |
| Theakston & Angwin.....        | Nails, shovels, rope, cork jackets, saddle, bridle and brushes..... | 79 62    |            |
| Lordly & Stimpson.....         | Provisions.....   | 1,169 61 |            |
| R. A. Nesbet.....              | Medicines .....   | 17 20    |            |
| J. Hogan & Sons.....           | Lumber and shingles .....   | 33 00    |            |
| W. E. Hyde.....                | Oats .....  | 68 00    |            |
| John White.....                | Stoves and tinware.....   | 44 10    |            |
| G. E. Smith & Co.....          | Rope, lantern, oil, etc .....                                       | 49 79    |            |
| D. Murray, jun. ....           | Travelling expenses.....  | 16 50    |            |
| Island Staff.....              | Paid wages of staff.....  | 3,408 72 |            |
| Receiver-General .....         | Superannuation tax on Superintendent's salary .....                 | 5 51     |            |
|                                |   |          | 4,939 38   |
|                                |   |          | 128,365 72 |



STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., Nova Scotia, etc.—*Continued.*

|                           |   | \$  | cts. | \$    | cts. |
|---------------------------|---|-----|------|-------|------|
| <b>BUOYS AND BEACONS.</b> |   |     |      |       |      |
| <i>Arichat.</i>           |   |     |      |       |      |
| Henry Donovan.....        | Amount of contract—1 year .....   |     |      | 270   | 00   |
| <i>Bras d'Or.</i>         |   |     |      |       |      |
| Rory McNeil.....          | New buoy .....  | 1   | 00   |       |      |
| do .....                  | Boat hire and labour laying Big Beach buoy and moorings .....   | 8   | 00   |       |      |
| do .....                  | Boat hire and labour lifting Big Beach buoy and moorings .....  | 8   | 00   |       |      |
| do .....                  | Spar brig, boat hire, and labour laying Kelly's shoal buoy and moorings.....                          | 8   | 00   |       |      |
| F. Dunlop.....            | Hire of schooner and laying Little Island buoy and moorings.....                                      | 12  | 00   |       |      |
| do .....                  | Iron work, \$10.90; buoy, \$8 75.....   | 19  | 65   |       |      |
| do .....                  | Mooring stone, \$6; paint and oil, \$6.30.....  | 12  | 30   |       |      |
| do .....                  | Hire of schooner and landing buoys and moorings from Little Island, Lime Rock and Carey's shoals..... | 44  | 00   |       |      |
| do .....                  | Placing buoys and moorings on Little Island, Lime Rock and Carey's shoals.....                        | 56  | 00   |       |      |
| do .....                  | Painting, \$2; paint and oil, \$6.10.....   | 8   | 10   |       |      |
| do .....                  | Iron work, \$4; stone, \$16.....  | 10  | 00   |       |      |
| Arch. Smith.....          | Laying and taking up Smith's shoal buoy and moorings .....  | 11  | 00   |       |      |
|                           |   |     |      | 198   | 05   |
| <i>Barrington.</i>        |   |     |      |       |      |
| Andrew Malone.....        | Spar for buoys .....  | 6   | 50   |       |      |
| do .....                  | Iron work, \$2.56; stones, sinking, etc., \$17.....   | 19  | 56   |       |      |
| do .....                  | Paint and oil, \$6.97; towing buoys, \$2.....   | 8   | 97   |       |      |
| Andrew Malone.....        | Stone, and boat hire.....   | 10  | 00   |       |      |
| do .....                  | Horse hire, 80c.; labour, \$36.....   | 36  | 80   |       |      |
| do .....                  | Boat hire.....  | 2   | 00   |       |      |
| Thomas Robertson.....     | Salvage on Cross Ledge buoy .....   | 10  | 00   |       |      |
| J. E. Irish.....          | Labour lifting buoys and moorings.....  | 71  | 00   |       |      |
| do .....                  | Mooring stone, \$4; paint and oil, \$1.75.....  | 5   | 75   |       |      |
| do .....                  | Salvage on buoy, \$2; hire of schooner, \$12.....   | 14  | 00   |       |      |
| do .....                  | Freight on chain, 75c.; iron work, \$11.21.....   | 11  | 96   |       |      |
| Reuben Smith.....         | Freight on 8 buoys.....   | 8   | 00   |       |      |
| E. Newell .....           | Labour cleaning, painting and laying buoys.....   | 59  | 50   |       |      |
| do .....                  | Iron work, \$2.70; hire of schooner and boat, \$16.25.....  | 19  | 95   |       |      |
| do .....                  | Freight on paint, 25c.; salvage on buoy, \$2.....   | 2   | 25   |       |      |
| William Robertson.....    | Spar buoys and moorings.....  | 15  | 00   |       |      |
| do .....                  | Making and painting buoys.....  | 6   | 50   |       |      |
| do .....                  | Iron work, \$12; scow hire and labour, \$8.50.....  | 20  | 50   |       |      |
| do .....                  | Cleaning and painting buoys .....   | 6   | 00   |       |      |
|                           |   |     |      | 333   | 24   |
| <i>Bear River.</i>        |   |     |      |       |      |
| J. E. Wear .....          | Amount of contract, 1882 .....  | 55  | 00   |       |      |
| William Hennigar.....     | Placing and mooring buoy at Victoria Bridge.....  | 60  | 96   |       |      |
|                           |   |     |      | 115   | 96   |
| <i>Canso.</i>             |   |     |      |       |      |
| Raymond Keating .....     | Buoying St. Andrew's Channel .....  | 20  | 00   |       |      |
| do .....                  | Amount of contract for one year.....  | 160 | 00   |       |      |
| do .....                  | Erecting Net Rock beacon.....   | 17  | 00   |       |      |
|                           |   |     |      | 197   | 00   |
| Carried forward.....      |   |     |      | 1,114 | 25   |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—Continued.

|                         |   | \$ cts. | \$ cts.  |
|-------------------------|---|---------|----------|
|                         | Brought forward.....  |         | 1,114 25 |
|                         | <b>BUOYS AND BEACONS—Continued.</b>   |         |          |
|                         | <i>Cheticamp.</i>   |         |          |
| Chris. AuCoin.....      | Amount of contract for 1883.....  |         | 38 00    |
|                         | <i>Chester.</i>   |         |          |
| James Moser.....        | Making and placing beacon on Martin's Point and buoys on Bella and Young's Shoal..... |         | 105 00   |
|                         | <i>Digby.</i>   |         |          |
| J. A. Hughes.....       | Picking up buoy.....  | 3 00    |          |
| do.....                 | Iron work, \$9.70; labour, \$42.....  | 51 70   |          |
| do.....                 | Cutting and drilling stone.....   | 5 25    |          |
| do.....                 | Moorings stone, and cartage.....  | 4 00    |          |
| do.....                 | Hire of vessel laying, lifting and landing buoys and moorings.....                    | 70 00   |          |
| do.....                 | Hire of blocks.....   | 2 00    |          |
| do.....                 | Labour painting and laying buoys.....   | 29 25   |          |
| do.....                 | Paint, \$2.19; wharfage, \$2.....   | 4 19    |          |
| do.....                 | Fitting spar buoys.....   | 7 00    |          |
|                         |   |         | 176 39   |
|                         | <i>Guysborough.</i>   |         |          |
| G. S. Peart.....        | Painting, laying and lifting buoys, 1883.....   |         | 20 00    |
|                         | <i>Halifax.</i>   |         |          |
| D. Waddell.....         | Services of steam lighter, raising and placing buoys.....                             | 205 00  |          |
| John White.....         | Reward for saving Portuguese Shoal buoy.....  | 10 00   |          |
| William Quinn.....      | Reporting Rock Head buoy being adrift.....  | 1 00    |          |
| James Fleming.....      | Uprighting bell buoy, Sisters.....  | 20 00   |          |
| Lawson, Harrington & Co | Lifting and replacing Mars Rock and Portuguese Head buoys and moorings.....           | 112 00  |          |
| do.....                 | Placing Rock Head buoy and moorings.....  | 73 50   |          |
| do.....                 | Replacing Commissioners buoy.....   | 14 00   |          |
| do.....                 | do bell buoy, Sisters, including raising and bringing to Halifax.....                 | 161 00  |          |
| do.....                 | Placing Point Pleasant buoy.....  | 17 50   |          |
| do.....                 | Services of tugboat.....  | 6 00    |          |
|                         |   |         | 620 00   |
|                         | <i>Joggins Bridge.</i>  |         |          |
| John A. Cossett.....    | Pulling down 3 buoys, iron work, etc.....   | 5 40    |          |
| do.....                 | Taking up buoys and moorings.....   | 2 00    |          |
| do.....                 | Labour, laying buoys, and iron work.....  | 9 00    |          |
|                         |   |         | 16 40    |
|                         | <i>Ketch Harbour.</i>   |         |          |
| Wm. Grant.....          | Anchor.....   | 13 00   |          |
| E. Mackie.....          | 4 buoys and 3 mooring stones, and placing.....  | 33 00   |          |
|                         |   |         | 46 00    |
|                         | <i>La Have.</i>   |         |          |
| Geo. H. Zwicker.....    | Painting buoys.....   | 8 00    |          |
| do.....                 | Moorings stone, \$5; teaming \$2.50.....  | 7 50    |          |
| do.....                 | Picking up buoy.....  | 1 00    |          |
| do.....                 | Boat hire and labour, laying buoys.....   | 8 50    |          |
| do.....                 | Paint and oil, \$1.40; iron work, \$3.....  | 4 40    |          |
|                         |   |         | 29 40    |
|                         | Carried forward.....  |         | 2,165 44 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., Nova Scotia, etc.—Continued.

|                              |   | \$ | cts.   | \$    | cts.   |
|------------------------------|---|----|--------|-------|--------|
|                              | Brought forward.....  |    |        | 2,165 | 44     |
| BUOYS AND BEACONS—Continued. |   |    |        |       |        |
| <i>Lunenburg.</i>            |   |    |        |       |        |
| Reuben Heisler.....          | Iron work.....  |    | 2 00   |       |        |
| do.....                      | Laying Sculpin Rock buoy.....                                 |    | 13 00  |       |        |
| do.....                      | do Haddock Shoal buoy.....                                    |    | 10 00  |       |        |
| do.....                      | Amount of contract to 31st Dec., 1883.....                    |    | 200 00 |       |        |
| Henry Lohnes.....            | Laying buoys in South Harbour.....                            |    | 30 00  |       |        |
| Henry Conrad.....            | do Back South Harbour.....                                    |    | 30 00  |       | 285 00 |
| <i>Lennox Passage.</i>       |   |    |        |       |        |
| John Peters.....             | Amount of contract for 1 year.....                            |    | 133 32 |       |        |
| L. Dilorey.....              | Freight on 6 buoys.....                                       |    | 6 00   |       |        |
| do.....                      | 6 mooring weights, and drilling.....                          |    | 18 00  |       |        |
| do.....                      | 4 posts for shoals, \$8; iron work, \$9.80.....               |    | 17 80  |       | 175 12 |
| <i>Louisburg.</i>            |   |    |        |       |        |
| P. O'Toole.....              | Raising and storing buoys, etc.....                           |    | 30 00  |       |        |
| do.....                      | Spar buoy, \$18; mooring stone, \$5.....                      |    | 23 00  |       |        |
| do.....                      | Labour, boat hire, painting and laying buoys.....             |    | 25 00  |       |        |
| do.....                      | Iron work.....  |    | 13 52  |       | 91 52  |
| <i>Little Narrows.</i>       |   |    |        |       |        |
| Duncan Ferguson.....         | Taking up and laying buoys, and moorings.....                 |    |        |       | 16 00  |
| <i>Mahone Bay.</i>           |   |    |        |       |        |
| James Mosher.....            | Raising and laying buoys and moorings for 1 year.....         |    |        |       | 200 00 |
| <i>Merigomish.</i>           |   |    |        |       |        |
| James Chisholm.....          | Amount of contract for 1 year.....                            |    |        |       | 31 33  |
| <i>Main-à-Dieu.</i>          |   |    |        |       |        |
| Peter Mullins.....           | Freight, mooring stones.....                                  |    |        |       | 3 50   |
| <i>Mabou.</i>                |   |    |        |       |        |
| Finlay Rankin.....           | Raising buoys and moorings.....                               |    |        |       | 37 13  |
| <i>North Sydney.</i>         |   |    |        |       |        |
| Geo. H. Dobson.....          | Picking up Petrie Ledge buoy, and towing to North Sydney..... |    | 15 00  |       |        |
| do.....                      | Anchor and chain, \$39.60; iron work, \$5.25.....             |    | 44 85  |       |        |
| do.....                      | Labour, laying Petrie Ledge buoy.....                         |    | 12 00  |       |        |
| do.....                      | Picking up and towing to North Sydney, South Bar buoy.....    |    | 15 00  |       |        |
| do.....                      | Anchor and chain, \$45; iron work, \$21.62.....               |    | 66 62  |       |        |
| do.....                      | Laying South Bar buoy and moorings.....                       |    | 10 00  |       |        |
| do.....                      | Paint and oil, \$11.60; rope, \$1.20.....                     |    | 12 80  |       |        |
| do.....                      | Hire of steamer taking in buoys.....                          |    | 30 00  |       |        |
| do.....                      | do placing do.....  |    | 40 00  |       |        |
| do.....                      | Labour and boat hire.....                                     |    | 67 25  |       |        |
| do.....                      | Salvage on anchor and chain.....                              |    | 10 00  |       |        |
|                              | Carried forward.....  |    |        | 3,323 | 53     |
|                              |   |    |        | 3,323 | 56     |

STATEMENT of Expenditure in conection with the Maintenance of Light-houses, Fog-Whistles, etc., Nova Scotia, etc.—Continued.

|                               |  | \$ | cts. | \$    | cts. |
|-------------------------------|--|----|------|-------|------|
|                               | ght forward.....   |    |      | 3,328 | 56   |
| BUOYS AND BEACONS—Continued.  |  |    |      |       |      |
| <i>Negro Harbour.</i>         |  |    |      |       |      |
| A. R. Greenwood .....         | 2 stones, and fitting.....                                 | 5  | 00   |       |      |
| do .....                      | Painting and replacing 9 buoys .....                       | 40 | 50   |       |      |
| do .....                      | Spar, buoys and chain.....                                 | 7  | 05   |       |      |
| do .....                      | Iron work, paint, 95c.; saving buoy, \$1.50 .....          | 2  | 45   |       |      |
| do .....                      | Spar buoy, chain, stone, and placing .....                 | 4  | 00   |       |      |
|                               |  |    |      | 59    | 00   |
| <i>Port LaTour.</i>           |  |    |      |       |      |
| Thomas Ross .....             | Amount of contract, 1 year.....                            | 29 | 00   |       |      |
| James Gordon .....            | Iron work.....   | 25 | 20   |       |      |
|                               |  |    |      | 54    | 20   |
| <i>Pubnico.</i>               |  |    |      |       |      |
| D. G. Amereau .....           | Boat hire.....   | 23 | 13   |       |      |
| do .....                      | Labour and placing .....                                   | 15 | 00   |       |      |
| do .....                      | Rope, 62c.; iron and drill, \$4.60.....                    | 5  | 22   |       |      |
| do .....                      | Oil, paint and varnish.....                                | 10 | 64   |       |      |
|                               |  |    |      | 53    | 99   |
| <i>Port Medway.</i>           |  |    |      |       |      |
| John Hutt.....                | Painting buoys .....                                       | 3  | 00   |       |      |
| do .....                      | Hire of vessel, \$10; iron work, \$16.90 .....             | 58 | 90   |       |      |
| W. Stairs, Son & Morrow ..... | Chain .....  | 20 | 36   |       |      |
|                               |  |    |      | 80    | 26   |
| <i>Parrsboro'.</i>            |  |    |      |       |      |
| Thomas Jeamur.....            | Amount of contract, ½ year.....                            |    |      | 50    | 00   |
| <i>Pugwash.</i>               |  |    |      |       |      |
| John Seamen.....              | Amount of contract.....                                    |    |      | 45    | 00   |
| <i>Pope's Harbour.</i>        |  |    |      |       |      |
| James Bollong .....           | Chain .....  |    |      | 3     | 70   |
| <i>Port Hood.</i>             |  |    |      |       |      |
| J. H. Murphy.....             | Amount of contract, 1 year .....                           |    |      | 141   | 66   |
| <i>Pictou.</i>                |  |    |      |       |      |
| L. R. Noonan.....             | Lifting and storing buoys and moorings .....               |    |      | 171   | 72   |
| <i>Port Hawkesbury.</i>       |  |    |      |       |      |
| James McDonald.....           | Raising and storing buoys and moorings .....               |    |      | 8     | 00   |
| <i>Petit de Grat.</i>         |  |    |      |       |      |
| D. Marchand .....             | Furnishing and placing 8 new spar buoys and moorings ..... | 35 | 00   |       |      |
| do .....                      | 1 cask buoy and mooring .....                              | 10 | 00   |       |      |
| do .....                      | Taking up and storing 1 cask buoy.....                     | 30 | 00   |       |      |
| do .....                      | Repairing, painting and placing 1 cask buoy.....           | 75 | 00   |       |      |
|                               |  |    |      | 150   | 00   |
|                               | Carried forward.....                                       |    |      | 4,146 | 09   |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—Continued.

|                                     |  | \$  | cts. | \$    | cts.   |
|-------------------------------------|--|-----|------|-------|--------|
|                                     | Brought forward.....   |     |      | 4,146 | 09     |
| <b>BUOYS AND BEACONS—Continued.</b> |  |     |      |       |        |
| <i>Shelburne.</i>                   |  |     |      |       |        |
| J. A. McGowan .....                 | Taking up Sand Spit and Middle Ground buoys and moorings.....  | 30  | 00   |       |        |
| do .....                            | Placing do .....   | 28  | 00   |       |        |
| do .....                            | Cleaning and painting, \$5; paint, \$1.25.....                 | 6   | 25   |       |        |
| do .....                            | Wharfage.....  | 3   | 00   |       |        |
| Wm. McLean.....                     | Freight on buoys and moorings.....                             | 4   | 50   |       |        |
| G. E. Smith & Co.....               | Chain.....   | 10  | 93   |       | 82 68  |
| <i>Sambro.</i>                      |  |     |      |       |        |
| James Rodgers .....                 | Placing and painting buoy on Connor's Reef, per agreement..... | 25  | 00   |       |        |
| do .....                            | Recovering buoy .....  | 5   | 00   |       |        |
| Joseph Martin.....                  | Recovering, painting and placing Cooley's Shoal buoy.....      | 15  | 00   |       | 45 00  |
| <i>Ship Harbour.</i>                |  |     |      |       |        |
| James Marks, sen .....              | Tending buoys, per agreement.....                              |     |      |       | 40 00  |
| <i>St. Peter's Inlet.</i>           |  |     |      |       |        |
| Michael Fougere.....                | Amount of contract, 1 year.....                                |     |      |       | 60 00  |
| <i>St. Peter's Bay.</i>             |  |     |      |       |        |
| Joseph Hanson .....                 | Amount of contract, 1 year .....                               |     |      |       | 164 00 |
| <i>St. Mary's.</i>                  |  |     |      |       |        |
| James G. Pride.....                 | Raising and storing buoys and moorings.....                    | 30  | 00   |       |        |
| do .....                            | Repairing, painting and placing do .....                       | 30  | 00   |       |        |
| do .....                            | 1 set of moorings .....  | 4   | 00   |       | 64 00  |
| <i>Tusket.</i>                      |  |     |      |       |        |
| James LeBlanc.....                  | 1½ years buoy service, per contract .....                      |     |      |       | 105 00 |
| <i>West Arichat.</i>                |  |     |      |       |        |
| Désiré LeBlanc .....                | Lifting buoys, 1879.....                                       |     |      |       | 36 10  |
| <i>Windsor.</i>                     |  |     |      |       |        |
| B. N. Banks.....                    | Vessel laying buoys.....                                       | 34  | 00   |       |        |
| do .....                            | Labour with man and boat.....                                  | 14  | 00   |       |        |
| do .....                            | Hire of vessel taking up buoys.....                            | 50  | 00   |       |        |
| do .....                            | Services attending buoys.....                                  | 25  | 00   |       |        |
| do .....                            | Cleaning and painting.....                                     | 5   | 00   |       |        |
| do .....                            | Painting and lettering can buoys.....                          | 3   | 00   |       |        |
| do .....                            | Paint and oil, \$2.20; wharfage, \$2.50.....                   | 4   | 70   |       |        |
| do .....                            | Iron work, 50c.; labour, \$10.....                             | 10  | 50   |       |        |
| do .....                            | Vessel hire and buoy service.....                              | 45  | 00   |       |        |
| W. Stairs.....                      | Schooner "Morrow," chain cable.....                            | 200 | 72   |       | 391 92 |
|                                     | Carried forward.....   |     |      | 5,134 | 79     |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., Nova Scotia, etc.—*Continued.*

|                            |   | \$ cts. | \$ cts.  |
|----------------------------|---|---------|----------|
|                            | Brought forward.....  |         | 5,134 79 |
|                            | <b>BUOYS AND BEACONS—<i>Concluded.</i></b>                          |         |          |
|                            | <i>Wallace.</i>   |         |          |
| Z. Mullins.....            | Mooring stones.....   | 3 50    |          |
| do .....                   | Iron work, \$9.66; labour and boat hire, \$8.75. ....               | 18 41   |          |
| do .....                   | Lifting buoys and moorings .....                                    | 15 00   |          |
| do .....                   | Taking care of buoys.....   | 10 00   |          |
| do .....                   | Scraping and painting.....  | 4 50    |          |
| do .....                   | Labour grappling for lost chains and anchors, and replacing.....    | 28 50   |          |
| do .....                   | Hire of vessel, \$4; storage, \$3 .....                             | 7 00    |          |
| do .....                   | Paint.....  | 1 56    |          |
|                            |   |         | 88 47    |
|                            | <i>Westport.</i>  |         |          |
| R. D. Suthern.....         | Taking up and replacing 3 can buoys.....                            | 72 00   |          |
| do .....                   | Boat hire, \$3; removing buoy, \$12. ....                           | 15 00   |          |
| do .....                   | Iron work, \$3.83; painting, \$8. ....                              | 11 83   |          |
|                            |   |         | 98 83    |
|                            | <i>Whitehead.</i>   |         |          |
| O. N. Feltmate.....        | $\frac{1}{2}$ years buoy service, per agreement .....               | 125 00  |          |
| do .....                   | Cleaning, repairing, painting and laying buoys, per agreement. .... | 115 00  |          |
|                            |   |         | 240 00   |
|                            | <i>Yarmouth.</i>  |         |          |
| Eben Scott .....           | Lifting and replacing Roaring Bull buoy and moorings.....           | 50 00   |          |
| do .....                   | 2 buoys and moorings, drilling and painting .....                   | 12 05   |          |
| do .....                   | Iron work, \$14 36; boat hire and labour, \$24 85. ....             | 39 21   |          |
| do .....                   | Spars, \$10.25; driving piles, \$32 .....                           | 42 25   |          |
| do .....                   | Painting and tarring piles and buoys .....                          | 12 50   |          |
| do .....                   | Logs, iron work and repairing piles.....                            | 89 02   |          |
| do .....                   | Tugs.....   | 2 00    |          |
|                            |   |         | 247 03   |
|                            | <b>MISCELLANEOUS.</b>   |         | 5,869 12 |
| John Findlay.....          | Repairing buoys.....  | 185 00  |          |
| Silas Townsend.....        | Anchors.....  | 369 60  |          |
| Charles Carey.....         | Posting hand-bills.....   | 1 00    |          |
| J. R. Kenny .....          | Towing automatic buoy.....  | 70 25   |          |
| C. Crowell .....           | Salvage do .....  | 239 75  |          |
| M. Downey .....            | Painting and lettering buoys.....                                   | 6 00    |          |
| J. E. Butler.....          | Spar buoys.....   | 558 00  |          |
| Burwell, Johnson & Co..... | Repairing bell buoy .....   | 36 37   |          |
| W. Stairs, Son & Morrow    | Iron.....   | 31 16   |          |
| John Fleming.....          | Spar buoys.....   | 733 00  |          |
| G. E. Smith & Co.....      | Oakum, paint, iron, etc.....  | 326 66  |          |
| W. S. Symonds & Co.....    | Repairing bell buoys, etc.....                                      | 101 53  |          |
| A. Moir & Sons.....        | Swivils .....   | 17 40   |          |
| T. Hopkins.....            | Freight on spar buoys.....  | 5 00    |          |
| Theakston & Angwin.....    | Iron rivets, etc.....   | 197 05  |          |
| J. Hogan & Sons.....       | Lumber.....   | 17 15   |          |
| W. H. Mooney .....         | Services of tug inspecting Larcher automatic buoy                   | 15 00   |          |
| Macdonald & Co.....        | Whistles, bells and valves.....                                     | 70 65   |          |
| A. W. Yeadon.....          | Mooring stones.....   | 100 50  |          |
| Bank of Montreal.....      | Salvage on automatic buoy .....                                     | 700 00  |          |
| C. T. Ward.....            | Freight on automatic buoy from Boston.....                          | 85 00   |          |
| J. Patterson.....          | Altering buoy .....   | 1 80    |          |
|                            |   |         | 3,857 87 |
|                            |   |         | 9,666 99 |

STATEMENT of Expenditure in connection with the Maintenance of Lighthouses, Fog-Whistles, etc., in Nova Scotia, etc.—*Concluded.*

|                           |  | \$    | cts. | \$    | cts. |
|---------------------------|--|-------|------|-------|------|
| <b>SIGNAL STATIONS.</b>   |  |       |      |       |      |
| Lieut. E. A. Wrottesley.. | Salary as Superintendent of Signals, June and September quarters, 1883 ..... | 75    | 00   |       |      |
| Col. C. S. Akers .....    | Repairing gun platform, Sambro Island .....                                  | 14    | 60   |       |      |
| Capt. H. C. Dawson .....  | Expenses of stations, June quarter, 1883 .....                               | 518   | 34   |       |      |
| Major James Wray.....     | do September quarter, 1883 .....   | 729   | 32   |       |      |
| do .....                  | do December do 1883 .....  | 1,162 | 24   |       |      |
| do .....                  | Conveyance of signal parties and stores.....                                 | 261   | 00   |       |      |
| Lieut. J. C. Middlemas..  | Salary as Superintendent, 9 months .....                                     | 112   | 50   |       |      |
| S. Cunard & Co .....      | Freight of telescope .....   | 5     | 13   |       |      |
| Major Fred. Fereday ..... | Expenses of stations, March quarter, 1884 .....                              | 499   | 10   |       |      |
| do .....                  | Conveyance of signal parties, stores, etc .....                              | 90    | 78   |       |      |
|                           |  |       |      | 3,468 | 01   |

**RECAPITULATION.**

|  |        |    |  |         |    |
|--|--------|----|--|---------|----|
| Maintenance of Lighthouses .....   | 98,098 | 98 |  |         |    |
| do Fog Alarms .....  | 22,714 | 62 |  |         |    |
| do Humane Establishments .....   | 7,552  | 12 |  |         |    |
| do Buoys and Beacons .....   | 9,666  | 99 |  |         |    |
| do Signal Stations .....   | 3,468  | 01 |  |         |    |
| do Cape Race.....  | 1,002  | 19 |  |         |    |
|  |        |    |  | 142,502 | 91 |
| Chance, Bros. & Co., apparatus for Cranberry Island.....                         |        |    |  | 3,087   | 90 |
| Queen's Printer, stationery and printing .....                                   |        |    |  | 226     | 43 |
| Public Buildings, Halifax, N.S., share of heating and attendance.....            |        |    |  | 206     | 40 |
|  |        |    |  | 146,023 | 64 |
| <b>REFUNDS.</b>  |        |    |  |         |    |
| Received from P. Kempton, for advance on account of Cranberry Island Light ..... | 1,336  | 00 |  |         |    |
| Hire of steam pump, Cranberry Island .....                                       | 50     | 00 |  |         |    |
| Proceeds of sale of cotton and cranberries, Sable Island .....                   | 1,353  | 42 |  |         |    |
| do empty casks, etc. ....  | 374    | 60 |  |         |    |
|  |        |    |  | 3,113   | 92 |
| <b>Total .....</b>   |        |    |  | 142,909 | 72 |

WM. SMITH,  
*Deputy Minister of Marine and Fisheries.*

F. GOURDEAU,  
*Acting Accountant.*

## APPENDIX No. 5

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure in connection with the Maintenance of Lighthouses, Fog-Whistles, etc., in New Brunswick, for the Fiscal Year ended 30th June, 1884.

| GENERAL ACCOUNT.                |   | \$    | cts. | \$ | cts. |
|---------------------------------|---|-------|------|----|------|
| James Mitchell.....             | Freight.....  | 45    | 70   |    |      |
| Western Union Telegraph Co..... | Fees for 12 months.....   | 155   | 82   |    |      |
| J. R. Cameron.....              | Chimnies, wicks and burners.....  | 197   | 97   |    |      |
| Imperial Oil Co.....            | Oil, 13,183 gallons, at 26c.....  | 3,427 | 70   |    |      |
| Sun Publishing Co.....          | Advertising.....  | 75    | 00   |    |      |
| Joseph Millar.....              | Freight, etc.....   | 19    | 33   |    |      |
| G.N.W. Telegraph Co.....        | Inspector, Telegraph.....   | 16    | 61   |    |      |
| Hugh Belmore.....               | Freight on empty barrels.....   | 20    | 50   |    |      |
| E. Willis.....                  | Advertising in St. John <i>Daily News</i> .....   | 108   | 85   |    |      |
| J. S. Fleming.....              | Freight on supplies.....  | 121   | 87   |    |      |
| G. W. Day.....                  | Printing.....   | 34    | 00   |    |      |
| Henry King.....                 | Boating and carting.....  | 403   | 19   |    |      |
| W. H. Quinn.....                | Wharfage.....   | 5     | 00   |    |      |
| Harding & Hatheway.....         | Lime.....   | 37    | 65   |    |      |
| G. E. Bustin.....               | Painting life-buoys.....  | 6     | 00   |    |      |
| W. H. Thorne & Co.....          | Hardware, stoves, oil and taps.....   | 16    | 40   |    |      |
| Estey, Allwood & Co.....        | Life-preservers.....  | 62    | 55   |    |      |
| Chance, Bros. & Co.....         | Lanterns.....   | 275   | 57   |    |      |
| Philip Doody.....               | Labour on derricks.....   | 50    | 26   |    |      |
| Gilbert Doody.....              | do.....   | 39    | 60   |    |      |
| A. G. Bowes & Co.....           | Oil cans, etc.....  | 55    | 98   |    |      |
| Adelaide M. Thomas.....         | 1 years salary as Telegraph Operator, to 30th June, 1884.....                                 | 150   | 00   |    |      |
| C. E. Harding & Son.....        | Lumber.....   | 3     | 32   |    |      |
| E. J. Armstrong.....            | Printing.....   | 4     | 00   |    |      |
| T. B. Barker & Son.....         | Paints, oil, etc.....   | 21    | 51   |    |      |
| J. Johnston.....                | Postage.....  | 20    | 65   |    |      |
| John Woodley.....               | Boats, \$70; and repairs to boats, \$17.49.....   | 87    | 49   |    |      |
| Robt. Laskey.....               | Blocks.....   | 9     | 50   |    |      |
| J. H. Harding.....              | Travelling expenses.....  | 130   | 00   |    |      |
| L. H. Vaughan & Bros.....       | Rope, blocks, etc.....  | 504   | 93   |    |      |
| J. & J. D. Howe.....            | Stationery case.....  | 30    | 00   |    |      |
| F. E. Harding.....              | Travelling expenses.....  | 7     | 80   |    |      |
| Barton Gandy.....               | 4 barrels cement.....   | 15    | 40   |    |      |
| E. Barbour.....                 | Painting.....   | 38    | 50   |    |      |
| Wm. Fanjoy.....                 | Boarding painter for 1 week.....  | 4     | 00   |    |      |
| John McKwen.....                | Carting supplies, etc.....  | 5     | 50   |    |      |
| Bromdage & Jackson.....         | Coal bags.....  | 5     | 40   |    |      |
| C. W. Day.....                  | Carting.....  | 2     | 00   |    |      |
| R. R. Call.....                 | 4 years rent of warehouse, to 31st December, 1883, \$200; freight on coal, etc., \$43.15..... | 243   | 15   |    |      |
| D. W. Stillwell.....            | Freight for river lights.....   | 10    | 95   |    |      |
| Trinity House.....              | Ronge powder.....   | 80    | 70   |    |      |
| S. Carruthers.....              | Carting oil.....  | 8     | 00   |    |      |
| J. D. Weldon.....               | Horse hire.....   | 8     | 50   |    |      |
| Robt. Ellis.....                | Surveying land.....   | 10    | 00   |    |      |
| R. B. Humphreys.....            | Freight.....  | 19    | 45   |    |      |
| George Barnes.....              | Searching records.....  | 1     | 00   |    |      |
| R. L. Babbitt.....              | do.....   | 5     | 00   |    |      |
| J. Clarkson.....                | do.....   | 1     | 00   |    |      |
| W. H. Noble.....                | On account of travelling expenses.....  | 30    | 00   |    |      |
| T. McAvity & Sons.....          | Hinges, screws and bolts.....   | 10    | 58   |    |      |
|                                 | Carried forward.....  | 6,638 | 98   |    |      |



STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

|                                    |  | \$      | cts. | \$    | cts. |
|------------------------------------|--|---------|------|-------|------|
|                                    | Brought forward .....                                    | 6,638   | 98   |       |      |
| <b>GENERAL ACCOUNTS—Concluded.</b> |  |         |      |       |      |
| Alex. McKillop .....               | Maintaining Lightship, 1883, at Point Lepreaux. ...      | 132     | 80   |       |      |
| Clifton Manufacturing Co. ....     | 1 gross of wick-trimmers. ....                           | 30      | 00   |       |      |
| B. A. Bank Note Co. ....           | 3 cheque books .....                                     | 50      | 63   |       |      |
| T. G. Loggie .....                 | Copying plans .....                                      | 6       | 08   |       |      |
| George Calhoun .....               | Searching records .....                                  | 3       | 00   |       |      |
| Fred. Blackadar .....              | Chimney clearers .....                                   | 18      | 75   |       |      |
| H. H. Hatch .....                  | Searching records .....                                  | 9       | 12   |       |      |
| A. Christie & Co .....             | Repairing doors, sashes, etc. ....                       | 6       | 20   |       |      |
| Fred Blacklock .....               | Balance of account for 100 cords of wood. ....           | 188     | 60   |       |      |
| Barnes & Co .....                  | Stationery .....   | 21      | 58   |       |      |
| Thomas Campbell .....              | Repairs to water pipes. ....                             | 10      | 27   |       |      |
| James W. Hersey .....              | Labour on drain and coal bags. ....                      | 9       | 00   |       |      |
| Charles L. Nelson .....            | Paper wraps, etc .....                                   | 38      | 50   |       |      |
| Mrs. E. Hughes .....               | Cleaning hall and windows .....                          | 3       | 50   |       |      |
| F. J. Harding .....                | Freight on telegraph wire. ....                          | 7       | 37   |       |      |
| Hans Halversen .....               | Labour on oil .....                                      | 6       | 50   |       |      |
| Campbell & Ellis .....             | Tin pipe, etc .....                                      | 13      | 43   |       |      |
| Sarah J. Drake .....               | Repairing and making flags .....                         | 8       | 50   |       |      |
| E. L. Street .....                 | Chamois and sponges. ....                                | 23      | 00   |       |      |
| Joseph Bullock .....               | Storage on oil .....                                     | 67      | 95   |       |      |
| J. R. Smith .....                  | Coal baskets .....                                       | 71      | 10   |       |      |
| W. J. Fisher .....                 | Repairing roof .....                                     | 3       | 98   |       |      |
|                                    |  |         |      | 7,368 | 66   |
| <i>Inspector's Office.</i>         |  |         |      |       |      |
| James Mitchell .....               | 12 months salary as Inspector .....                      | 1,176   | 00   |       |      |
| Receiver-General .....             | do superannuation tax. ....                              | 24      | 00   |       |      |
| James Mitchell .....               | do travelling expenses .....                             | 344     | 08   |       |      |
|                                    |  |         |      | 1,544 | 08   |
| <i>Agent's Office.</i>             |  |         |      |       |      |
| J. H. Harding .....                | 12 months salary as agent. ....                          | \$1,764 | 00   |       |      |
| Receiver-General .....             | do superannuation tax. ....                              | 36      | 00   |       |      |
|                                    |  |         |      | 1,800 | 00   |
| F. Harding .....                   | 7 do salary as Clerk, at \$45. ....                      | \$ 343  | 00   |       |      |
| do .....                           | 6 do do \$65.33. ....                                    | 391     | 98   |       |      |
| Receiver-General .....             | 12 do superannuation tax. ....                           | 14      | 01   |       |      |
|                                    |  |         |      | 748   | 99   |
| Joseph Millar .....                | 13 do salary as Janitor. ....                            | \$534   | 82   |       |      |
| Receiver-General .....             | 12 do superannuation tax .....                           | 6       | 28   |       |      |
|                                    |  |         |      | 541   | 10   |
| S. T. King .....                   | Rent of Post Office box, 1 year to 30th June, 1883. .... | 4       | 00   |       |      |
| J. R. Stone .....                  | Express charges on index cases. ....                     | 36      | 70   |       |      |
| Thomas Campbell .....              | Labour on pipe .....                                     | 12      | 37   |       |      |
| Gas Light Co. ....                 | Gas bill for year ended 30th June, 1884. ....            | 25      | 64   |       |      |
| Macaulay Bros. & Co .....          | Towels .....   | 5       | 60   |       |      |
| A. C. Smith .....                  | Water rates to 1st August, 1883. ....                    | 9       | 94   |       |      |
| T. B. Barker & Son .....           | Olive oil, alcohol, soap, etc. ....                      | 12      | 63   |       |      |
| F. B. Hannington .....             | Postage stamps .....                                     | 130     | 00   |       |      |
| Western Union Telegraph Co .....   | Telegrams .....  | 9       | 72   |       |      |
| "Sun" Publishing Co ...            | Subscription to paper and advertising .....              | 10      | 00   |       |      |
| G. W. Day .....                    | Printing .....   | 5       | 00   |       |      |
| "News Room" .....                  | 12 months subscription .....                             | 10      | 00   |       |      |
| Crystal Ice Co. ....               | 7 do supply of ice .....                                 | 7       | 00   |       |      |
| A. G. Bowes & Co .....             | Pin boxes and funnels .....                              | 5       | 02   |       |      |
| J. & A. McMillan .....             | Memo. books and stationery .....                         | 16      | 15   |       |      |
| A. Christie & Co. ....             | Labour on windows, doors, etc. ....                      | 33      | 36   |       |      |
|                                    |  |         |      | 8,912 | 74   |
|                                    | Carried forward .....                                    | 3,423   | 22   |       |      |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

|                                     |   | \$ cts.  | \$ cts.   |
|-------------------------------------|---|----------|-----------|
|                                     | Brought forward .....                                     | 3,423 22 | 6,912 74  |
|                                     | <i>Agent's Office—Concluded.</i>                          |          |           |
| George Cox .....                    | Seal .....  | 5 00     |           |
| Robert Blaine .....                 | 1 dozen penholders, pens, pencils, etc. ....              | 3 75     |           |
| Joseph Millar .....                 | Petty expenses .....                                      | 11 30    |           |
| Jane Millar .....                   | Towels .....  | 5 00     |           |
| D. McAlpine .....                   | Directory .....   | 2 50     |           |
| James Hunter .....                  | Repairing and fitting bells .....                         | 14 35    |           |
| E. J. Armstrong .....               | Printing tags .....                                       | 8 00     |           |
| Barnes & Co. ....                   | Stationery .....  | 89 20    |           |
| Campbell & Ellis .....              | Tinware and labour .....                                  | 13 46    |           |
| W. A. Black .....                   | Post Office Order—subscription to Nautical Magazine ..... | 3 75     |           |
| E. Willis .....                     | Subscription, St. John "Daily News" .....                 | 5 00     |           |
|                                     |   |          | 3,584 53  |
|                                     | <i>Beaver Harbour Light.</i>                              |          |           |
| E. Snell .....                      | 12 months salary as Light-keeper .....                    | \$246 28 |           |
| Receiver-General .....              | do superannuation tax .....                               | 3 72     |           |
|                                     |   |          | 250 00    |
| L. H. Vaughan & Bros. ....          | Rope and blocks .....                                     | 30 90    |           |
| Macanley, Bros & Co. ....           | Cotton and towelling .....                                | 11 31    |           |
| J. R. Cameron .....                 | Chimneys, wicks and matches .....                         | 96 10    |           |
| T. B. Barker & Sons .....           | Oil, soap, fog horn and paint .....                       | 57 23    |           |
| O. E. Harding & Son .....           | Lumber .....  | 27 75    |           |
| Hugh Belmore .....                  | Freight on lumber, etc .....                              | 27 00    |           |
| S. O. Blizard .....                 | Lumber .....  | 14 00    |           |
| James Anderson .....                | Repairing foundation .....                                | 14 00    |           |
| Alfred Walden .....                 | Freight on burners, oil, etc .....                        | 2 40     |           |
| Edward Snell .....                  | Allowance for fuel for 1883 .....                         | 20 00    |           |
| C. Hevenor .....                    | Repairing burners .....                                   | 3 65     |           |
|                                     |   |          | 554 33    |
|                                     | <i>Beacon Light (St. John Harbour.)</i>                   |          |           |
| Timothy Clark .....                 | 12 months salary as Light-keeper .....                    | \$420 00 |           |
| Receiver-General .....              | do superannuation tax .....                               | 5 00     |           |
|                                     |   |          | 425 00    |
| L. H. Vaughan & Bros ...            | Rope and nails .....                                      | 50 93    |           |
| Macanley, Bros. & Co. ....          | Cotton, flannel and towels .....                          | 31 35    |           |
| W. H. Thorne & Co. ....             | Copper wire .....   | 11 93    |           |
| J. R. Cameron .....                 | Wick, lamps and chimneys .....                            | 26 20    |           |
| T. B. Barker & Son .....            | Soap, alcohol and paint .....                             | 61 52    |           |
| S. G. Blizard .....                 | Lumber .....  | 33 58    |           |
| J. W. Harrington .....              | 15 rolls room paper .....                                 | 2 25     |           |
| Timothy Clark .....                 | Allowance for fuel to 1st June, 1884 .....                | 20 00    |           |
| John Watson .....                   | Boat hire .....   | 7 00     |           |
| Henry King .....                    | Boating .....   | 55 10    |           |
| G. E. Bustin .....                  | Painting building .....                                   | 36 00    |           |
| John Woodley .....                  | Boat, \$48.50; and repairs to boat, \$12.00 .....         | 58 50    |           |
| Wm. Lewis & Son .....               | Iron work and derrick .....                               | 129 55   |           |
| D. Coughlan .....                   | Marine glass .....  | 4 00     |           |
| R. P. McGivern .....                | ½ chaldron coal, at \$6 00 .....                          | 3 00     |           |
| Clark & Lockhart .....              | Carpenter's repairs .....                                 | 52 00    |           |
| Robt. Barbour .....                 | Painting .....  | 8 50     |           |
| James Armstrong .....               | Iron work .....   | 26 13    |           |
| Geo. Hutchinson .....               | Clock .....   | 5 00     |           |
| G. Hevenor .....                    | Repairing lamps .....                                     | 26 59    |           |
| A. F. Dibblee .....                 | 3 pairs of oars .....                                     | 4 50     |           |
| R. P. & W. F. Starr .....           | ½ chaldron coal .....                                     | 3 13     |           |
| Joggins Coal Mine Association ..... | do .....  | 4 75     |           |
|                                     |   |          | 1,087 51  |
|                                     | Carried forward .....                                     |          | 14,139 11 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

|                               |  | \$    | cts. | \$     | cts.   |
|-------------------------------|--|-------|------|--------|--------|
|                               | Brought forward.....   |       |      | 14,139 | 11     |
| <i>Bliss Island Light.</i>    |  |       |      |        |        |
| Hugh Maloney.....             | 4 months and 8 days salary as Light-keeper, to 8th December, 1883..... | \$129 | 62   |        |        |
| Receiver-General .....        | 4 months and 8 days superannuation tax.....                            | 1     | 86   |        |        |
|                               |  |       |      | 131    | 48     |
| Cornelius McNichol.....       | 6 months and 23 days salary as Light-keeper, to 30th June, 1884.....   |       |      | 168    | 52     |
| L. H. Vaughan & Bros.....     | Rope.....  |       |      | 20     | 90     |
| Thos. Stewart & Co.....       | Canvas, waste and lead.....  |       |      | 17     | 15     |
| Macauley Bros. & Co.....      | Cotton, flannel and baize.....   |       |      | 18     | 36     |
| W. H. Thorne & Co.....        | Soap, brooms and powder.....   |       |      | 34     | 87     |
| J. R. Cameron.....            | Wicks, matches and chimneys.....                                       |       |      | 20     | 25     |
| Hugh Belmore.....             | Freight.....   |       |      | 34     | 00     |
| Hugh Maloney.....             | Carting supplies.....  |       |      | 18     | 80     |
| Cornelius McNichol.....       | Allowance for fuel, to 30th June, 1884.....                            |       |      | 20     | 00     |
| do.....                       | Stove and pipe.....  |       |      | 16     | 41     |
|                               |  |       |      |        | 500 74 |
| <i>Bathurst Light.</i>        |  |       |      |        |        |
| Geo. C. Sutherland.....       | 12 months salary as Light-keeper.....                                  | \$148 | 12   |        |        |
| Receiver-General .....        | do superannuation tax.....   | 1     | 88   |        |        |
|                               |  |       |      | 150    | 00     |
| Wm. Mason.....                | Cotton, flannel and matches.....                                       |       |      | 25     | 99     |
| Geo. C. Sutherland.....       | Repairing lamps and rent of land.....                                  |       |      | 15     | 00     |
|                               |  |       |      |        | 190 99 |
| <i>Cape Enrage Light.</i>     |  |       |      |        |        |
| W. S. Starsalt.....           | 12 months salary as Light-keeper.....                                  | \$395 | 00   |        |        |
| Receiver-General .....        | do superannuation tax.....   | 5     | 00   |        |        |
|                               |  |       |      | 400    | 00     |
| Macauley Bros & Co.....       | Cotton, flannel and towels.....  |       |      | 62     | 45     |
| T. B. Barker & Sons.....      | Oil, alcohol and soap.....   |       |      | 31     | 68     |
|                               |  |       |      |        | 494 13 |
| <i>Cape Jourimaine Light.</i> |  |       |      |        |        |
| A. W. Bent.....               | 12 months salary as Light-keeper.....                                  | \$296 | 28   |        |        |
| Receiver-General.....         | do superannuation tax.....   | 3     | 72   |        |        |
|                               |  |       |      | 300    | 00     |
| James Noonan.....             | 23 days labour.....  |       |      | 34     | 50     |
| Crane & Harper.....           | Shingles and nails.....  |       |      | 76     | 26     |
| J. R. Cameron.....            | Chimneys.....  |       |      | 11     | 25     |
| John Ferguson.....            | Paint, oil and cotton.....   |       |      | 66     | 19     |
|                               |  |       |      |        | 488 20 |
| <i>Caraquet Light.</i>        |  |       |      |        |        |
| Joseph Porlier.....           | 12 months salary as Light-keeper.....                                  |       |      | 290    | 00     |
| Cnas. Robins.....             | Paint and oil.....   |       |      | 77     | 70     |
| John Ferguson.....            | do.....  |       |      | 47     | 89     |
|                               |  |       |      |        | 325 59 |
| <i>Cox's Point.</i>           |  |       |      |        |        |
| M. Y. Cox.....                | 12 months salary as Light-keeper.....                                  |       |      | 80     | 00     |
| Macauley Bros. & Co.....      | Cotton, flannels and towels.....                                       |       |      | 5      | 07     |
| J. R. Cameron.....            | Wicks, chimneys and matches.....                                       |       |      | 10     | 00     |
| T. B. Barker & Sons.....      | Brooms, paint and oil.....   |       |      | 15     | 53     |
| F. E. Harding.....            | Painting.....  |       |      | 32     | 50     |
| G. Hevenor.....               | Repairing lantern.....   |       |      | 3      | 59     |
| M. Y. Cox.....                | Boarding painter.....  |       |      | 12     | 00     |
|                               |  |       |      |        | 158 69 |
|                               | Carried forward.....   |       |      | 16,297 | 45     |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., New Brunswick, etc.—Continued.

|                                    |   | \$    | cts. | \$     | cts. |
|------------------------------------|---|-------|------|--------|------|
| Brought forward .....              |   |       |      | 16,297 | 45   |
| <i>Cassie's Point Light.</i>       |   |       |      |        |      |
| Chas. LeBlanc.....                 | 12 months salary as Light-keeper .....    | \$246 | 88   |        |      |
| Receiver-General.....              | do superannuation tax.....                | 3     | 12   |        |      |
|                                    |   |       | 250  | 00     |      |
| John Ferguson .....                | Paint, oil and cotton .....               |       | 36   | 90     |      |
| Chas. LeBlanc .....                | Carting and room paper .....              |       | 6    | 28     |      |
| J. R. Cameron.....                 | Chimneys and wicks .....                  |       | 8    | 25     |      |
|                                    |   |       |      | 301    | 43   |
| <i>Cape Spencer Light.</i>         |   |       |      |        |      |
| Geo. C. Blacklock .....            | 12 months salary as Light-keeper.....     | \$395 | 00   |        |      |
| Receiver-General .....             | do superannuation tax.....                | 5     | 00   |        |      |
|                                    |   |       | 400  | 00     |      |
| Macauley Bros. & Co.....           | Flannel and canvas .....                  |       | 52   | 05     |      |
| T. B. Barker & Sons .....          | Soap, alcohol and brushes .....           |       | 21   | 50     |      |
| J. R. Cameron.....                 | Chimneys, wicks and matches.....          |       | 28   | 89     |      |
| Wm. Lewis & Son .....              | Iron strap .....                          |       | 6    | 50     |      |
| Ross Powers.....                   | Lumber and carting .....                  |       | 6    | 50     |      |
| S. G. Blizard .....                | Lumber .....                              |       | 35   | 77     |      |
| Fred. Blacklock .....              | Road work, carting and cutting wood ..... |       | 201  | 50     |      |
| L. H. Vaughan & Bros....           | Rope.....                                 |       | 4    | 88     |      |
|                                    |   |       |      | 757    | 59   |
| <i>Dalhousie Light.</i>            |   |       |      |        |      |
| Louis Arseneaux .....              | 12 months salary as Light-keeper .....    |       | 100  | 60     |      |
| Wm. Masson.....                    | Cotton, flannels, towels and pails .....  |       | 24   | 69     |      |
| John Ferguson.....                 | Paint and oil.....                        |       | 16   | 40     |      |
| John Harquail.....                 | do .....                                  |       | 34   | 00     |      |
|                                    |   |       |      | 175    | 09   |
| <i>Escuminac Light.</i>            |   |       |      |        |      |
| Thos. Phillips .....               | 12 months salary as Light-keeper .....    | \$395 | 00   |        |      |
| Receiver-General.....              | do superannuation tax.....                | 5     | 00   |        |      |
|                                    |   |       | 400  | 00     |      |
| J. R. Cameron.....                 | Chimneys.....                             |       | 18   | 55     |      |
| E. Willis .....                    | Advertising in "Daily News" .....         |       | 3    | 00     |      |
| John Ferguson.....                 | Paint, oil and cotton .....               |       | 79   | 39     |      |
| John Fish .....                    | Stove .....                               |       | 13   | 00     |      |
| Geo. Watt .....                    | Lamp glasses .....                        |       | 1    | 00     |      |
| J. H. Phinney .....                | Galvanized kettle.....                    |       | 0    | 75     |      |
| James Nash .....                   | Making road .....                         |       | 120  | 00     |      |
|                                    |   |       |      | 635    | 69   |
| <i>East Head Light (Musquash).</i> |   |       |      |        |      |
| Chas. P. Hamm.....                 | 12 months salary as Light-keeper.....     | \$296 | 28   |        |      |
| Receiver-General .....             | do superannuation tax.....                | 3     | 72   |        |      |
|                                    |   |       | 300  | 00     |      |
| L. H. Vaughan & Bros....           | Rope.....                                 |       | 62   | 47     |      |
| J. R. Cameron.....                 | Chimneys and wicks .....                  |       | 11   | 20     |      |
| T. B. Barker & Sons..              | White lead, soap, oil and blinds.....     |       | 57   | 60     |      |
| Hugh Belmore.....                  | Freight on white lead, oil, etc.....      |       | 12   | 00     |      |
| C. P. Hamm.....                    | Allowance for fuel and carting oil.....   |       | 22   | 00     |      |
| Macauley Bros. & Co....            | Flannel, cotton and towelling.....        |       | 9    | 25     |      |
|                                    |   |       |      | 474    | 52   |
| Carried forward.....               |   |       |      | 18,641 | 77   |

STATEMENT of Expenditure in connection with the maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

|                                  |   | \$    | cts. | \$     | cts. |
|----------------------------------|---|-------|------|--------|------|
|                                  | Brought forward .....                               |       |      | 18,641 | 77   |
| <i>Fox Island Light (Upper).</i> |   |       |      |        |      |
| Wood Williston .....             | 12 months salary as Light-keeper.....               | \$296 | 28   |        |      |
| Receiver-General .....           | do superannuation tax.....                          |       | 3 72 |        |      |
|                                  |   |       |      | 300    | 00   |
| Wm. Masson.....                  | Cotton, flannels and pails.....                     |       |      | 32     | 57   |
| H. C. Williston.....             | Freight on supplies.....                            |       |      | 9      | 00   |
| John McNaughton .....            | Rent of land.....                                   |       |      | 30     | 00   |
| John Ferguson .....              | Glass and putty .....                               |       |      | 2      | 57   |
| J. W. Crocker .....              | Building bridge.....                                |       |      | 150    | 00   |
| Chas. Bennett .....              | Repairing lantern and lamps.....                    |       |      | 20     | 50   |
| Geo. Ingram.....                 | Painting building .....                             |       |      | 60     | 00   |
|                                  |   |       |      |        |      |
|                                  |   |       |      | 604    | 64   |
| <i>Fox Island Light (Lower.)</i> |   |       |      |        |      |
| Robert Reinsborrow.....          | 12 months salary as Light-keeper.....               | \$197 | 52   |        |      |
| Receiver-General .....           | do superannuation tax.....                          |       | 2 48 |        |      |
|                                  |   |       |      | 200    | 00   |
| Wm. Masson .....                 | Cotton, flannel and pails.....                      |       |      | 34     | 18   |
| John Ferguson .....              | Paint and oil.....                                  |       |      | 54     | 57   |
| Robert Reinsborrow.....          | Cordwood, and carting oil.....                      |       |      | 38     | 50   |
| J. R. Cameron.....               | Burners and chimneys.....                           |       |      | 15     | 10   |
| Chas. Bennett.....               | Repairing lantern and lamps.....                    |       |      | 4      | 00   |
| Geo. Ingram.....                 | Painting .....                                      |       |      | 30     | 00   |
|                                  |   |       |      |        |      |
|                                  |   |       |      | 376    | 35   |
| <i>Fanjoy's Point Light.</i>     |   |       |      |        |      |
| Wm. Fanjoy.....                  | 12 months salary as Light-keeper.....               |       |      | 80     | 00   |
| Macauley Bros. & Co.....         | Cotton and towels.....                              |       |      | 2      | 85   |
| J. R. Cameron.....               | Wicks and burners .....                             |       |      | 2      | 25   |
| F. E. Harding .....              | Painting .....                                      |       |      | 17     | 50   |
|                                  |   |       |      |        |      |
|                                  |   |       |      | 102    | 60   |
| <i>Grindstone Island Light.</i>  |   |       |      |        |      |
| John R. Styles.....              | 12 months salary as Light-keeper.....               | \$395 | 00   |        |      |
| Receiver-General.....            | do superannuation tax.....                          |       | 5 00 |        |      |
|                                  |   |       |      | 400    | 00   |
| Macauley Bros. & Co.....         | Cotton, flannel and towels .....                    |       |      | 17     | 90   |
| J. R. Cameron.....               | Chimneys, matches and freight.....                  |       |      | 20     | 35   |
| John Clark.....                  | 12 months rent of boat house.....                   |       |      | 12     | 00   |
| L. H. Vaughan & Bros.....        | Hemp rope .....                                     |       |      | 5      | 04   |
| John Smith.....                  | Brass wheels .....                                  |       |      | 76     | 70   |
| Geo. Smith.....                  | Travelling expenses, \$75.16; and valves, \$10..... |       |      | 85     | 16   |
| John R. Styles.....              | Bearding engineer.....                              |       |      | 22     | 50   |
|                                  |   |       |      |        |      |
|                                  |   |       |      | 639    | 65   |
| <i>Green Head Light.</i>         |   |       |      |        |      |
| John N. Williams .....           | 12 months salary as Light-keeper.....               |       |      | 80     | 00   |
| J. R. Cameron .....              | Burners.....  |       |      | 24     | 00   |
| Joseph Armstrong .....           | 1 years rent of land.....                           |       |      | 10     | 00   |
|                                  |   |       |      |        |      |
|                                  |   |       |      | 114    | 00   |
| <i>Gannet Rock Light.</i>        |   |       |      |        |      |
| O. A. Kent.....                  | 12 months salary as Light-keeper.....               | \$594 | 40   |        |      |
| Receiver-General .....           | do superannuation tax.....                          |       | 5 60 |        |      |
|                                  |   |       |      | 600    | 00   |
| L. H. Vaughan & Bros...          | Iron, rope and blocks.....                          |       |      | 286    | 53   |
| Thos. Stewart & Co.....          | Hinges, zinc and canvas .....                       |       |      | 89     | 90   |
|                                  |   |       |      |        |      |
|                                  |   |       |      | 976    | 43   |
|                                  | Carried forward.....                                |       |      |        |      |
|                                  |   |       |      | 20,479 | 01   |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

|                                     |   | \$ cts.  | \$ cts.   |
|-------------------------------------|---|----------|-----------|
| Brought forward.....                |   | 976 43   | 20,479 01 |
| <i>Gannet Rock Light—Concluded.</i> |   |          |           |
| Macaulay Bros. & Co.....            | Cotton, flannel and canvas.....   | 162 23   |           |
| J. R. Cameron.....                  | Chimneys, lamps and matches.....  | 66 88    |           |
| C. E. Harding & Son.....            | Lumber.....   | 242 65   |           |
| D. L. Hutchinson.....               | Clock.....  | 12 50    |           |
| R. P. & W. F. Starr.....            | Coal.....   | 5 63     |           |
| Phillip Doody.....                  | Labour on timber.....   | 21 25    |           |
| Hugh Belmore.....                   | Freight on timber, etc.....   | 128 00   |           |
| O. A. Kent.....                     | Boating water, \$421.98; and boarding labourers, 347½ days, at 75 cents = \$260.75..... | 682 73   |           |
| T. B. Barker & Sons.....            | Paint, oil and soap.....  | 195 83   |           |
| Jas. Armstrong.....                 | Water kegs.....   | 47 00    |           |
| S. G. Blizard.....                  | Lumber.....   | 121 58   |           |
| Joggins Coal Mine Ass'n             | 16 tons coal, at \$2.40.....  | 38 40    |           |
| Robt. Laskey.....                   | Repairing blocks.....   | 26 00    |           |
| G. W. Harvey.....                   | Blacksmith's work and hire of tools.....  | 179 00   |           |
| W. H. Thorne & Co.....              | Pig lead and steel.....   | 147 72   |           |
| Wm. Lewis & Son.....                | Iron and blacksmith's work.....   | 90 41    |           |
| B. Robinson.....                    | 95 days labour, at \$2.00.....  | 195 00   |           |
| Johnson Turner.....                 | 72 do 2.50.....   | 180 00   |           |
| S. W. Benson.....                   | 29 do 1.50.....   | 90 00    |           |
| L. V. Kent.....                     | 41 do 1.50.....   | 61 50    |           |
| Wm Russell.....                     | Flannel.....  | 30 93    |           |
| Wm. Watt.....                       | Flannel and oakum.....  | 50 75    |           |
| Walter Lane.....                    | Building tramway.....   | 12 25    |           |
| G. Hevenor.....                     | Iron truck.....   | 10 50    |           |
| W. B. McLaughlin.....               | Powder.....   | 138 00   |           |
| F. Cronk.....                       | Freight.....  | 4 40     |           |
| G. Gaskill.....                     | Powder.....   | 27 66    |           |
|                                     |   |          | 3,915 23  |
| <i>Grant's Beach Light.</i>         |   |          |           |
| John Delaney.....                   | 12 months salary as Light-keeper.....   | 119 44   |           |
| Wm. Masson.....                     | Cotton, flannel and rope.....   | 33 68    |           |
| J. R. Cameron.....                  | Wicks.....  | 2 50     |           |
| Chas. Bennett.....                  | Repairing lantern.....  | 19 00    |           |
|                                     |   |          | 174 52    |
| <i>Goose Lake Light.</i>            |   |          |           |
| D. J. B. Robicheaux.....            | 12 months salary as Light-keeper... ..  | \$246 88 |           |
| Receiver-General.....               | do superannuation tax.....  | 3 12     |           |
|                                     |   | 250 00   |           |
| John Ferguson.....                  | Paint, oil and cotton.....  | 14 45    |           |
|                                     |   |          | 264 45    |
| <i>Grand Harbour Light.</i>         |   |          |           |
| H. McLaughlin.....                  | 3 months salary as Light-keeper.....  | \$98 75  |           |
| Receiver-General.....               | do superannuation tax.....  | 1 25     |           |
|                                     |   | 100 00   |           |
| B. Robinson.....                    | 2 months 10 days salary, as Light-keeper, to 10th December, 1883.....                   | 76 21    |           |
| Mark Daggett.....                   | 6 months 20 days salary as Light-keeper, to 30th June, 1884.....                        | 222 54   |           |
| L. H. Vaughan & Bros.....           | Rope and stovepipe.....   | 26 63    |           |
| H. McLaughlin.....                  | Soldering iron, canvas and allowance for fuel.....                                      | 32 66    |           |
| Thos. Stewart & Co.....             | Brass taps.....   | 6 90     |           |
| Macaulay Bros. & Co.....            | Cotton, flannel and towels.....   | 10 44    |           |
| J. R. Cameron.....                  | Chimneys, wicks, burners and lamps.....   | 38 60    |           |
| W. H. Thorne & Co.....              | Paper, brushes and paint.....   | 66 52    |           |
| Robert Barbour.....                 | Painting.....   | 59 75    |           |
| Carried forward.....                |   | 640 25   | 24,863 21 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

|                                       |   | \$ cts.  | \$ cts.   |
|---------------------------------------|---|----------|-----------|
|                                       | Brought forward.....                        | 640 25   | 24,863 21 |
| <i>Grand Harbour Light—Concluded.</i> |   |          |           |
| B. Robinson .....                     | Freight on chimneys, wicks, etc.....        | 7 50     |           |
| A. G. Bowes & Co.....                 | Stove and stovepipe.....                    | 17 87    |           |
| Mark Daggett.....                     | Allowance for fuel, to 30th June, 1884..... | 13 34    | 678 96    |
| <i>Hillsborough River Light.</i>      |   |          |           |
| E. Steeves.....                       | 12 months salary as Light-keeper.....       | 75 00    |           |
| do .....                              | Freight on oil.....                         | 4 83     | 79 83     |
| <i>Head Harbour Light.</i>            |   |          |           |
| Neil A. Seelye .....                  | 12 months salary as Light-keeper.....       | \$394 36 |           |
| Receiver-General.....                 | do superannuation tax.....                  | 5 64     |           |
|                                       |   | 400 00   |           |
| J. R. Cameron.....                    | Chimneys, wicks and matches.....            | 12 30    |           |
| Hugh Belmore .....                    | Freight on chimneys, wicks, etc.....        | 15 00    |           |
| D. J. O'Dell .....                    | Paper and freight.....                      | 23 08    |           |
| Wm. Lewis & Son.....                  | Derrick, iron and ironing boats.....        | 23 30    |           |
| J. Chambers.....                      | Oars.....                                   | 3 00     |           |
| A. F. Dibblee.....                    | Boat.....                                   | 45 00    |           |
| R. Barbour .....                      | Painting.....                               | 9 50     | 531 18    |
| <i>Heron Island Light.</i>            |   |          |           |
| John Dutch.....                       | 12 months salary as Light-keeper.....       | \$197 52 |           |
| Receiver-General.....                 | do superannuation tax.....                  | 2 48     |           |
|                                       |   | 200 00   |           |
| Wm. Masson.....                       | Cotton, flannel and brushes.....            | 26 69    | 226 69    |
| <i>Hendry's Point Light.</i>          |   |          |           |
| E. M. Hendry.....                     | 12 months salary as Light-keeper.....       | 80 00    |           |
| Macauley Bros. & Co.....              | Cotton, flannel and towels.....             | 2 85     |           |
| J. R. Cameron.....                    | Matches.....                                | 0 20     |           |
| F. B. Barker & Sons.....              | Paint and oil.....                          | 6 60     | 69 65     |
| <i>Lightship (Miramichi.)</i>         |   |          |           |
| Timothy Daley.....                    | 12 months salary as Light-keeper.....       | \$695 00 |           |
| Receiver-General.....                 | do superannuation tax.....                  | 5 00     |           |
|                                       |   | 700 00   |           |
| J. R. Cameron.....                    | Wicks and chimneys.....                     | 10 50    |           |
| J. Ferguson.....                      | Paint, oil and cotton.....                  | 120 46   |           |
| Casey & O'Regan.....                  | Cutting vessel out.....                     | 6 00     |           |
| R. R. Call.....                       | Freight and towing.....                     | 50 25    |           |
| A. C. McLean.....                     | 2 oil tanks.....                            | 11 00    |           |
| James Wright.....                     | Removing ballast.....                       | 7 00     |           |
| J. H. Phinney.....                    | Repairing lamps.....                        | 6 85     |           |
| L. H. Vaughan & Bros .....            | Chains.....                                 | 37 19    |           |
| James Mitchell.....                   | On account labour at repairs.....           | 150 00   |           |
| J. B. Snowball.....                   | Lumber.....                                 | 18 09    |           |
| Geo. Watt.....                        | 5 gallons copper paint.....                 | 13 75    | 1,131 00  |
| <i>Muchias Seal Island Light.</i>     |   |          |           |
| David Webster.....                    | Balance of salary, to 10th June, 1883.....  | 13 72    |           |
| Chas. F. Seely.....                   | 12 months salary as Light-keeper.....       | 500 00   |           |
|                                       | Carried forward.....                        | 513 72   | 27,600 52 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., New Brunswick, etc.—Continued.

|   |   | \$    | cts. | \$     | cts. |
|---|---|-------|------|--------|------|
|   | Brought forward .....                         | 513   | 72   | 27,600 | 52   |
| <i>Machias Seal Island Light—Concluded.</i> |   |       |      |        |      |
| J. R. Cameron.....                          | Wicks, matches and chimneys.....              | 71    | 95   |        |      |
| A. J. Meloon.....                           | Boating .....                                 | 66    | 00   |        |      |
| F. H. & W. Wilder.....                      | Oil, postage and brushes.....                 | 20    | 47   |        |      |
| D. Hutchinson.....                          | Clock.....                                    | 22    | 26   |        |      |
| A. F. Dibblee.....                          | Boat.....                                     | 48    | 00   |        |      |
| D. J. O'Dell.....                           | Freight on oil .....                          | 3     | 62   |        |      |
| G. W. Meloon.....                           | Boating .....                                 | 91    | 00   |        |      |
| L. B. Barker & Sons.....                    | Medicine chest.....                           | 20    | 00   |        |      |
| G. Havenor.....                             | Repairing lamps.....                          | 37    | 80   |        |      |
| J. B. Smith.....                            | 26 days labour at repairs to light.....       | 65    | 00   |        |      |
| A. G. Bowes & Co.....                       | Fire grate.....                               | 2     | 95   |        |      |
| J. Woodley.....                             | Boat.....                                     | 50    | 00   |        |      |
| L. H. Vaughan & Bros..                      | Rope.....                                     | 0     | 64   |        |      |
| C. F. Seely.....                            | Boarding painters.....                        | 117   | 86   |        |      |
| R. Barbour.....                             | On account, painting Lighthouses.....         | 100   | 00   |        |      |
|   |   |       |      | 1,231  | 27   |
| <i>Midgie Bluff Light.</i>                  |   |       |      |        |      |
| Mrs. John W. McDiarmid                      | 12 months salary as Light-keeper.....         | \$197 | 52   |        |      |
| Receiver-General.....                       | do superannuation tax.....                    | 2     | 48   |        |      |
|   |   |       |      | 200    | 00   |
| Macauley Bros & Co.....                     | Cotton and towelling.....                     | 7     | 00   |        |      |
| T. B. Barker & Sons.....                    | Soap, alcohol and zinc.....                   | 19    | 30   |        |      |
| J. R. Cameron.....                          | Chimneys, wicks and burners .....             | 46    | 80   |        |      |
| Angus Burgess.....                          | Repairing, building, carting and freight..... | 84    | 53   |        |      |
|   |   |       |      | 357    | 63   |
| <i>Miscou Light.</i>                        |   |       |      |        |      |
| Robt. Rivers.....                           | 12 months salary as Light-keeper.....         | \$493 | 72   |        |      |
| Receiver-General.....                       | do superannuation tax.....                    | 6     | 28   |        |      |
|   |   |       |      | 500    | 00   |
| Wm. Sinclair.....                           | Boat and oars.....                            | 42    | 65   |        |      |
| John Ferguson.....                          | Paint, oil and cotton.....                    | 79    | 20   |        |      |
| J. R. Cameron.....                          | Burners and chimneys .....                    | 100   | 00   |        |      |
| G. Hevenor.....                             | Repairing burners.....                        | 2     | 25   |        |      |
| Shank & Burbridge.....                      | Freight on boat.....                          | 3     | 00   |        |      |
|   |   |       |      | 727    | 10   |
| <i>Musquash Island Light.</i>               |   |       |      |        |      |
| Daniel Smith.....                           | 12 months salary as Light-keeper.....         | 80    | 00   |        |      |
| Macauley Bros. & Co.....                    | Cotton and towels.....                        | 1     | 20   |        |      |
| J. R. Cameron.....                          | Wicks.....                                    | 1     | 18   |        |      |
|   |   |       |      | 82     | 38   |
| <i>Middle Island Light.</i>                 |   |       |      |        |      |
| David McEwen.....                           | 12 months salary as Light-keeper.....         | \$296 | 28   |        |      |
| Receiver-General.....                       | do superannuation tax.....                    | 3     | 72   |        |      |
|   |   |       |      | 300    | 00   |
| Wm. Masson.....                             | Cotton and flannel .....                      | 29    | 46   |        |      |
| John Ferguson.....                          | Paint, oil and cotton.....                    | 25    | 98   |        |      |
| Peter Loggie.....                           | Repairs, painting, etc.....                   | 245   | 00   |        |      |
| Geo. Watt.....                              | Paint and oil.....                            | 114   | 75   |        |      |
| Chas. Bennett.....                          | Repairing lantern.....                        | 16    | 00   |        |      |
| David McEwen.....                           | do chimney, windows, etc.....                 | 35    | 30   |        |      |
|   |   |       |      | 766    | 49   |
| <i>Mark's Point Light.</i>                  |   |       |      |        |      |
| Patrick Toomey.....                         | 12 months salary as Light-keeper.....         | 110   | 00   |        |      |
| John Boyd.....                              | Carting oil.....                              | 3     | 00   |        |      |
|   |   |       |      |        |      |
|   | Carried forward.....                          | 113   | 00   | 30,765 | 39   |



STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., New Brunswick, etc.—Continued.

|                            |  | \$ cts.  | \$ cts.   |
|----------------------------|--|----------|-----------|
|                            | Brought forward .....  | 113 00   | 30,765 39 |
|                            | <i>Mark's Point Light—Concluded.</i>   |          |           |
| Macauley, Bros. & Co. .... | Towels .....   | 3 15     |           |
| T. B. Barker & Sons .....  | Soap, oil and whitening .....  | 12 55    |           |
| J. R. Cameron.....         | Wicks and burners .....  | 4 35     |           |
| Wm. Carson.....            | Freight on oil, etc. ....  | 1 12     | 134 17    |
|                            | <i>No Man's Friend Light.</i>  |          |           |
| Morris Scovil .....        | 12 months salary as Light-keeper .....   | 80 00    |           |
| Macauley Bros. & Co.....   | Cotton and towels .....  | 1 62     |           |
| J. R. Cameron.....         | Chimneys and burners .....   | 6 25     |           |
| F. E. Harding .....        | Painting .....   | 17 50    | 165 37    |
|                            | <i>Neguc Light.</i>  |          |           |
| Wm. Drummond.....          | 12 months salary as Light-keeper.....  | 212 50   |           |
| Estate of Wm. Morrison..   | Salary to 30th June.....   | 37 03    |           |
| Wm. Masson.....            | Cotton, flannel and matches.....   | 42 93    |           |
| J. H. Phinney .....        | Stove and pipe .....   | 20 20    | 312 65    |
|                            | <i>Negro Town Point Light.</i>   |          |           |
| E. Ross .....              | 12 months salary as Light keeper.....  | \$296 28 |           |
| Receiver-General .....     | do superannuation tax.....   | 3 72     |           |
|                            |  | 300 00   |           |
| "Sun" Publishing Co....    | Advertising .....  | 6 00     |           |
| D. W. Clark .....          | Re-erecting tower on end of breakwater .....                                   | 978 59   |           |
| J. R. Cameron.....         | Wicks, burners and chimneys .....  | 107 21   |           |
| S. J. Drake .....          | Making blinds .....  | 5 09     |           |
| H. King .....              | Boating .....  | 23 20    |           |
| O. E. Harding & Son.....   | Lumber .....   | 72 00    |           |
| Wm. Lewis & Son .....      | Iron work and repairing .....  | 141 14   |           |
| Alex. Griffiths .....      | Painting and paint .....   | 43 97    |           |
| W. H. Thorne & Co. ....    | Glass .....  | 6 67     |           |
| G. Hevener .....           | Copper, and labour at repairs .....  | 25 95    |           |
| E. Ross .....              | Paid for boating .....   | 13 50    |           |
| L. H. Vaughan & Bros....   | Canvas .....   | 1 44     | 1,724 76  |
|                            | <i>McManus' Point Light.</i>   |          |           |
| Robert McMann.....         | 12 months salary as Light-keeper.....  | 80 00    |           |
| Macauley Bros. & Co.....   | Cotton and towels .....  | 1 95     |           |
| J. R. Cameron.....         | Wicks and matches .....  | 38 45    |           |
| T. B. Barker & Sons.....   | Oil, white lead and brooms.....  | 16 80    |           |
| R. McMann.....             | Painting, \$3; lumber, \$9; and boarding painter,<br>2 weeks, at \$4, \$8..... | 25 00    |           |
| F. E. Harding .....        | Painting .....   | 39 00    |           |
| C. E. Harding & Son.....   | Lumber.....  | 11 40    |           |
| Wm. Elliott .....          | Iron knees .....   | 2 00     |           |
| S. B. Stewart .....        | Carpenter's work at repairs .....  | 17 00    |           |
| James Millar & Bros.....   | Lumber .....   | 6 54     | 238 14    |
|                            | <i>Oak Point (St. John River) Light.</i>                                       |          |           |
| William McLeod.....        | 12 months salary as Light-keeper .....   | 80 00    |           |
| Macauley Bros. & Co .....  | Cotton .....   | 0 60     |           |
| J. R. Cameron.....         | Matches .....  | 0 20     |           |
| T. B. Barker & Sons.....   | Glass .....  | 2 05     |           |
| F. E. Harding .....        | Painting .....   | 15 00    |           |
| Wm. McLeod .....           | Boarding painter .....   | 5 00     | 102 85    |
|                            | Carried forward.....   |          | 33,383 33 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

|                                     |  | \$    | cts. | \$     | cts. |
|-------------------------------------|--|-------|------|--------|------|
| Brought forward.....                |  |       |      | 33,883 | 33   |
| <i>Oromocto Shoals Light.</i>       |  |       |      |        |      |
| C. H. Gilmour.....                  | 12 months salary as Light-keeper.....  | 80    | 00   |        |      |
| D. W. Clark.....                    | Carpenter's repairs.....   | 79    | 75   |        |      |
| Macauley Bros. & Co.....            | Cotton.....  | 0     | 60   |        |      |
| J. R. Cameron.....                  | Matches.....   | 1     | 40   |        |      |
|                                     |  |       |      | 161    | 75   |
| <i>Oak Point (Miramichi) Light.</i> |  |       |      |        |      |
| Peter Morrison.....                 | 12 months salary as Light-keeper.....  | 100   | 00   |        |      |
| Wm. Masson.....                     | Cotton, flannel and towels.....  | 34    | 49   |        |      |
| John Ferguson.....                  | Paint, oil and cotton.....   | 54    | 20   |        |      |
| Peter Morrison.....                 | Carting oil.....   | 4     | 00   |        |      |
| Chas. Bennett.....                  | Repairing lantern.....   | 18    | 00   |        |      |
| J. R. Cameron.....                  | Chimneys.....  | 7     | 50   |        |      |
|                                     |  |       |      | 218    | 19   |
| <i>Partridge Island Light.</i>      |  |       |      |        |      |
| James Wilson.....                   | 12 months salary as Light-keeper.....  | \$395 | 00   |        |      |
| Receiver-General.....               | do superannuation tax.....   | 5     | 00   |        |      |
|                                     |  | 400   | 00   |        |      |
| Macauley Bros. & Co.....            | Cotton, flannel and towels.....  | 55    | 85   |        |      |
| T. B. Barker & Sons.....            | Paint and oil.....   | 115   | 92   |        |      |
| J. R. Cameron.....                  | Burners, chimneys and wicks.....   | 144   | 35   |        |      |
| Geo. E. Bustin.....                 | Painting.....  | 63    | 50   |        |      |
| D. W. Clark.....                    | Repairs and glazing.....   | 141   | 79   |        |      |
| L. H. Vaughan & Bros.....           | Chain and rope.....  | 10    | 99   |        |      |
| Wm. Lewis & Son.....                | Iron knees.....  | 6     | 16   |        |      |
| Henry King.....                     | Boating.....   | 50    | 80   |        |      |
| Joseph Howard.....                  | Repairing boat.....  | 18    | 00   |        |      |
| O. Hevenor.....                     | do lamps.....  | 17    | 09   |        |      |
| James Wilson.....                   | Boarding painter.....  | 8     | 00   |        |      |
| A. G. Bowes & Co.....               | Stove grate.....   | 0     | 50   |        |      |
| E. Ross.....                        | Repairing boat.....  | 25    | 30   |        |      |
|                                     |  |       |      | 1,058  | 25   |
| <i>Point Lepreaux Light.</i>        |  |       |      |        |      |
| George Thomas.....                  | 12 months salary as Light-keeper.....  | \$395 | 00   |        |      |
| Receiver-General.....               | do superannuation tax.....   | 5     | 00   |        |      |
|                                     |  | 400   | 00   |        |      |
| Macauley Bros. & Co.....            | Cotton, flannels and towels.....   | 14    | 73   |        |      |
| T. B. Barker & Sons.....            | Nails and alcohol.....   | 65    | 95   |        |      |
| J. B. Cameron.....                  | Wicks, burners, chimneys, matches, etc.....  | 31    | 15   |        |      |
| C. E. Harding.....                  | Lumber.....  | 8     | 00   |        |      |
| J. W. Harrington.....               | Room paper.....  | 6     | 40   |        |      |
| Hugh Belmore.....                   | Freight on hardware, lumber, etc.....  | 20    | 00   |        |      |
| Henry King.....                     | Conveying painters to Light.....   | 20    | 00   |        |      |
| G. E. Bustin.....                   | Painting.....  | 57    | 50   |        |      |
| Geo. Thomas.....                    | Boarding painters, 52 days, at 60c., \$31.20; meals, \$2; and 15 days labour, \$25.50..... | 58    | 70   |        |      |
| Wm. Lewis & Son.....                | Iron work for derrick.....   | 88    | 24   |        |      |
| Wm. N. DeWitt.....                  | On account labour and repairs.....   | 100   | 00   |        |      |
|                                     |  |       |      | 870    | 67   |
| <i>Portage Island Light.</i>        |  |       |      |        |      |
| James Stymest.....                  | 12 months salary as Light-keeper.....  | \$197 | 52   |        |      |
| Receiver-General.....               | do superannuation tax.....   | 2     | 48   |        |      |
|                                     |  | 200   | 00   |        |      |
| Wm. Masson.....                     | Cotton, flannel and rope.....  | 54    | 79   |        |      |
| John Ferguson.....                  | Glass and putty.....   | 2     | 27   |        |      |
|                                     |  |       |      | 257    | 08   |
| Carried forward.....                |  |       |      | 35,949 | 25   |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

|                                 |   | \$ cts   | \$ cts-   |
|---------------------------------|---|----------|-----------|
| Brought forward .....           |   |          | 35,949 25 |
| <i>Pokemouche Light.</i>        |   |          |           |
| P. Robicheaux.....              | 12 months salary as Light-keeper.....                                 | \$197 52 |           |
| Receiver-General .....          | do superannuation tax.....  | 2 48     |           |
|                                 |   | 200 00   |           |
| Edward Mahar .. .....           | Labour moving beacon .....  | 5 00     |           |
| John Ferguson.....              | Paint, oil and cotton .....   | 70 65    |           |
| Walter Lane.....                | Lumber and labour boxing lantern .....                                | 1 65     |           |
| Wm Lewis & Son.....             | Iron work.....  | 16 60    |           |
| J. R. Cameron.....              | Burners and chimneys.....   | 27 00    |           |
| P. Robicheaux.....              | Carpenters repairs.....   | 43 90    |           |
| F. Robicheaux.....              | Carting lantern .....   | 8 00     |           |
|                                 |   | 372 80   |           |
| <i>Pea Point Light.</i>         |   |          |           |
| Alex. Davidson .....            | 12 months salary as Light-keeper.....                                 | \$246 88 |           |
| Receiver-General .....          | do superannuation tax.....  | 3 12     |           |
|                                 |   | 250 00   |           |
| Thomas Stewart & Co....         | Drills, lead and wheelbarrows .....                                   | 26 60    |           |
| Macauley Bros. Co.....          | Flannel and towelling.....  | 4 38     |           |
| W. H. Thorne & Co.....          | Oil, soap and whitelead .....   | 88 59    |           |
| J. R. Cameron.....              | Freight on burners and wicks.....                                     | 70 60    |           |
| Hugh Belmore .....              | Peight on oil, whitelead, wheelbarrows, etc.....                      | 24 00    |           |
| Alex. Davidson.....             | Allowance for fuel, to 30th June, 1883.....                           | 20 00    |           |
| S. G. Blizard .....             | Lumber .....  | 14 75    |           |
|                                 |   | 498 92   |           |
| <i>Passamaquoddy Boy Light.</i> |   |          |           |
| John Conley.....                | 5 months 8 days salary as Light-keeper,<br>to 8th December, 1883..... | \$151 22 |           |
| Receiver-General.. .....        | Superannuation tax .....  | 4 36     |           |
|                                 |   | 155 58   |           |
| Hugh Maloney.....               | 6 months 22 days salary as Light-keeper, to 30th<br>June, 1884 .....  | 194 42   |           |
| Macauley Bros. & Co.....        | Cotton, flannel, and Baize.....                                       | 19 60    |           |
| F. B. Barker & Son .....        | Soap, alcohol and oil .....   | 16 55    |           |
| J. R. Cameron.....              | Wicks, matches and oil .....  | 35 15    |           |
| A. Conley.....                  | Boating, water and labour .....                                       | 78 50    |           |
| A. Lamb.....                    | Stove and stove linings.....  | 18 85    |           |
| George Stickney.....            | Whitewash brushes.....  | 2 97     |           |
| William Carson.....             | Freight on lamps, etc.....  | 5 64     |           |
| Robinson & Glean .....          | Boiled oil and lead .....   | 29 17    |           |
| J. McNaughton .....             | Boating water.....  | 29 00    |           |
| A. C. Bowes & Co.....           | Oil tanks.....  | 36 00    |           |
| H. Belmore .....                | Freight on oil, lead, etc .....                                       | 14 00    |           |
| John Pendlebury .....           | New platform .....  | 18 00    |           |
| John Conley .....               | Boating .....   | 30 00    |           |
| H. Greenlaw.....                | Boating and repairing blocks .....                                    | 84 00    |           |
| H. Maloney .....                | Allowance for fuel, \$20, and boarding labourers,<br>\$19.20 .....    | 39 20    |           |
| E. S. Polleys .....             | Nails, brooms and pails.....  | 30 62    |           |
| L. H. Vaughan & Bros...         | Rope .....  | 14 40    |           |
| William Carson.....             | Freight on rope, etc.....   | 5 55     |           |
|                                 |   | 857 20   |           |
| <i>Preston's Beach Light.</i>   |   |          |           |
| Thomas Lewis.....               | 12 months salary as Light-keeper .....                                | 119 44   |           |
| H. Williston.....               | Carting supplies .....  | 6 00     |           |
| William Masson .....            | Cotton, flannel, matches .....  | 30 64    |           |
| John Ferguson.....              | Paint, oil and cotton .....   | 40 20    |           |
| M. Preston .....                | 1 year's rent of land.....  | 20 00    |           |
| Carried forward.....            |   | 216 28   | 37,678 17 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

|   |  | \$ cts.  | \$ cts.   |
|---|--|----------|-----------|
|   | Brought forward .....                                | 216 28   | 37,678 17 |
| <i>Preston's Beach Light—Concluded.</i> |  |          |           |
| Walter Lane.....                        | Lumber and labour boxing lantern.....                | 3 30     |           |
| O. Hevenor.....                         | New lantern .....                                    | 104 36   |           |
| J. R. Cameron.....                      | Chimneys and wicks .....                             | 9 50     |           |
| George Ingram.....                      | Painting building .....                              | 25 00    |           |
| Thomas Lewis.....                       | Carting lantern .....                                | 9 00     |           |
|   |  |          | 367 44    |
| <i>Petit Rocher Light.</i>              |  |          |           |
| Hilarion Roy.....                       | 12 months salary as Light-keeper.....                | \$148 12 |           |
| Receiver-General.....                   | do superannuation tax.....                           | 1 88     |           |
|   |  | 150 00   |           |
| Wm. Masson.....                         | Cotton, flannel and brooms.....                      | 24 74    |           |
|   |  |          | 174 74    |
| <i>Quaco Light.</i>                     |  |          |           |
| Wm. Love.....                           | 12 months salary as Light-keeper.....                | \$395 00 |           |
| Receiver-General.....                   | do superannuation tax.....                           | 5 00     |           |
|   |  | 400 00   |           |
| Macauley Bros. & Co.....                | Cotton and towels .....                              | 2 10     |           |
| J. R. Cameron.....                      | Chimneys, wicks and burners .....                    | 2 81     |           |
| D. W. Clark.....                        | Balance on contract, \$90; and cutting brushes, \$26 | 116 00   |           |
| Wm. Lewis & Son.....                    | Iron work .....                                      | 84 85    |           |
| R. Barker.....                          | Painting boat .....                                  | 8 00     |           |
| Estep, Allwood & Co.....                | Life preservers .....                                | 9 10     |           |
| F. A. Dibblee.....                      | Boat .....   | 48 40    |           |
| Robert H. McLean.....                   | Freight on boat .....                                | 4 40     |           |
| Henry King.....                         | Horse hire .....                                     | 9 00     |           |
| L. H. Vaughan & Bros.....               | Wire, rope and chain .....                           | 118 10   |           |
| "Sun" Publishing Co.....                | Advertising .....                                    | 14 00    |           |
| A. G. Bowes & Co.....                   | Tin pails and stove .....                            | 18 97    |           |
| J. E. Cochran.....                      | Labour on derrick, etc.....                          | 223 83   |           |
| H. Mosher.....                          | do .....   | 14 75    |           |
| John Carson.....                        | Timber .....   | 31 75    |           |
| John Lefurgy.....                       | Labour on derrick, etc.....                          | 4 50     |           |
| Wm. Wilson.....                         | Iron work .....                                      | 52 40    |           |
| J. E. Masher.....                       | Labour on derrick, etc.....                          | 111 00   |           |
| Chas. Brown.....                        | Making mast .....                                    | 9 00     |           |
| G. E. Parks.....                        | Labour on derrick, etc.....                          | 112 50   |           |
| John Powers.....                        | Ladder bolts .....                                   | 2 93     |           |
| G. E. Parks.....                        | Labour on derrick, etc.....                          | 27 50    |           |
| Robt. Brown.....                        | Labour and carting brush .....                       | 37 95    |           |
| W. H. Thorne & Co.....                  | Shovels and nails .....                              | 10 31    |           |
| Wm. Love.....                           | Making road .....                                    | 24 00    |           |
| Wm. Vaughan.....                        | Inspecting work .....                                | 155 00   |           |
| St. Martin's Manganese Co.....          | Lumber .....   | 56 00    |           |
| T. B. Barker & Sons.....                | Paint and oil.....                                   | 6 70     |           |
|   |  |          | 1,715 65  |
| <i>Robertson's Point Light.</i>         |  |          |           |
| Samuel Robertson.....                   | 12 months salary as Light-keeper .....               | 80 00    |           |
| J. R. Cameron.....                      | Burners .....  | 1 20     |           |
| F. E. Harding.....                      | Painting.....  | 15 00    |           |
| S. W. Robertson.....                    | Boarding painter .....                               | 4 00     |           |
|   |  |          | 100 20    |
| <i>Richibucto Light.</i>                |  |          |           |
| Fabien Richard.....                     | 12 months salary as Light-keeper.....                | \$182 68 |           |
| Receiver-General.....                   | do superannuation tax.....                           | 2 32     |           |
|   |  | 185 00   |           |
|   | Carried forward.....                                 | 185 00   | 40,036 20 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

|                                     |  | \$ cts. | \$ cts.   |
|-------------------------------------|--|---------|-----------|
|                                     | Brought forward .....                              | 185 00  | 40,036 20 |
|                                     | <i>Richibucto Light—Concluded.</i>                 |         |           |
| John Ferguson .....                 | Paint, oil and cotton .....                        | 33 75   |           |
| J. R. Cameron .....                 | Burners and chimneys .....                         | 12 10   | 230 85    |
|                                     | <i>Richibucto Beacon Light.</i>                    |         |           |
| Pacificque Leger .....              | 12 months salary as Light keeper.....\$            | 197 52  |           |
| Receiver-General .....              | do superannuation tax .....                        | 2 48    |           |
|                                     |  | 200 00  |           |
| John Ferguson .....                 | Paint, oil and cotton .....                        | 33 60   | 233 60    |
|                                     | <i>Public Wharf and Montgomery's Island Light.</i> |         |           |
| Henry McNeil .....                  | 12 months salary as Light-keeper.....              | 100 00  |           |
| Wm. Masson .....                    | Cotton, flannel and matches .....                  | 26 89   | 126 89    |
|                                     | <i>Railway Wharf and Moffat's Wharf Light.</i>     |         |           |
| Geo. Cumming .....                  | 12 months salary as Light-keeper.....              | 100 00  |           |
| J. R. Cameron .....                 | Burners and wicks .....                            | 4 50    |           |
| Wm. Masson .....                    | Cotton, flannel and wicks.....                     | 29 44   | 133 94    |
|                                     | <i>South Tracadie Light.</i>                       |         |           |
| Joseph Forbes .....                 | 12 months salary as Light-keeper..... \$           | 148 12  |           |
| Receiver-General .....              | do superannuation tax.....                         | 1 88    |           |
|                                     |  |         | 230 85    |
|                                     | <i>Swallow Tail Light.</i>                         |         |           |
| John M. Kent .....                  | 12 months salary as Light-keeper..... \$           | 395 00  |           |
| Receiver-General .....              | do superannuation tax.....                         | 5 00    |           |
|                                     |  | 400 00  |           |
| L. H. Vaughan & Bros .....          | Rope, blocks and iron .....                        | 289 21  |           |
| Thos. Stewart & Co. ....            | Soldering iron.....                                | 24 40   |           |
| Macanley Bros. & Co. ....           | Bunting, towelling and canvas.....                 | 106 95  |           |
| C. E. Harding & Son.....            | Lumber .....                                       | 345 99  |           |
| W. H. Thorne & Co.....              | Paint, lead, alcohol, lead and iron .....          | 300 88  |           |
| J. R. Cameron .....                 | Wicks, burners and chimneys .....                  | 124 35  |           |
| John Powers.....                    | Blacksmith work .....                              | 12 35   |           |
| H. Belmore.....                     | Freight on coal and labour hoisting coal .....     | 84 00   |           |
| Walter Lane.....                    | Carpenter work and building tramway .....          | 154 45  |           |
| J. H. Kent.....                     | Boarding carpenters, 39½ days, at 75c, \$          | 29.62;  |           |
|                                     | labour, \$46.50 .....                              | 75 12   |           |
| S. J. Naves & Co. ....              | Freight on uprights, boards, etc.....              | 26 40   |           |
| E. Gaskill.....                     | do iron, planks, etc.....                          | 14 40   |           |
| Wm. Lewis & Son .....               | Iron strap, derrick and iron car wheels .....      | 127 29  |           |
| Robt. Barbour .....                 | Painting .....                                     | 92 60   |           |
| Jas. Small.....                     | Carting saad, and labour.....                      | 92 50   |           |
| S. G. Blizzard .....                | Lumber .....                                       | 26 50   |           |
| Haley Bros .....                    | Sashes.....  | 18 35   |           |
| A. G. Bowes & Co.....               | Stovepipe .....                                    | 13 00   |           |
| Simon Harvey .....                  | Carpenter work.....                                | 7 00    |           |
| Robert Bell.....                    | Labour, 7 days, at \$2 00.....                     | 14 00   |           |
| F. F. McNichol .....                | Repairing lamps .....                              | 7 40    |           |
| Thos. Redmond.....                  | Nails, paint and oil .....                         | 20 10   |           |
| Geo. Watt .....                     | Freight on iron, sheet lead, etc.....              | 5 07    |           |
| G. Hevenor .....                    | Stovepipe .....                                    | 3 12    |           |
| F. Cronk .....                      | Freight on lumber, etc.....                        | 43 20   |           |
| Joggins Coal Mine Association ..... | 14 tons coal, at \$2.40 .....                      | 33 60   |           |
|                                     | Carried forward .....                              |         | 43,383 71 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

|                              |  | \$    | cts. | \$     | cts. |
|------------------------------|--|-------|------|--------|------|
| Brought forward.....         |  |       |      | 43,383 | 71   |
| <i>Saint Andrew's Light.</i> |  |       |      |        |      |
| Geo. Pendlebury.....         | 12 months salary as Light-keeper.....                              | \$296 | 28   |        |      |
| Receiver-General .....       | do superannuation tax.....   | 3     | 72   |        |      |
|                              |  |       |      | 300    | 00   |
| L. H. Vaughan & Bros.....    | Rope.....  |       |      | 2      | 34   |
| Macaulay Bros. & Co.....     | Cotton, flannel and sails.....                                     |       |      | 40     | 33   |
| T. B. Barker & Sons.....     | Oil, turpentine and brushes.....                                   |       |      | 38     | 15   |
| J. R. Cameron.....           | Chimneys and wicks.....  |       |      | 9      | 85   |
| Wm. Carson.....              | Freight on oil, turpentine, dry goods, etc.....                    |       |      | 7      | 64   |
| C. E. Harding & Son.....     | Lumber.....  | 61    | 85   |        |      |
| Hugh Belmore.....            | Freight on coal.....   | 3     | 50   |        |      |
| Wm. Lewis & Son.....         | Ironing boat.....  | 3     | 25   |        |      |
| R. Stinson.....              | Freight on oil tank.....   | 1     | 00   |        |      |
| E. S. Polleys.....           | Rope and spikes.....   | 2     | 84   |        |      |
| Geo. Pendlebury.....         | Allowance for fuel, 1883-84.....                                   | 20    | 00   |        |      |
|                              |  |       |      | 490    | 75   |
| <i>Spruce Point Light.</i>   |  |       |      |        |      |
| John Boyd.....               | 12 months salary as Light-keeper.....                              | 110   | 00   |        |      |
| Macaulay Bros & Co.....      | Cotton, flannel and towelling.....                                 | 4     | 20   |        |      |
| T. B. Barker & Sons.....     | Oil, paint and brushes.....  | 16    | 20   |        |      |
| J. R. Cameron.....           | Chimneys, wick and matches.....                                    | 6     | 85   |        |      |
| John Smith.....              | Copper paint.....  | 5     | 00   |        |      |
| Wm. Carson.....              | Freight on boat etc.....   | 9     | 65   |        |      |
| John Woodley.....            | Boat.....  | 46    | 50   |        |      |
| Robt. Barbour.....           | Painting boat.....   | 8     | 00   |        |      |
| Estey, Allwood & Co.....     | Life preservers.....   | 6     | 25   |        |      |
| R. Stinson.....              | Freight on boat.....   | 5     | 00   |        |      |
|                              |  |       |      | 217    | 65   |
| <i>Sand Point Light.</i>     |  |       |      |        |      |
| Richard Wagner.....          | 12 months salary as Light-keeper.....                              | 80    | 00   |        |      |
| W. H. Thorne & Co.....       | Zinc and copper tacks.....   | 0     | 98   |        |      |
| Saunders Clark.....          | Tinsmith's repairs.....  | 19    | 05   |        |      |
| Wm. Lewis & Son.....         | Iron and screw bolts.....  | 2     | 24   |        |      |
| R. Barbour.....              | Painting building.....   | 26    | 60   |        |      |
| T. B. Barker & Sons.....     | Paint and oil.....   | 16    | 60   |        |      |
| Richard Wagner.....          | Boarding painter two weeks, \$7; and carting supplies, \$3.61..... | 10    | 61   |        |      |
| G. Hevenor.....              | Repairing lamps.....   | 6     | 87   |        |      |
|                              |  |       |      | 162    | 95   |
| <i>Shediac Light.</i>        |  |       |      |        |      |
| M. Robinson.....             | 12 months salary as Light-keeper.....                              | \$246 | 88   |        |      |
| Receiver-General.....        | do superannuation tax.....   | 3     | 12   |        |      |
|                              |  |       |      | 250    | 00   |
| Wm. Masson.....              | Cotton and flannel.....  | 25    | 39   |        |      |
| John Ferguson.....           | Cotton, flannel and brushes.....                                   | 27    | 55   |        |      |
| M. Robinson.....             | Repairing steps.....   | 6     | 00   |        |      |
|                              |  |       |      | 308    | 94   |
| <i>Southern Wolf Light.</i>  |  |       |      |        |      |
| Ezra Munroe.....             | 12 months salary as Light-keeper.....                              | \$494 | 36   |        |      |
| Receiver-General.....        | do superannuation tax.....   | 5     | 64   |        |      |
|                              |  |       |      | 500    | 00   |
| Thos. Stewart & Co.....      | Wheelbarrow and waste.....   | 23    | 00   |        |      |
| Macaulay Bros & Co.....      | Cotton, flannel and towelling.....                                 | 47    | 00   |        |      |
| L. H. Vaughan & Bros.....    | Iron, rope and chain.....  | 65    | 94   |        |      |
| J. R. Cameron.....           | Wicks, chimneys and burners.....                                   | 77    | 85   |        |      |
|                              |  |       |      | 713    | 79   |
| Carried forward.....         |  |       |      | 44,564 | 00   |

**STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.**

|                                       |  | \$    | cts. | \$     | cts. |
|---------------------------------------|--|-------|------|--------|------|
| Brought forward.....                  |  |       |      | 44,564 | 00   |
| <i>Southern Wolf Light—Concluded.</i> |  |       |      |        |      |
| W. H. Thorne & Co.....                | Oil, paint and soap.....   | 42    | 75   |        |      |
| R. P. & W. F. Starr.....              | Freight on coal.....   | 7     | 79   |        |      |
| Hugh Belmore.....                     | do.....  | 110   | 00   |        |      |
| D. J. O'Dell.....                     | do.....  | 0     | 63   |        |      |
| Joggins Coal Mine Ass'n               | 12 tons of coal, at \$2.40.....  | 28    | 80   |        |      |
| Wm. Lewis & Son.....                  | Derrick and winch.....   | 90    | 65   |        |      |
| G. Hevenor.....                       | Repairing burners.....   | 2     | 25   |        |      |
| S. G. Blizard.....                    | Lumber.....  | 113   | 48   |        |      |
| C. E. Harding & Son.....              | do.....  | 66    | 05   |        |      |
| Ezra Munroe.....                      | Labour on coal.....  | 15    | 44   |        |      |
| R. P. McGivern.....                   | Coal.....  | 12    | 03   |        |      |
|                                       |  |       |      | 1,203  | 66-  |
| <i>Shippegan Light.</i>               |  |       |      |        |      |
| F. H. Dumaresq.....                   | 12 months salary as Light keeper.....  | \$237 | 00   |        |      |
| Receiver-General.....                 | do superannuation tax.....   | 3     | 00   |        |      |
|                                       |  |       |      | 240    | 00   |
| F. H. Dumaresq.....                   | Increase of salary, May and June, 1883.....  | 6     | 66   |        |      |
| do.....                               | Postage, cotton and wood.....  | 9     | 28   |        |      |
| John Ferguson.....                    | Paint, oil and cotton.....   | 53    | 87   |        |      |
| J. A. Dumaresq.....                   | Carting oil.....   | 2     | 50   |        |      |
| J. R. Cameron.....                    | Wicks.....   | 1     | 25   |        |      |
|                                       |  |       |      | 313    | 55-  |
| <i>Sheldrake Island Light.</i>        |  |       |      |        |      |
| Duncan Morrison.....                  | 12 months salary as Light keeper.....  | \$296 | 28   |        |      |
| Receiver-General.....                 | do superannuation tax.....   | 3     | 72   |        |      |
|                                       |  |       |      | 300    | 00   |
| Wm. Masson.....                       | Cotton, flannel and rope.....  | 39    | 23   |        |      |
| John Ferguson.....                    | Paint, oil and cotton.....   | 38    | 70   |        |      |
| J. H. Phinney.....                    | Stove.....   | 8     | 50   |        |      |
|                                       |  |       |      | 336    | 43-  |
| <i>South-West Head Light.</i>         |  |       |      |        |      |
| W. B. McLaughlin.....                 | 12 months salary as Light-keeper.....  | \$493 | 72   |        |      |
| Receiver-General.....                 | do superannuation tax.....   | 6     | 28   |        |      |
|                                       |  |       |      | 500    | 00   |
| L. H. Vaughan & Bros....              | Rope, glass and putty.....   | 144   | 75   |        |      |
| Macaulay Bros. & Co....               | Cotton, towelling and baize.....   | 40    | 48   |        |      |
| J. R. Cameron.....                    | Chimneys, wicks and burners.....   | 38    | 60   |        |      |
| T. B. Barker & Sons.....              | Paint, oil and glass.....  | 186   | 61   |        |      |
| W. H. Thorne & Co.....                | Nails, tubs and iron.....  | 40    | 71   |        |      |
| H. Belmore.....                       | Freight on oil and coal.....   | 104   | 00   |        |      |
| P. P. & W. F. Starr.....              | 1 ton of coal, at \$6; cooperage, \$1.60.....  | 7     | 60   |        |      |
| C. E. Harding & Son.....              | Lumber.....  | 29    | 70   |        |      |
| Joggins Coal Mine Ass'n               | 14 tons of coal, at \$2.40.....  | 33    | 60   |        |      |
| S. G. Blizard.....                    | Lumber.....  | 4     | 50   |        |      |
| Walter Lane.....                      | Repairing roof.....  | 86    | 00   |        |      |
| W. B. McLaughlin.....                 | Postage, \$30; boarding carpenters and painters, 65 days, at 75c., \$131.25; room paper, \$15.41; and repairing road, \$100..... | 289   | 66   |        |      |
| Fred. Nutter.....                     | Carting.....   | 4     | 25   |        |      |
| E. Gaskill.....                       | Freight on glass.....  | 5     | 10   |        |      |
| A. J. McLaughlin.....                 | Carting oil and lumber.....  | 92    | 30   |        |      |
| Ottawa McLaughlin.....                | Carting coal and 2 cords wood.....   | 123   | 20   |        |      |
| F. McLaughlin.....                    | do.....  | 4     | 00   |        |      |
| Charles Russell.....                  | do.....  | 4     | 00   |        |      |
| R. Barbour.....                       | Painting building.....   | 329   | 00   |        |      |
| G. Hevenor.....                       | Repairing lamps.....   | 67    | 48   |        |      |
|                                       |  |       |      | 2,135  | 54-  |
| Carried forward.....                  |  |       |      | 46,467 | 65-  |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued,

|   |                                       | \$ cts.  | \$ cts.   |
|---|---------------------------------------|----------|-----------|
| Brought forward.....                    |                                       | 2,135 54 | 46,467 65 |
| <i>South-West Head Light—Concluded.</i> |                                       |          |           |
| Wm. Lewis & Son.....                    | Iron work on derrick.....             | 91 44    |           |
| F. McNichol.....                        | Repairing lantern.....                | 19 25    |           |
|   |                                       |          | 2,216 23  |
| <i>Tracadie (North) Light.</i>          |                                       |          |           |
| Wm. Archer.....                         | 12 months salary as Light-keeper..... | \$237 00 |           |
| Receiver-General.....                   | do superannuation tax.....            | 3 00     |           |
|   |                                       |          | 240 00    |
| John Ferguson.....                      | Paint, oil and cotton.....            | 43 85    |           |
| Wm. Ferguson.....                       | do do.....                            | 19 16    |           |
| Wm Archer.....                          | Allowance for fuel.....               | 10 00    |           |
|   |                                       |          | 316 01    |
| <i>Tabusintac Light.</i>                |                                       |          |           |
| Thos. Savoy.....                        | 12 months salary as Light-keeper..... | \$197 52 |           |
| Receiver-General.....                   | do superannuation tax.....            | 2 48     |           |
|   |                                       |          | 200 00    |
| Wm. Masson.....                         | Cotton, flannel and brooms.....       | 31 39    |           |
| James O. Fish.....                      | Horse hire.....                       | 7 00     |           |
| G. Hevenor.....                         | Copper, pipe and labour.....          | 42 09    |           |
| Romain Savoy.....                       | Carting supplies.....                 | 12 00    |           |
|   |                                       |          | 292 48    |
| <i>Wilmot's Bluff Light.</i>            |                                       |          |           |
| J. D. Wilmot.....                       | 12 months salary as Light-keeper..... | 80 00    |           |
| J. R. Cameron.....                      | Chimneys and wicks.....               | 1 45     |           |
| J. D. Wilmot.....                       | Carting oil and lantern.....          | 1 75     |           |
| F. A. McKenzie.....                     | 2 barrels oil.....                    | 30 12    |           |
|   |                                       |          | 113 32    |
| <i>Hay Island Light.</i>                |                                       |          |           |
| Joseph McKnight.....                    | 12 months salary as Light-keeper..... | \$148 12 |           |
| Receiver-General.....                   | do superannuation tax.....            | 1 88     |           |
|   |                                       |          | 150 00    |
| Joseph McKnight.....                    | Carting supplies.....                 | 14 00    |           |
| Wm. Masson.....                         | Cotton, flannel and burners.....      | 27 19    |           |
| John Morrissey.....                     | Horse hire.....                       | 3 00     |           |
| J. O. & Germain Savoy..                 | 3 years rent of land.....             | 20 50    |           |
|   |                                       |          | 214 69    |
| <i>Buctouche Beacon Light.</i>          |                                       |          |           |
| T. B. Robicheaux.....                   | 12 months salary as Light-keeper..... | \$148 12 |           |
| Receiver-General.....                   | do superannuation tax.....            | 1 88     |           |
|   |                                       |          | 150 00    |
| J. B. Cameron.....                      | Chimneys and burners.....             | 22 65    |           |
| Wm. Masson.....                         | Cotton, flannel and brushes.....      | 17 52    |           |
| T. B. Robicheaux.....                   | Paid for painting, etc.....           | 54 40    |           |
| John Ferguson.....                      | Paint and oil.....                    | 15 00    |           |
| F. E. W. Pouliot.....                   | Stove and stovepipe.....              | 12 80    |           |
|   |                                       |          | 272 37    |
| <i>Poquesudie Light.</i>                |                                       |          |           |
| Octave Hachey.....                      | 12 months salary as Light-keeper..... | \$148 12 |           |
| Receiver-General.....                   | do superannuation tax.....            | 1 88     |           |
|   |                                       |          | 150 00    |
| B. Boutillier.....                      | 1 year's rent of land.....            | 4 00     |           |
|   |                                       |          | 154 00    |
| Carried forward.....                    |                                       | 154 00   | 49,922 75 |



STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

|                                    |  | \$ cts.  | \$ cts.   |
|------------------------------------|--|----------|-----------|
|                                    | Brought forward .....                    | 154 00   | 49,922 75 |
| <i>Poquesudie Light—Concluded.</i> |  |          |           |
| Octave Hachey .....                | Building dwelling-house .....            | 170 00   |           |
| John Ferguson .....                | Paint and oil.....                       | 71 50    |           |
|                                    |  |          | 395 50    |
| <i>Belyea's Point Light.</i>       |  |          |           |
| S. B. Belyea .....                 | 12 months salary as Light-keeper .....   | 80 00    |           |
| Macauley Bros. & Co.....           | Cotton, flannel and towels .....         | 3 75     |           |
| J. R. Cameron .....                | Matches.....                             | 0 20     |           |
| T. B. Barker & Sons.....           | Brushes, paint and alcohol.....          | 34 74    |           |
| Nath. Belyea .....                 | Boarding painters .....                  | 9 00     |           |
| R. Barbour.....                    | Painting .....                           | 41 60    |           |
| W. H. Thorne & Co .....            | Paint and oil.....                       | 1 75     |           |
| "Sun" Publishing Co....            | Advertising .....                        | 4 00     |           |
|                                    |  |          | 175 04    |
| <i>Bay du Vin Light.</i>           |  |          |           |
| Jas. Chapman .....                 | 12 months salary as Light-keeper .....   | 200 00   |           |
| Wm. Masson.....                    | Cotton, flannel and towels.....          | 43 15    |           |
| Wm. Sinclair.....                  | Boat and oars.....                       | 42 62    |           |
| John Ferguson..                    | Bait and oil.....                        | 15 00    |           |
| Miramichi Foundry.....             | Repairing hoisting gear .....            | 3 00     |           |
| Jas. Gregan .....                  | Carting oil and supplies.....            | 4 00     |           |
|                                    |  |          | 307 77    |
| <i>Church Point Light.</i>         |  |          |           |
| D. O. Maillet.....                 | 12 months salary as Light-keeper .....   | 150 00   |           |
| Jas. Mitchell.....                 | Freight on supplies.....                 | 4 45     |           |
| J. D. Weldon .....                 | Horse hire.....                          | 10 00    |           |
| Wm. Masson .....                   | Cotton, flannel and towels .....         | 55 79    |           |
|                                    |  |          | 220 24    |
| <i>Belledune Light.</i>            |  |          |           |
| Wm. Masson.....                    | Cotton, flannel and towels.....          | 11 57    |           |
| Allan Seaward .....                | Cutting trees.....                       | 10 00    |           |
|                                    |  |          | 21 57     |
| <i>Pointe du Chêne Light.</i>      |  |          |           |
| A. McQueen .....                   | Freight on glass.....                    | 0 55     |           |
|                                    |  |          | 0 55      |
| <i>Cape Enrage Fog Alarm.</i>      |  |          |           |
| W. S. Starratt.....                | 12 months salary as Keeper .....         | \$395 00 |           |
| Receiver-General .....             | do superannuation tax.....               | 5 00     |           |
|                                    |  |          | 400 00    |
| L. H. Vaughan & Bros...            | Cement, iron pipe and iron .....         | 67 06    |           |
| W. S. Starratt.....                | Lumber, building coal shed, etc.....     | 417 25   |           |
| Lee Bros. ....                     | Bricks.....                              | 91 00    |           |
| Harding & Hatheway .....           | Cement .....                             | 17 00    |           |
| Joggins Coal Mine Ass...           | 132 tons coal, at \$2.40 .....           | 316 80   |           |
| W. H. Thorne & Co.....             | Valves, pipes, iron, taps and dies ..... | 187 48   |           |
| H. H. Hoar .....                   | Freight on bricks and cement .....       | 13 80    |           |
| Wm. Wood .....                     | Freight on coal.....                     | 295 68   |           |
| "Sun" Publishing Co ...            | Advertising .....                        | 7 00     |           |
| Daniel Tingley.....                | Carting coal .....                       | 133 00   |           |
| E. Willis.....                     | Advertising .....                        | 11 00    |           |
| T. McAvity & Sons.....             | Drilling flange .....                    | 3 00     |           |
| J. & W. F. Harrison .....          | Freight per steamer "Petrel" .....       | 29 75    |           |
| Robt. Tingley.....                 | 10 cords wood .....                      | 40 00    |           |
|                                    |  |          | 2,029 82  |
|                                    | Carried forward.....                     |          | 53,073 24 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc. — *Continued.*

|                                 |   | \$ cts.  | \$ cts.   |
|---------------------------------|---|----------|-----------|
| Brought forward .....           |   |          | 53,073 24 |
| <i>Escuminac Fog Alarm.</i>     |   |          |           |
| Thos. Phillips .....            | 12 months salary as Keeper .....  | \$395 00 |           |
| Receiver-General .....          | do superannuation tax .....   | 5 00     |           |
|                                 |   | 400 00   |           |
| Thos. Phillips .....            | Paid for landing coal .....   | 70 42    |           |
| do .....                        | Paid for measuring lands .....  | 2 00     |           |
| "Sun" Publishing Co .....       | Advertising .....   | 4 00     |           |
| R. R. Call .....                | 79,634 tons coal, at \$5.45 .....   | 432 26   |           |
| Geo. Watt .....                 | Lubricating oil .....   | 35 70    |           |
| Jas. Nash .....                 | 10 cords wood, at \$3 .....   | 35 00    |           |
| J. R. Cameron .....             | Chimneys and wicks .....  | 3 00     |           |
|                                 |   |          | 982 38    |
| <i>Grindstone Island Alarm.</i> |   |          |           |
| J. R. Styles .....              | 12 months salary as Keeper .....  | \$296 28 |           |
| Receiver-General .....          | do superannuation tax .....   | 3 72     |           |
|                                 |   | 300 00   |           |
| L. H. Vaughan & Bros .....      | Lard, oil and tacks .....   | 14 41    |           |
| Macauley Bros & Co .....        | Cotton and baize .....  | 6 70     |           |
| T. B. Barker & Sons .....       | Soap, rope and brushes .....  | 43 45    |           |
| Joggins Coal Mine Ass. ....     | 88 tons coal, at \$2.40 .....   | 211 20   |           |
| Wm. Wood .....                  | Freight on oil, \$16.40; freight on coal, \$197 .....   | 213 40   |           |
| J. R. Styles .....              | Expenses landing coal .....   | 12 39    |           |
| John McKinley .....             | Storing coal .....  | 5 10     |           |
| James Russell .....             | Storing coal .....  | 5 60     |           |
| James Carnsworth .....          | 4 cords woods, at \$5.50 per cord .....   | 22 00    |           |
| R. O. Bacon .....               | Powder, shovel and fuse .....   | 4 35     |           |
| J. B. Smith .....               | Labour and travelling expenses .....  | 42 58    |           |
| George Smith .....              | On account of travelling expenses .....   | 25 00    |           |
| Estay, Allwood & Co .....       | Taps and dies .....   | 21 76    |           |
|                                 |   |          | 927 94    |
| <i>Grand Manan Fog-Alarm.</i>   |   |          |           |
| James Tatten .....              | 12 months salary as Keeper .....  | \$693 72 |           |
| Receiver-General .....          | do superannuation tax .....   | 6 28     |           |
|                                 |   | 700 00   |           |
| L. H. Vaughan & Bros .....      | Nails, sheet iron and rope .....  | 55 52    |           |
| Thomas W Robinson .....         | Top wharfage on boiler .....  | 12 20    |           |
| Thomas Stewart .....            | Drills, leather and lead .....  | 50 20    |           |
| Macauley Bros & Co .....        | Cotton, flannel and towelling .....   | 88 75    |           |
| J. R. Cameron .....             | Lamps and matches .....   | 3 40     |           |
| D. L. Hutchinson .....          | Clock .....   | 12 50    |           |
| Estay, Allwood & Co .....       | Washers, bolts and iron .....   | 211 32   |           |
| Wm. Kent .....                  | Freight on chimneys .....   | 8 60     |           |
| D. W. Clark .....               | Freight on boiler, \$450; brick work, \$738 .....   | 1,188 00 |           |
| E. Willis .....                 | Advertising .....   | 5 60     |           |
| Hugh Belmore .....              | Freight on lumber .....   | 30 00    |           |
| T. B. Barker & Sons .....       | Paint, oil and brooms .....   | 107 42   |           |
| S. G. Blizard .....             | Lumber .....  | 59 50    |           |
| C. E. Harding & Son .....       | do .....  | 188 07   |           |
| Wm. Lewis & Son .....           | Placing boiler, \$1,387.59; and repairs on boiler, \$108.15 .....   | 1,495 74 |           |
| Wm. M. Smith .....              | Travelling expenses inspecting .....  | 14 60    |           |
| D. McLaughlin .....             | Repairs to old boiler and smoke stack .....   | 1,375 18 |           |
| "Sun" Publishing Co .....       | Advertising .....   | 38 00    |           |
| George Smith .....              | Repairing old boiler, \$271.75; travelling expenses, \$30 .....   | 301 75   |           |
| James Tatten .....              | Boarding engineers and carpenters 104 weeks and 1½ days, at \$4 per week, \$416.93; and lumber, \$2 ..... | 418 93   |           |
| Fred. Nutter .....              | Carting .....   | 23 00    |           |
| Carried forward .....           |   | 6,388 28 | 54,983 56 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

|                                     |  | \$ cts.  | \$ cts.   |
|-------------------------------------|--|----------|-----------|
|                                     | Brought forward .....  | 6,388 28 | 54,983 56 |
|                                     | <i>Grand Manin Fog-Alarm—Concluded.</i>                                |          |           |
| Joggins Coal Mine Association ..... | 180 tons coal, at \$2.40 = \$432; on account of<br>f eight, \$12 ..... | 444 00   |           |
| R. McDonald .....                   | Freight on coal.....   | 516 60   |           |
| Wm. Russell.....                    | Carting coal .....   | 49 20    |           |
| E. Gaskill.....                     | Freight on cans, kegs, etc.....  | 14 95    |           |
| W. B. Guptill .....                 | Freight on iron boiler plates, etc .....                               | 1 50     |           |
| E. Emerson .....                    | Galvanized iron pipe .....   | 9 00     |           |
| Haley Bros. & Co.....               | Window frames.....   | 15 75    |           |
| Henry Whelplay .....                | Labour on staging .....  | 10 00    |           |
| G. F. Tatten .....                  | Carting boiler fittings .....  | 35 00    |           |
| E. Willis .....                     | Advertising .....  | 11 00    |           |
| George Tatten .....                 | Carting 135 tons coal, and labour.....                                 | 185 68   |           |
| T. McArity & Sons .....             | Whistle valve and flange .....   | 727 75   |           |
| W. E. Tatten .....                  | Lumber .....   | 5 90     |           |
| J. B. Smith.....                    | Labour and travelling expenses .....                                   | 25 00    |           |
| John Smith.....                     | Castings and labour .....  | 16 84    |           |
| C. Hevener.....                     | Copper pipe and flanges.....   | 92 06    |           |
| Robert Be l.....                    | 4 days mason work.....   | 10 00    |           |
|                                     |  |          | 8,558 51  |
|                                     | <i>Letete Fog-Alarm.</i>   |          |           |
| George Helms .....                  | 12 months salary as Keeper .....                                       | \$394 36 |           |
| Receiver-General .....              | do superannuation tax .....  | 3 64     |           |
|                                     |  | 400 00   |           |
| Sidney Dines.....                   | 12 months salary as assistant engineer.....                            | 150 00   |           |
| L. H. Vaughan & Bros.....           | Rope, iron and nails .....   | 296 57   |           |
| Macauley Bros. & Co.....            | Cotton, flannel and towels .....                                       | 33 05    |           |
| T. B. Barker & Sons.....            | Nails, oil and paint. ....   | 174 41   |           |
| H. Belmore .....                    | Freight on lumber and paint.....                                       | 35 00    |           |
| Thomas Stewart & Co.....            | Tallow, dies and rubber .....  | 41 40    |           |
| Neil A. Seelye.....                 | Boarding machinist 3 weeks, at \$3.50.....                             | 21 00    |           |
| W. H. Thorne & Co.....              | Glass .....  | 32 00    |           |
| George Helms .....                  | Travelling expenses .....  | 53 25    |           |
| "Sun" Publishing Co .....           | Advertising .....  | 7 00     |           |
| Alex. Dick .....                    | Tallow .....   | 7 85     |           |
| R. McDonald .....                   | Freight on coal .....  | 195 78   |           |
| Joseph Chambers .....               | Hauling cordwood.....  | 30 25    |           |
| A. & J. McLean .....                | Brushhes, matches and nails .....                                      | 4 50     |           |
| Wm. Lewis & Son .....               | Labour and repairing boiler.....                                       | 509 32   |           |
| S. G. Blizard .....                 | Lumber .....   | 84 55    |           |
| R. B. Stevenson.....                | Searching records .....  | 5 00     |           |
| J. R. Cameron.....                  | Oil cans .....   | 1 00     |           |
|                                     |  |          | 2,081 93  |
|                                     | <i>Head Harbours Alarm.</i>  |          |           |
| Neil A. Seelye.....                 | 12 months salary as Keeper.....  | 300 00   |           |
| L. H. Vaughan & Bros.....           | Rope .....   | 325 64   |           |
| Macauley Bros & Co .....            | Flannel, crash and waste.....  | 29 40    |           |
| J. B. Cameron.....                  | Chimneys.....  | 6 90     |           |
| W. H. Thorne & Co .....             | Files, oil and paint.....  | 27 12    |           |
| T. B. Barker & Sons .....           | Paint and oil.....   | 36 58    |           |
| Hugh Belmore.....                   | Freight on coal.....   | 125 50   |           |
| Estey, Allwood & Co .....           | Valves .....   | 16 15    |           |
| Joggins Coal Mine Ass.              | .8 tons coal, at \$2.40. ....  | 139 20   |           |
| John Boyd.....                      | Labour hoisting coal.....  | 24 00    |           |
| E. Lantlum & Co .....               | Ship's bell .....  | 12 95    |           |
| Wm. Irvine.....                     | On account freight on coal.....  | 150 00   |           |
| Neil A. Seelye.....                 | Nails and freight.....   | 13 62    |           |
|                                     |  |          | 1,207 06  |
|                                     | Carried forward.....   |          | 66,831 06 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

|                                       |   | \$ cts.  | \$ cts.   |
|---------------------------------------|---|----------|-----------|
| Brought forward .....                 |   |          | 66,831 06 |
| <i>Miscou Fog-Alarm.</i>              |   |          |           |
| Robt. Rivers.....                     | 12 months salary as Keeper .....                          | \$296 28 |           |
| Receiver-General.....                 | do superannuation tax .....                               | 3 71     |           |
|                                       |   |          | 300 00    |
| R. B. Call.....                       | 17 tons 1,090 lbs. coal, at \$5.45.....                   |          | 422 62    |
| Miramichi Foundry.....                | Copper pipe and crank.....                                |          | 57 00     |
| Thos. Stewart & Co.....               | Whistle and valve.....                                    |          | 114 70    |
| Geo. Watt.....                        | Paint, oil and cement.....                                |          | 64 30     |
| Robt. Rivers.....                     | Freight, labour landing coal and hardwood.....            |          | 327 73    |
|                                       |   |          | 1,266 35  |
| <i>Machias Seal Island Fog-Alarm.</i> |   |          |           |
| Chas. F. Seely.....                   | 12 months salary as Keeper .....                          |          | 570 00    |
| David Webster.....                    | Salary to 30th June, as Keeper .....                      |          | 13 88     |
| H. W. Chisholm.....                   | Freight and passage of engineer .....                     |          | 23 00     |
| L. H. Vaughan & Bros.....             | Oars .....  |          | 2 80      |
| Thos. Stewart & Co.....               | Bellows, waste and wire.....                              |          | 82 40     |
| Macauley Bros. & Co.....              | Cotton, flannel and towelling.....                        |          | 21 50     |
| T. B. Barker & Sons.....              | Soap, alcohol and oil.....                                |          | 50 25     |
| A. J. Meloon.....                     | Boating.....  |          | 64 00     |
| Emerson & Fisher.....                 | Stove linings.....  |          | 2 60      |
| Chas. Webster.....                    | Assisting boilermakers .....                              |          | 12 00     |
| D. Webster.....                       | Boarding boilermakers .....                               |          | 25 00     |
| S. Huntingdon.....                    | Freighting supplies.....                                  |          | 211 00    |
| Estey, Allwood & Co.....              | 85 feet boiler tubes.....                                 |          | 135 32    |
| D. McLaughlan & Sons.....             | Repairs to boiler.....                                    |          | 182 65    |
| F. H. Wilder.....                     | Postage stamps .....                                      |          | 1 26      |
| C. W. Meloon.....                     | Boating.....  |          | 102 00    |
| "Sun" Publishing Co.....              | Advertising .....   |          | 10 00     |
| H. Belmore.....                       | Freight on wood .....                                     |          | 138 00    |
| James E. Morris.....                  | Inspecting and travelling expenses.....                   |          | 168 97    |
| C. E. Harding & Son.....              | Lumber.....   |          | 8 32      |
| Sarah J. Drake.....                   | Making flag .....   |          | 6 00      |
| Chas. F. Seely.....                   | Boarding boiler makers.....                               |          | 25 75     |
| R. Cline.....                         | Freight on boiler tubes, &c.....                          |          | 40 00     |
| Barbour & Staples.....                | Painting alarm building and travelling expenses.....      |          | 264 45    |
|                                       |   |          | 2,081 15  |
| <i>Partridge Island Fog-Alarm.</i>    |   |          |           |
| James Wilson.....                     | 12 months salary as Keeper.....                           | \$395 00 |           |
| Receiver-General.....                 | do superannuation tax .....                               | 5 00     |           |
|                                       |   |          | 400 00    |
| Thos. Stewart & Son.....              | Valves, leather and waste .....                           |          | 121 40    |
| Macauley Bros. & Co.....              | Cotton, flannel and towels.....                           |          | 23 90     |
| J. R. Cameron.....                    | himneys and wicks.....                                    |          | 17 50     |
| T. B. Barker & Sons.....              | Paint, oil and soap.....                                  |          | 89 28     |
| W. H. Thorne & Co.....                | Paint, spikes and brushes.....                            |          | 93 24     |
| C. E. Harding & Son.....              | Lumber.....   |          | 14 66     |
| S. G. Blizzard.....                   | do .....  |          | 128 97    |
| Wm. Lewis & Son.....                  | Placing boiler, \$595 95; repairs to boiler, \$64 40..... |          | 660 35    |
| Estey, Allwood & Co.....              | Olive oil, gauge glass and waste.....                     |          | 23 84     |
| Henry King.....                       | Boating and carting and storing coal.....                 |          | 488 90    |
| T. McAvity & Son.....                 | Boiler fittings, brass pipes, valves, &c.....             |          | 485 77    |
| Jas. Wilson.....                      | Boarding engineer.....                                    |          | 111 66    |
| E. Willis.....                        | Advertising.....  |          | 4 00      |
| Geo. E. Bustin.....                   | Painting.....   |          | 161 55    |
| Geo. Smith.....                       | 8 days labour.....  |          | 24 00     |
| "Sun" Publishing Co.....              | Advertising .....   |          | 14 00     |
| D. L. Hutchinson.....                 | Clock .....   |          | 8 50      |
| L. H. Vaughan & Bros.....             | Rope and iron .....                                       |          | 14 91     |
| G. Hevenor.....                       | Copper pipe and labour.....                               |          | 187 11    |
|                                       |   |          | 3,073 54  |
| Carried forward.....                  |   |          | 70,198 56 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

|  |  | \$     | cts. | \$     | cts. |
|--|--|--------|------|--------|------|
|  | Brought forward.....                             | 3,073  | 54   | 70,198 | 56   |
| <i>Partridge Island Fog Alarm—Continued.</i> |  |        |      |        |      |
| Jiggins Coal Mine Ass.                       | 91 tons coal, at \$2.40.....                     | 218    | 40   |        |      |
| M. Flood & Son.....                          | Labour and repairs.....                          | 46     | 25   |        |      |
| Henry Bustin.....                            | Painting.....                                    | 15     | 00   |        |      |
| R. McDonald.....                             | Freight on coal.....                             | 203    | 84   |        |      |
| A. C. Bowes & Co.....                        | Stovepipe.....                                   | 3      | 30   |        |      |
| G. S. Fisher.....                            | Repairing roof.....                              | 11     | 19   |        |      |
| John Smith.....                              | Iron bolts.....                                  | 50     | 50   |        |      |
|  |  |        |      | 3,622  | 02   |
| <i>Point Lepreauz Fog-A'arm.</i>             |  |        |      |        |      |
| Wm. Gallant.....                             | 12 months salary as Keeper.....                  | \$ 444 | 36   |        |      |
| Receiver-General.....                        | do superannuation tax.....                       | 5      | 64   |        |      |
|  |  |        |      | 450    | 00   |
| L. H. Vaughan & Bros...                      | Glass and iron.....                              | 9      | 36   |        |      |
| Macaulay Bros. & Co.....                     | Flannel, cotton and baize.....                   | 68     | 75   |        |      |
| J. R. Cameron.....                           | Chimneys, wick and motches.....                  | 18     | 35   |        |      |
| W. H. Thorne & Co.....                       | Paint, oil and soap.....                         | 100    | 09   |        |      |
| C. E. Harding & Son....                      | Lumber and bricks.....                           | 56     | 96   |        |      |
| Wm Gallant.....                              | Labour and boarding engineers.....               | 137    | 52   |        |      |
| H. Belmore.....                              | Freight on coal.....                             | 114    | 50   |        |      |
| Estey, Allwood & Co....                      | Furnace, bars, taps and dies.....                | 80     | 35   |        |      |
| F. & C. Thompson.....                        | Freight and carting coal.....                    | 38     | 75   |        |      |
| T. B. Barker & Sons.....                     | Pain, oil.....                                   | 51     | 03   |        |      |
| H. C. Bustin.....                            | Painting.....                                    | 46     | 00   |        |      |
| T. McAvity & Sons.....                       | Ratchet drill.....                               | 17     | 75   |        |      |
| Jas. E. Morris.....                          | Work as Engineer, and travelling expenses.....   | 172    | 65   |        |      |
| S. G. Blizzard.....                          | Lumber.....                                      | 23     | 94   |        |      |
| B. McGowan.....                              | Horse hire.....                                  | 25     | 00   |        |      |
| Geo. Thomas.....                             | Boarding engineers.....                          | 45     | 25   |        |      |
| Wm. Lewis & Son.....                         | Labour and material repairing boilers.....       | 332    | 99   |        |      |
| John Smith.....                              | 21 days labour.....                              | 52     | 50   |        |      |
| Jas. Kelly.....                              | 12 do.....                                       | 12     | 00   |        |      |
|  |  |        |      | 1,853  | 74   |
| <i>St. Martin's Head Alarm.</i>              |  |        |      |        |      |
| T. B. Barker & Son.....                      | Oil, waste.....                                  |        |      | 3      | 15   |
| BUOYS AND BEACONS.                           |  |        |      |        |      |
| GENERAL ACCOUNT.                             |  |        |      |        |      |
| J. R. Doody.....                             | Painting buoys.....                              | 6      | 75   |        |      |
| Wm. McLeod.....                              | Spar buoy and plating.....                       | 17     | 00   |        |      |
| Phillip Doody.....                           | Painting buoys.....                              | 8      | 00   |        |      |
| Alkni & Hatfield.....                        | Oakum and lead.....                              | 6      | 88   |        |      |
| C. E. Harding & Son....                      | Lumber for buoys.....                            | 41     | 30   |        |      |
| Henry King.....                              | Labour and boating for August and September..... | 23     | 80   |        |      |
| John N. Payzant.....                         | Rent of lot storing buoys.....                   | 9      | 00   |        |      |
| S. P. Osgood.....                            | Veratlic paint.....                              | 92     | 65   |        |      |
| R. Barbour.....                              | Painting buoys.....                              | 123    | 10   |        |      |
| H. O. Philips.....                           | Suoy stones and stone work.....                  | 67     | 64   |        |      |
| Wm. Lewis & Son.....                         | Ironing barrel buoys and spar buoys.....         | 297    | 18   |        |      |
| Fred. Blacklock.....                         | 10 spar buoys.....                               | 25     | 00   |        |      |
| Geo. E. Bustin.....                          | Painting 1 spar buoy.....                        | 10     | 00   |        |      |
|  |  |        |      | 728    | 30   |
| <i>Bathurst.</i>                             |  |        |      |        |      |
| E. D. Clase.....                             | Balance contract buoy service.....               |        |      | 65     | 00   |
|  | Carried forward.....                             |        |      | 76,470 | 77   |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

|                              |   | \$ cts.  | \$ cts.   |
|------------------------------|---|----------|-----------|
| Brought forward.....         |   |          | 76,470 77 |
| BUOYS AND BEACONS—Continued. |   |          |           |
| <i>Bell Buoy.</i>            |   |          |           |
| Elkni & Hatfield.....        | Rope.....   | 14 40    |           |
| Henry King.....              | Boating and amount contract lifting buoys.....      | 211 60   |           |
| Wm. Lewis & Son.....         | Repairing buoy, and iron work.....                  | 2,984 10 |           |
| L. H. Vaughau & Bros.....    | Boiler plate and rivets.....                        | 413 52   |           |
| Jas. E. Morris.....          | Labour and inspecting.....                          | 273 00   |           |
| E. Willis.....               | Advertising.....                                    | 11 25    |           |
| S. C. Blizzard.....          | Lumber.....   | 32 51    |           |
| "Sun" Publishing Co.....     | Advertising.....                                    | 23 00    |           |
| C. E. Harding & Son.....     | Lumber.....   | 11 42    |           |
| E. Lantlum.....              | Chain.....  | 30 30    |           |
| John Cotter.....             | Placing buoys.....                                  | 90 00    |           |
| R. Barbour.....              | Painting.....                                       | 51 50    |           |
| R. Cline.....                | Service placing buoys.....                          | 10 00    |           |
| J. Ruddock & Sons.....       | Tug boat service.....                               | 30 00    |           |
| Thos. Perrin.....            | Repairing tower.....                                | 34 10    |           |
| Thos. E. Moran.....          | 123 days shippage.....                              | 37 50    |           |
| Jas. Wilson.....             | Removing ice.....                                   | 4 50     |           |
|                              |   |          | 4,262 70  |
| <i>Buctouche.</i>            |   |          |           |
| Jas. Keswick.....            | Placing buoy.....                                   | 36 00    |           |
| John S. Dixon.....           | 2 spar buoys.....                                   | 6 00     |           |
| Jas. Mitchell.....           | Balance of J. Keswick's account in full.....        | 19 00    |           |
|                              |   |          | 61 00     |
| <i>Bliss Harbour.</i>        |   |          |           |
| Wm. Lewis and Son.....       | Iron work.....                                      | 33 40    |           |
| H. Stinson.....              | Freight, and placing buoy.....                      | 20 00    |           |
| Hugh Belmore.....            | Placing buoys.....                                  | 8 00     |           |
|                              |   |          | 61 40     |
| <i>Beaver Harbour.</i>       |   |          |           |
| H. Belmore.....              | Placing and lifting buoys.....                      | 60 50    |           |
| Wm. Lewis & Son.....         | Iron work.....                                      | 13 55    |           |
|                              |   |          | 74 05     |
| <i>Black's Harbour</i>       |   |          |           |
| Wm. Lewis & Son.....         | Iron work.....                                      | 9 90     |           |
| H. Belmore.....              | Placing buoys.....                                  | 8 00     |           |
|                              |   |          | 17 90     |
| <i>Caraquet.</i>             |   |          |           |
| Chas. Robbins & Co.....      | Chain.....  | 11 35    |           |
| Geo. Watt.....               | Freight on buoys.....                               | 40 00    |           |
| Jas. Rae.....                | Iron buoys and chain.....                           | 177 00   |           |
| Louis Porlier.....           | Lifting and placing buoys.....                      | 75 31    |           |
| J. & J. Millar & Co.....     | 5 new buoys.....                                    | 245 00   |           |
| Jas Mitchell.....            | 6 buoy stones.....                                  | 24 00    |           |
| R. Young.....                | Lifting buoys.....                                  | 40 00    |           |
|                              |   |          | 612 66    |
| <i>Cocagne.</i>              |   |          |           |
| Jas. Lucas.....              | Repairing buoys.....                                | 12 00    |           |
| John Brooks.....             | Settlement in full on account of lifting buoys..... | 64 80    |           |
|                              |   |          | 76 80     |
| Carried forward.....         |   |          | 81,637 28 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

|                                     |   | \$ cts. | \$ cts.   |
|-------------------------------------|---|---------|-----------|
|                                     | Brought forward.....                    |         | 81,637 28 |
| <b>BUOYS AND BEACONS—Continued.</b> |   |         |           |
| <i>Dalhousie.</i>                   |   |         |           |
| Robt. McNeil.....                   | Placing and lifting buoys.....          |         | 156 66    |
| <i>Dorchester.</i>                  |   |         |           |
| Chas. M. Anderson.....              | Lifting and placing buoys.....          | 10 00   |           |
| L. H. Vaughn & Bros.....            | Chain.....                              | 36 20   |           |
| Joshua King.....                    | Carting and freighting buoys.....       | 12 61   |           |
| Wm. Lewis & Son.....                | Shackles.....                           | 6 40    |           |
| H. W. Palmer.....                   | Placing buoys.....                      | 32 00   |           |
|                                     |   |         | 97 21     |
| <i>Dipper Harbour.</i>              |   |         |           |
| Wm. Lewis & Son.....                | Iron work on buoys.....                 | 13 55   |           |
| H. Belmore.....                     | Placing buoys.....                      | 16 00   |           |
|                                     |   |         | 29 55     |
| <i>Grand Lake.</i>                  |   |         |           |
| Robt. McMann.....                   | Lifting and placing buoys.....          | 43 00   |           |
| Geo. A. Munroe.....                 | Placing buoys.....                      | 86 72   |           |
| A. Coakley.....                     | do.....                                 | 43 00   |           |
| M. Y. Cox.....                      | do.....                                 | 33 00   |           |
| F. J. Purdy.....                    | Placing and lifting buoys.....          | 36 75   |           |
| Calvin Purdy.....                   | Lifting buoys.....                      | 39 00   |           |
|                                     |   |         | 281 47    |
| <i>Grand Manan.</i>                 |   |         |           |
| H. McLaughlin.....                  | Placing buoys.....                      |         | 22 42     |
| <i>Grindstone Island.</i>           |   |         |           |
| Wm. Wood.....                       | Lifting and placing buoy.....           |         | 15 00     |
| <i>Grand Anse.</i>                  |   |         |           |
| Theo Landry.....                    | Placing buoy.....                       |         | 15 50     |
| <i>Harvey.</i>                      |   |         |           |
| Wm. Wood.....                       | Lifting and placing buoys.....          | 120 00  |           |
| Joseph McAlmon.....                 | Painting.....                           | 27 00   |           |
|                                     |   |         | 147 00    |
| <i>Lepreaux.</i>                    |   |         |           |
| Wm. Lewis & Son.....                | Iron work on buoys.....                 | 9 90    |           |
| H. Belmore.....                     | Placing buoys.....                      | 8 00    |           |
|                                     |   |         | 17 90     |
| <i>Miramichi.</i>                   |   |         |           |
| Jas. Rae.....                       | Chain and buoy stones.....              | 82 00   |           |
| John Sadler.....                    | Chain, storage room and wharf hire..... | 169 80  |           |
| J. & J. Miller & Co.....            | 3 new buoys.....                        | 135 00  |           |
| Wm. Fail & Wm. Martin.....          | Placing and lifting buoys.....          | 420 00  |           |
|                                     |   |         |           |
|                                     | Carried forward.....                    | 806 80  | 82,419 99 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

|                                     |                                      | \$ cts. | \$ cts.   |
|-------------------------------------|--------------------------------------|---------|-----------|
|                                     | Brought forward .....                | 806 80  | 82,419 99 |
| <b>BUOYS AND BEACONS—Continued.</b> |                                      |         |           |
| <i>Miramichi—Concluded.</i>         |                                      |         |           |
| Geo Watt .....                      | Paint and oil .....                  | 27 61   |           |
| Alex. Morrison .....                | Pine plank .....                     | 4 04    |           |
| W. & J. Anslow .....                | Printing posters .....               | 3 00    |           |
| Jas. O. Fish .....                  | Carting logs .....                   | 4 00    |           |
| J. L. Stewart .....                 | Advertising .....                    | 2 10    |           |
| Robt. J. Walls .....                | Replacing and repairing buoys .....  | 137 55  |           |
|                                     |                                      |         | 985 10    |
| <i>Musquash.</i>                    |                                      |         |           |
| Wm. Lewis & Son .....               | Iron work on buoys .....             | 7 30    |           |
| H. Belmore .....                    | Placing buoys .....                  | 40 00   |           |
|                                     |                                      |         | 47 30     |
| <i>Neguac.</i>                      |                                      |         |           |
| Romain Savoy .....                  | Placing buoys .....                  |         | 66 66     |
| <i>Old Proprietor.</i>              |                                      |         |           |
| B. Robinson .....                   | Boating and labour .....             |         | 14 75     |
| <i>Pokemouche.</i>                  |                                      |         |           |
| John Maher .....                    | Placing buoys .....                  |         | 30 00     |
| <i>Petit Rocher.</i>                |                                      |         |           |
| Hilarion Roy .....                  | New buoy, painting and placing ..... |         | 20 00     |
| <i>Port Elgin.</i>                  |                                      |         |           |
| Jared Silliker .....                | Placing and lifting buoy .....       |         | 30 00     |
| <i>Quico.</i>                       |                                      |         |           |
| Robt. Carson .....                  | Freight, and placing buoys .....     | 138 50  |           |
| Wm. Davidson .....                  | Tug boat hire .....                  | 20 00   |           |
| "Sun" Publishing Co .....           | Advertising .....                    | 4 00    |           |
| E. Willis .....                     | do .....                             | 8 00    |           |
| Wm. Lewis & Son .....               | Labour and carting .....             | 77 20   |           |
| Robt. Barbour .....                 | Painting bell buoy .....             | 12 00   |           |
|                                     |                                      |         | 259 70    |
| <i>Richibucto.</i>                  |                                      |         |           |
| Paul Legoof .....                   | Contract for placing buoy .....      | 270 00  |           |
| Jas. A. Jardine .....               | Lifting buoy .....                   | 85 00   |           |
|                                     |                                      |         | 355 00    |
| <i>Ree's Point Lamps.</i>           |                                      |         |           |
| Et. John Gas Light Co...            | 2 years gas bill .....               |         | 160 00    |
|                                     | Carried forward .....                |         | 84,388 50 |



STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

|                                      |  | \$  | cts. | \$     | cts.  |
|--------------------------------------|--|-----|------|--------|-------|
| Brought forward .....                |  |     |      | 84,383 | 50    |
| BUOYS AND BEACONS— <i>Continued.</i> |  |     |      |        |       |
| <i>Restigouche.</i>                  |  |     |      |        |       |
| Joseph Doherty .....                 | Contract for placing and lifting .....             |     |      |        | 57 00 |
| <i>Shippegan.</i>                    |  |     |      |        |       |
| Joseph Robicheaux .....              | Amount of contract .....                           |     |      |        | 75 00 |
| <i>Shemogue.</i>                     |  |     |      |        |       |
| Jas McKay .....                      | Contract for placing and lifting buoys, 1882 ..... | 80  | 00   |        |       |
| John Avard .....                     | Placing and lifting buoys .....                    | 58  | 00   |        |       |
|                                      |  |     |      | 138    | 00    |
| <i>Shediac.</i>                      |  |     |      |        |       |
| Alexander McQueen .....              | Placing buoys and spars .....                      | 43  | 25   |        |       |
| S. J. B. Leard .....                 | Picking up buoys .....                             | 7   | 00   |        |       |
| John McPherson .....                 | Repairs to buoy .....                              | 18  | 50   |        |       |
| Edwin P. White .....                 | Making and placing 3 spar buoys .....              | 42  | 00   |        |       |
|                                      |  |     |      | 110    | 75    |
| <i>St. Andrews.</i>                  |  |     |      |        |       |
| John Quinn .....                     | Placing and lifting buoys .....                    | 27  | 75   |        |       |
| James Bell .....                     | do do .....  | 8   | 05   |        |       |
| J. Cummings .....                    | Removing logs .....                                | 2   | 20   |        |       |
| John Balsom .....                    | Paint and oil .....                                | 2   | 75   |        |       |
|                                      |  |     |      | 40     | 75    |
| <i>St. George.</i>                   |  |     |      |        |       |
| L. H. Vaughan & Bros .....           | Iron and chain .....                               | 34  | 54   |        |       |
| James Dick .....                     | Painting, lifting and placing .....                | 296 | 28   |        |       |
| William Lewis & Son .....            | Steel drills .....                                 | 3   | 30   |        |       |
| Thomas Savoy .....                   | Painting buoys .....                               | 28  | 50   |        |       |
| James O'Brien .....                  | Iron work on buoys .....                           | 33  | 25   |        |       |
| John Fisher .....                    | Placing buoys .....                                | 20  | 50   |        |       |
| Colin McDiarmid .....                | 2 new buoys, and placing .....                     | 48  | 00   |        |       |
| W. C. Dick .....                     | Painting and placing buoys .....                   | 30  | 00   |        |       |
|                                      |  |     |      | 494    | 37    |
| <i>St. Stephen.</i>                  |  |     |      |        |       |
| Charles Young .....                  | Lifting buoys .....                                |     |      |        | 84 66 |
| <i>St. John River.</i>               |  |     |      |        |       |
| Morris Scovil .....                  | Painting and placing buoys .....                   | 18  | 80   |        |       |
| J. S. Vanwart .....                  | do do .....  | 20  | 00   |        |       |
| N. McDonald .....                    | New buoy, and placing .....                        | 14  | 00   |        |       |
|                                      |  |     |      | 52     | 80    |
| <i>Split Rock.</i>                   |  |     |      |        |       |
| William Lewis & Son .....            | Iron work .....                                    | 29  | 25   |        |       |
| "Sun" Publishing Co. ....            | Advertising .....                                  | 22  | 00   |        |       |
| C. P. Hamm .....                     | Taking care buoys 2 years .....                    | 50  | 00   |        |       |
|                                      |  |     |      | 101    | 25    |
| Carried forward .....                |  |     |      | 85,441 | 83    |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Concluded.*

|                          |   | \$ cts. | \$ cts.          |
|--------------------------|---|---------|------------------|
|                          | Brought forward.....                                | 101 25  | 85,441 83        |
|                          | <b>BUOYS AND BEACONS—<i>Concl. de l.</i></b>        |         |                  |
|                          | <i>Split Rock—Concluded.</i>                        |         |                  |
| R. Barbour.....          | Painting.....                                       | 24 00   |                  |
| L. H. Vaughan & Bros...  | Wire rope, steel hawser, drill, serving.....        | 570 77  | 696 02           |
|                          | <i>Tracadie.</i>                                    |         |                  |
| J. & R. Young.....       | Iron for buoys.....                                 | 4 17    |                  |
| Peter Ferguson.....      | Lifting buoys.....                                  | 83 73   |                  |
| William Ferguson.....    | Lifting, painting, placing and repairing buoys..... | 75 50   |                  |
| J. K. Robicheaux.....    | Placing buoys.....                                  | 6 60    | 170 00           |
|                          | <i>Tabusintac.</i>                                  |         |                  |
| Jonathan Palmer.....     | Amount of contract.....                             |         | 65 00            |
|                          | <i>Pisarinco.</i>                                   |         |                  |
| William Lewis & Son..... | Iron work on buoys.....                             | 9 90    |                  |
| H. Belmore.....          | Placing buoys.....                                  | 8 00    | 17 90            |
|                          | <i>West Isles.</i>                                  |         |                  |
| Thomas K. Parker.....    | Placing beacon.....                                 | 100 00  |                  |
| James A. Parker.....     | Cleaning, painting and placing buoys.....           | 18 00   |                  |
| David O. Parker.....     | do do.....  | 18 00   |                  |
| James A. Calder.....     | Lifting and painting buoys.....                     | 3 00    | 139 00           |
|                          | <i>Washdemack Lake.</i>                             |         |                  |
| William Lewis & Son....  | Iron for spar buoy.....                             | 23 20   |                  |
| Alexander Cole.....      | Replacing buoys.....                                | 9 00    | 32 30            |
|                          |   |         | 86,562 05        |
| Queen's Printer.....     | Printing and stationery.....                        |         | 148 65           |
|                          |   |         | 86,710 70        |
|                          | <b>REFUND.</b>                                      |         |                  |
| Robert Young, Caraquet.  | Buoy service.....                                   |         | 40 00            |
|                          | <b>Total.....</b>                                   |         | <b>86,670 70</b> |

WM. SMITH,  
Deputy Minister of Marine.

F. GOURDEAU,  
Acting Accountant.

APPENDIX No. 6

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure in connection with the Maintenance of Lights in Prince Edward Island, for the Fiscal Year ended 30th June, 1884.

| GENERAL ACCOUNT                        |   | \$    | cts. | \$    | cts.     |
|--|---|-------|------|-------|----------|
| Artemas Lord.....                      | 12 months salary as Agent .....   | \$980 | 00   |       |          |
| do .....                               | do superannuation tax .....   | 20    | 00   |       |          |
| do .....                               | Travelling expenses, paid for stamps, cheque books,<br>freight, storage, cartage, stationery, etc. .... |       |      | 1,000 | 00       |
| Donald McLeod.....                     | 12 months allowance for cleaning office.....  |       |      | 575   | 92       |
| S. W. Crabbe.....                      | water tank, dust brush, shovel, poker, etc. ....  |       |      | 8     | 83       |
| John Newson.....                       | Repairs to furniture, notice board, etc.....  |       |      | 6     | 37       |
| W. E. Dawson.....                      | Saw, nails, etc.....  |       |      | 1     | 46       |
| John Gaffney.....                      | Lettering door plate "Marine and Fisheries".....  |       |      | 2     | 25       |
| Hermans & Sons.....                    | Drop light and fixing.....  |       |      | 10    | 50       |
| McKinnon & McLean.....                 | Repairs to letter press.....  |       |      | 6     | 00       |
| T. L. Chappelle.....                   | Express charges on cheque book, etc.....  |       |      | 4     | 45       |
| S. W. Crabbe.....                      | Costs and charges on burners, chimneys, wicks, etc  |       |      | 286   | 04       |
| The Imperial Oil Co.....               | 120 casks containing 4,997.48 galls. of oil, at 26c.<br>per gallon.....                                 |       |      | 1,297 | 58       |
| Owen Connolly.....                     | Lumber for repairs and casks for buoys.....   |       |      | 41    | 74       |
| J. D. McLeod & Co.....                 | Provisions for agents visiting Light stations .....   |       |      | 15    | 69       |
| P.E.I. Railway.....                    | Freight on oil, stores, etc., for Lights .....  |       |      | 39    | 63       |
| Str. "M. A. Star".....                 | do on oil and paint from Halifax .....  |       |      | 9     | 35       |
| Longworth & Co.....                    | do on oil and stores.....   |       |      | 6     | 00       |
| Steam Navigation Co....                | do on lanterns, etc.....  |       |      | 2     | 64       |
| Capt. J. Hyde.....                     | do on oil and stores.....   |       |      | 3     | 20       |
| A. Lord.....                           | To pay P. H. Perry for truckage of stores to N.<br>Cape.....  |       |      | 8     | 00       |
| The Union Bank.....                    | Draft for 10 oil tanks, \$130; pun., 33cts .....  | 130   | 33   |       |          |
| T. L. Chappelle.....                   | Express charges.....  | 4     | 35   |       |          |
| The A. A. Telegraph Co.                | Account for telegraphing .....  | 27    | 28   |       |          |
| J. Schurman.....                       | Labour removing obstruction and for freight .....   | 4     | 00   |       |          |
| Str. "Heather Belle".....              | Freight on oil and stores .....   | 3     | 55   |       |          |
| John Gahan.....                        | Rent of stores and warehouse, to 31st Dec., 1883....  | 70    | 00   |       |          |
| W. W. Clarke.....                      | Rent, oil store and wharfrage.....  | 100   | 65   |       |          |
| Capt. G. McKay.....                    | Freight on oil and stores.....  | 3     | 32   |       |          |
| The Apothecaries Hall Co               | Vials and corks for oil samples .....   | 0     | 60   |       |          |
| Abraham Daley.....                     | Labour at survey, Murray Harbour Lights .....   | 2     | 00   |       |          |
| A. Hermans & Sons.....                 | Galvanized iron lantern.....  | 7     | 50   |       |          |
| Peake Bros. & Co.....                  | Wharfrage and oil tap .....   | 2     | 15   |       |          |
| A. McLaine.....                        | Truckage on oil and stores .....  | 6     | 89   |       |          |
| Capt. N. McMillan.....                 | Freight on oil and stores.....  | 1     | 97   |       |          |
| John Ball.....                         | Surveying sundry Lighthouse sites .....   | 54    | 75   |       |          |
| Stumbles Livery Stables.               | Horse hire.....   | 8     | 60   |       |          |
| W. McInnis.....                        | Truckage of oil stores .....  | 1     | 00   |       |          |
| H. W. Mutch.....                       | Filling up kerosen coil casks.....  | 4     | 00   |       |          |
| The "Examiner" Pub-<br>lishing Co..... | Advertising for 1883 84.....  |       |      | 11    | 35       |
| <i>Block House Light.</i>              |   |       |      |       |          |
| Arch. McLean.....                      | 12 months salary as Light-keeper.....   | \$335 | 72   |       |          |
| do .....                               | do superannuation tax .....   | 4     | 24   |       |          |
| do .....                               | Allowance for fuel, 1883-84.....  |       |      | 339   | 96       |
|  |   |       |      | 32    | 00       |
|  | Carried forward .....   |       |      | 371   | 96       |
|  |   |       |      |       | 3,799 74 |
|  |   |       |      |       | 3,799 71 |

STATEMENT of Expenditure in connection with the Maintenance of Lights in Prince Edward Island, etc.—Continued.

|                                     |  | \$ cts.  | \$ cts.  |
|-------------------------------------|--|----------|----------|
|                                     | Brought forward .....                                  | 371 96   | 3,799 74 |
| <i>Block House Light—Concluded.</i> |  |          |          |
| A. Lord .....                       | On account of repairs and wages .....                  | 60 00    |          |
| S. W. Crabbe .....                  | Nails, spikes, brushes, stovepipe, etc .....           | 53 86    |          |
| H. McDonald .....                   | Balance of wages at repairs (carpenter).....           | 27 00    |          |
| M. Cullen .....                     | do do do .....   | 42 00    |          |
| M. Madden .....                     | do do (stone mason).....                               | 17 00    |          |
| M. Henney .....                     | do do (foreman).....                                   | 64 05    |          |
| John Gaffney .....                  | Painting station, 2 coats, outside and inside) .....   | 50 00    |          |
| Peake Bros. ....                    | Brooms, soap, flags, repairs to signal staff, etc..... | 23 81    |          |
| Arch. McLean. ....                  | Boarding workmen and truckage.....                     | 59 15    |          |
| O. Connolly .....                   | Lumber for repairs.....                                | 57 77    |          |
| W. & A. Brown & Co.....             | Blinds for lantern.....                                | 1 35     |          |
| A. Hermons & Sons.....              | Repairs to Light gear.....                             | 7 90     |          |
| Fidel Ducette.....                  | Ladder.....  | 4 50     |          |
|                                     |  |          | 850 35   |
| <i>West Point Light.</i>            |  |          |          |
| Wm. McDonald.....                   | 12 months salary as Light-keeper.....                  | \$296 24 |          |
| do .....                            | do superannuation tax.....                             | 3 76     |          |
| do .....                            | Allowance for fuel, 1883-84.....                       | 300 00   |          |
| Milton Wa'sh.....                   | New lamps, labour changing burners, etc.....           | 32 00    |          |
| A. Lord .....                       | Materials for stable.....                              | 86 30    |          |
| Peake Bros. & Co.....               | Brooms, soap, water, brushes, etc.....                 | 24 00    |          |
| S. W. Crabbe.....                   | 1 round file.....                                      | 17 50    |          |
| W. McDonald.....                    | Boarding workmen and horse hire for same.....          | 0 45     |          |
|                                     |  | 10 50    |          |
|                                     |  |          | 470 75   |
| <i>Point Prim Light.</i>            |  |          |          |
| Michael McLeod.....                 | 12 months salary as Light-keeper.....                  | \$296 24 |          |
| do .....                            | do superannuation tax.....                             | 3 76     |          |
| do .....                            | Allowance for fuel.....                                | 300 00   |          |
| Str. "Heather Belle".....           | Freight on lumber, bricks, lime, etc. ....             | 32 00    |          |
| M. McLeod .....                     | Boarding workmen and truckage at repairs. ....         | 5 75     |          |
| Poole & Lewis .....                 | Lumber, bricks, lime, etc., for repairs.....           | 132 92   |          |
| Tug "F. C. Batt".....               | Labour and freight on new lantern to Point Prim ..     | 42 00    |          |
| William Stewart.....                | Account for workmen's wages (carpenters).....          | 20 00    |          |
| H. Van Idustin.....                 | Plastering.....  | 377 22   |          |
| S. M. Murchison .....               | Painting tower, cottage and out-buildings.....         | 13 00    |          |
| S. W. Crabbe.....                   | Tin work, files and lock.....                          | 47 25    |          |
| John Murphy.....                    | Cementing tower, etc.....                              | 2 65     |          |
| Peake Bros. & Co.....               | Brooms, waste, soap, matches, etc.....                 | 6 25     |          |
| McKinnon & McLean.....              | Brass screws for lantern, etc.....                     | 19 71    |          |
|                                     |  | 2 88     |          |
|                                     |  |          | 1,001 63 |
| <i>Panmure Island Light.</i>        |  |          |          |
| William McDonald.....               | 12 months salary as Light-keeper.....                  | \$296 24 |          |
| do .....                            | do superannuat on tax .....                            | 3 76     |          |
| do .....                            | Allowance for fuel, 1883-84.....                       | 300 00   |          |
| S. W. Crabbe.....                   | Wicks.....   | 32 00    |          |
| Peake Bros. & Co.....               | Brooms, buckets, towels, soap, cotton, etc.....        | 1 00     |          |
| Jas. Bourke .....                   | Freight on stores from Georgetown (R.R.) .....         | 18 21    |          |
| do .....                            | Lumber to repair well-house.....                       | 4 37     |          |
|                                     |  | 0 95     |          |
|                                     |  |          | 356 53   |
| <i>North Cape Light.</i>            |  |          |          |
| Peter H. Perry.....                 | 4 months salary as Light-keeper.....                   | \$98 75  |          |
| Augustine Hackett.....              | 8 do do .....  | 197 49   |          |
|                                     |  | 296 24   |          |
|                                     | Carried forward.....                                   |          | 6,479 00 |

STATEMENT of Expenditure in connection with the Maintenance of Lights in Prince Edward Island, etc.—Continued.

|   |  | \$    | cts. | \$     | cts. |
|---|--|-------|------|--------|------|
| Brought forward .....                   |  | 296   | 24   | 6,479  | 00   |
| <i>North Cape Light—Concluded.</i>      |  |       |      |        |      |
| Receiver-General.....                   | 12 months superannuation tax .....                   | 3     | 76   |        |      |
| do .....                                | Allowance for fuel, 1883-84.....                     |       |      | 300    | 00   |
| Peake Bros. & Co. ....                  | Soap, cotton, towels, etc .....                      |       |      | 29     | 28   |
| S. W. Crabbe.....                       | One-half round file .....                            |       |      | 0      | 45   |
| Milton Walsh.....                       | Set of new lamps, altering burner and gear. ....     |       |      | 69     | 82   |
| E. Chanteloup .....                     | Two spindles and brass wheel .....                   |       |      | 14     | 60   |
| Peake Bros. & Co.....                   | Olive oil, window cord, etc .....                    |       |      | 4      | 67   |
|   |  |       |      | 450    | 82   |
| <i>Indian Point Light.</i>              |  |       |      |        |      |
| Jas. Walsh .....                        | 12 months salary as Light-keeper.....                | \$295 | 60   |        |      |
| do .....                                | do superannuation tax.....                           |       | 4 36 |        |      |
| do .....                                | Coal and labour taking to lighthouse.....            |       |      | 299    | 96   |
| Peake Bros. & Co.....                   | Brooms, soap, buckets, matches, etc .....            |       |      | 22     | 00   |
| Milton Walsh.....                       | Lining water tank, stove-pipes, etc .....            |       |      | 10     | 73   |
| D. Rogers .....                         | Hinges, coal tar, etc.....                           |       |      | 64     | 56   |
| N. Milligan.....                        | Painting station two coats out and in .....          |       |      | 24     | 25   |
| S. W. Crabbe.....                       | Oil can.....   |       |      | 32     | 00   |
| Jas. Walsh.....                         | Repairs and painting boat, truckage, etc. ....       |       |      | 0      | 75   |
| A. Lord.....                            | To pay for plans of breakwater .....                 |       |      | 14     | 30   |
| Ronald Campbell .....                   | On account of contract building breakwater .....     |       |      | 2      | 02   |
| Richard Hunt.....                       | Special survey.....                                  |       |      | 3,650  | 00   |
|   |  |       |      | 5      | 00   |
|   |  |       |      | 4,125  | 57   |
| <i>Cape Bear Light.</i>                 |  |       |      |        |      |
| Thomas H. Munn .....                    | 12 months salary as Light-keeper.....                | \$295 | 60   |        |      |
| do .....                                | do superannuation tax .....                          |       | 4 36 |        |      |
| do .....                                | Coal, truckage, labour, repairs, 1881-82 and 1882-83 |       |      | 299    | 96   |
| do .....                                | do and paper, 1883-84. ....                          |       |      | 37     | 87   |
| Peake Bros. & Co.....                   | Brooms, cotton, waste, matches, etc. ....            |       |      | 17     | 95   |
|   |  |       |      | 24     | 28   |
|   |  |       |      | 380    | 06   |
| <i>Sea Cow Head Light.</i>              |  |       |      |        |      |
| M. P. O'Ronaghan.....                   | 12 months salary as Light-keeper.....                | \$246 | 88   |        |      |
| do .....                                | do superannuation tax .....                          |       | 3 12 |        |      |
| do .....                                | Allowance for fuel for 1883-84.....                  |       |      | 250    | 00   |
| Milton Walsh.....                       | Repairs to roof of lantern .....                     |       |      | 32     | 00   |
| Peake Bros. & Co. ....                  | Brooms, towels, soap, etc .....                      |       |      | 12     | 56   |
| D. Rogers .....                         | Hand lamp, wick and chimneys, etc.....               |       |      | 20     | 20   |
| M. P. O'Ronaghan.....                   | To pay carpenters, repairs to well, truckage, etc... |       |      | 2      | 97   |
|   |  |       |      | 9      | 25   |
|   |  |       |      | 326    | 98   |
| <i>Fish Island Light, Malpeque Bay.</i> |  |       |      |        |      |
| Augus J. McLellan.....                  | 12 months salary as Light-keeper.....                | \$246 | 88   |        |      |
| do .....                                | do superannuation tax .....                          |       | 3 12 |        |      |
| do .....                                | Allowance for fuel, 1883-84 .....                    |       |      | 250    | 00   |
| Peake Bros. & Co. ....                  | Brooms, soap, cotton, matches, etc.....              |       |      | 32     | 00   |
|   |  |       |      | 14     | 93   |
|   |  |       |      | 296    | 93   |
| <i>East Point Light</i>                 |  |       |      |        |      |
| Alex. R. Beaton .....                   | 12 months salary as Light-keeper.....                | \$246 | 88   |        |      |
| do .....                                | do superannuation tax.....                           |       | 3 12 |        |      |
|   |  |       |      | 250    | 00   |
| Carried forward.....                    |  |       |      | 250    | 00   |
|   |  |       |      | 12,059 | 96   |

STATEMENT of Expenditure in connection with the Maintenance of Lights  
in Prince Edward Island, etc.—*Continued.*

|  |   | \$    | cts.   | \$     | cts. |
|--|---|-------|--------|--------|------|
| Brought forward .....                              |   |       | 250 00 | 12,059 | 36   |
| <i>Evet Point Light—Concluded.</i>                 |   |       |        |        |      |
| A. R. Beaton.....                                  | Allowance for fuel for 1883-84 .....                |       | 32 00  |        |      |
| Peake Bros. & Co. ....                             | Brooms, towels, soap, etc .....                     |       | 14 83  |        |      |
|  |   |       |        | 296    | 83   |
| <i>Sandy Island Light, Cacsumpec Bay.</i>          |   |       |        |        |      |
| John McCabe.....                                   | 12 months salary as Light-keeper. ....              | \$246 | 88     |        |      |
| do .....   | do superannuation tax.....                          |       | 3 12   |        |      |
|  |   |       |        | 250    | 00   |
| do .....   | Allowance for fuel, 1883-84.....                    |       | 32 00  |        |      |
| S. W. Crabbe. ....                                 | 3 mammoth collars.....                              |       | 0 30   |        |      |
| Milton Walsh.....                                  | Repairs to burners and changing Lights .....        |       | 21 76  |        |      |
| Peake Bros. & Co.....                              | Brooms, buckets, towels, soap, &c.....              |       | 13 96  |        |      |
| George Wells.....                                  | Brush, clay and labor moving range Lights.....      |       | 31 13  |        |      |
|  |   |       |        | 349    | 15   |
| <i>Wood Island Lights.</i>                         |   |       |        |        |      |
| James McMillan.....                                | 12 months salary as Light-keeper.....               | \$246 | 88     |        |      |
| do .....   | do superannuation tax.....                          |       | 3 12   |        |      |
|  |   |       |        | 250    | 00   |
| do .....   | Allowance for fuel, 1883-94.....                    |       | 32 00  |        |      |
| Peake Bros & Co.....                               | Brooms, buckets, towels, cotton, etc.....           |       | 14 50  |        |      |
| S. W. Crabbe.....                                  | Repairs to lamp. ....                               |       | 3 00   |        |      |
| G. W. Taylor.....                                  | Repairs to clock.....                               |       | 1 50   |        |      |
|  |   |       |        | 301    | 00   |
| <i>Souris East Light.</i>                          |   |       |        |        |      |
| Angus McDonald.....                                | 12 months salary as Light-keeper.....               | \$197 | 48     |        |      |
| do .....   | do superannuation tax.....                          |       | 2 56   |        |      |
|  |   |       |        | 200    | 04   |
| McBride & Doyle.....                               | Lumber, nails, etc., for stable.....                |       | 11 37  |        |      |
| Wright Bros.....                                   | Scantling, boards, etc.....                         |       | 38 63  |        |      |
| S. W. Crabbe.....                                  | Repairs to lamp, oil and paints, etc.....           |       | 9 20   |        |      |
| Peake Bros. & Co.....                              | Brooms, buckets, matches, etc.....                  |       | 12 01  |        |      |
| S. W. Crabbe.....                                  | Invoice and charges on 6 doz. extra large chimneys. |       | 21 50  |        |      |
|  |   |       |        | 292    | 75   |
| <i>St. Peter's Island Light, Hillsborough Bay.</i> |   |       |        |        |      |
| William Hewson .....                               | 12 months salary as Light-keeper.....               | \$197 | 48     |        |      |
| do .....   | do superannuation tax.....                          |       | 2 56   |        |      |
|  |   |       |        | 200    | 04   |
| do .....   | Cartage, coal and stores from Charlottetown.....    |       | 6 08   |        |      |
| S. W. Crabbe. ....                                 | Hand lantern, wicks and sweet oil.....              |       | 1 81   |        |      |
| Peake Bros. & Co.....                              | Brooms, soap, towels, etc.....                      |       | 3 82   |        |      |
| John Hughes .....                                  | 2 tons coal.....                                    |       | 7 00   |        |      |
| A. Livingston.....                                 | Lumber.....   |       | 5 00   |        |      |
| S. W. Crabbe.....                                  | Two burners for hand lamp .....                     |       | 0 40   |        |      |
| Peake Bros & Co.....                               | Putty, brush, etc.....                              |       | 0 90   |        |      |
| James Barclay.....                                 | On account contract moving tower.....               |       | 175 00 |        |      |
|  |   |       |        | 400    | 05   |
| <i>St. Peter's Harbour Light, St. Peter's Bay.</i> |   |       |        |        |      |
| W. W. McGrath.....                                 | 12 months salary as Light keeper.....               | \$128 | 36     |        |      |
| do .....   | do superannuation tax.....                          |       | 1 64   |        |      |
|  |   |       |        | 130    | 00   |
| Peake Bros. & Co.....                              | Brooms, matches, cotton, towels, etc.....           |       | 9 58   |        |      |
|  |   |       |        | 139    | 58   |
| Carried forward.....                               |   |       |        | 13,838 | 72   |

STATEMENT of Expenditure in connection with the Maintenance of Lights,  
in Prince Edward Island, etc.—*Continued.*

|  |  | \$  | cts. | \$     | cts. |
|--|--|-----|------|--------|------|
| Brought forward .....                                |  |     |      | 13,838 | 72   |
| <i>South Rustico Light.</i>                          |  |     |      |        |      |
| W. H. Ford.....                                      | 12 months salary as Light-keeper.....          | 100 | 00   |        |      |
| J. H. Myrick.....                                    | Moving Range Light masts.....                  | 12  | 00   |        |      |
| J. Blanchard.....                                    | Truckage, oil and supplies to Light.....       | 2   | 50   |        |      |
| S. W. Crabbe.....                                    | Repairs to lantern and glass for Light.....    | 1   | 50   |        |      |
| Peake Bros. & Co.....                                | Soap, towels, waste, etc.....                  | 6   | 65   |        |      |
| Joseph Campbell.....                                 | Repairs to lantern, etc.....                   | 2   | 05   |        |      |
| S. W. Crabbe.....                                    | Ochre, paint, lock, brushes, etc.....          | 12  | 62   |        |      |
| W. H. Ford.....                                      | Repairs to hoisting blocks, etc.....           | 1   | 70   |        |      |
| A. Hermons & Son.....                                | Repairs to lock.....                           | 0   | 40   |        |      |
|  |  |     |      | 139    | 43   |
| <i>Little Channel Light.</i>                         |  |     |      |        |      |
| William Hardy.....                                   | 12 months salary as Light-keeper.....          | 100 | 00   |        |      |
| Peake Bros. & Co.....                                | Soap, towels, matches, etc.....                | 15  | 91   |        |      |
| Milton Walsh.....                                    | Repairs to lantern and lamps.....              | 22  | 25   |        |      |
| James Palmer.....                                    | Painting station, truckage, etc.....           | 16  | 25   |        |      |
| J. W. Palmer.....                                    | Horse hire for workmen at repairs.....         | 5   | 00   |        |      |
|  |  |     |      | 159    | 41   |
| <i>New London Light.</i>                             |  |     |      |        |      |
| George McKenzie.....                                 | 12 months salary as Light-keeper.....          | 100 | 00   |        |      |
| Peake Bros. & Co.....                                | Brooms, towels, buckets, soap, etc.....        | 5   | 27   |        |      |
|  |  |     |      | 105    | 27   |
| <i>North Rustico Light.</i>                          |  |     |      |        |      |
| Thomas G. Pursey.....                                | 12 months salary as Light-keeper.....          | 160 | 00   |        |      |
| do.....  | do allowance for fuel, 1883-84.....            | 20  | 00   |        |      |
| do.....  | Truckage and labour on oil and stores.....     | 6   | 00   |        |      |
| do.....  | Repairs to platform and painting station.....  | 17  | 00   |        |      |
| Peake Bros. & Co.....                                | Brooms, soap, towels, etc.....                 | 12  | 83   |        |      |
| Poole & Lewis.....                                   | Lumber for platform.....                       | 5   | 60   |        |      |
| Capt. C. Marshall.....                               | Brush and labour for foundation.....           | 20  | 00   |        |      |
| Stephen McNeil.....                                  | Contract moving Main Tower and cottage.....    | 150 | 00   |        |      |
|  |  |     |      | 331    | 43   |
| <i>St. Andrew's Point Light, Georgetown Harbour.</i> |  |     |      |        |      |
| Joseph Wightman.....                                 | 12 months salary as Light-keeper.....          | 100 | 00   |        |      |
| do.....  | Allowance for winter lights.....               | 25  | 00   |        |      |
| James Bourke.....                                    | Lumber, spikes, nails, etc., for repairs.....  | 19  | 17   |        |      |
| Peake Bros. & Co.....                                | Carpenters' repairs, brooms, buckets, etc..... | 72  | 67   |        |      |
| James Bourke.....                                    | Labour, painting station, etc.....             | 14  | 00   |        |      |
| Peake Bros. & Co.....                                | Patent dryers.....                             | 0   | 84   |        |      |
|  |  |     |      | 231    | 58   |
| <i>Grand Tracadie Light.</i>                         |  |     |      |        |      |
| Michael Ready.....                                   | 12 months salary as Light-keeper.....          | 100 | 00   |        |      |
| Peake Bros. & Co.....                                | Soap, padlock, towels, coal, tar, etc.....     | 8   | 16   |        |      |
| Poole & Lewis.....                                   | Cedar sills for both ranges.....               | 44  | 12   |        |      |
| M. Campbell.....                                     | Contract putting under new sills.....          | 20  | 00   |        |      |
| M. Ready.....  | Carting oil tank in and out for repairs.....   | 2   | 00   |        |      |
| Dodd & Roger.....                                    | Ruby glass for ranges.....                     | 3   | 80   |        |      |
| S. W. Crabbe.....                                    | Repairs to oil tank.....                       | 2   | 00   |        |      |
|  |  |     |      | 179    | 88   |
| Carried forward .....                                |  |     |      | 14,985 | 71   |

STATEMENT of Expenditure in connection with the Maintenance of Lights,  
in Prince Edward Island, etc.—*Continued.*

|                                       |   | \$ cts. | \$ cts.   |
|---------------------------------------|---|---------|-----------|
| Brought forward .....                 |   |         | 14,985 71 |
| <i>Summerside Wharf Light.</i>        |   |         |           |
| Charles Donahoe.....                  | 12 months salary as Light-keeper.....         | 100 00  |           |
| Peake, Bros. & Co .....               | Matches, towels, soap, etc.....               | 5 74    |           |
| John Newson .....                     | Blinds for lantern.....                       | 2 80    | 108 54    |
| <i>Crapaud Harbour Light.</i>         |   |         |           |
| Percy Palmer.....                     | 12 months salary as Light-keeper .....        | 100 00  |           |
| Peake Bros. & Co .....                | Soap, towels, matches, etc.....               | 4 74    | 104 74    |
| <i>Tignish River Lights.</i>          |   |         |           |
| Isidore Gaudet.....                   | 12 months salary as Light-keeper .....        | 100 00  |           |
| S. W. Crabbe.....                     | Repairs to lamp .....                         | 0 75    |           |
| Capt. F. Gallant.....                 | Labour and material for range mast.....       | 11 50   |           |
| Peake Bros. & Co .....                | Soap, towels, brooms, etc .....               | 11 31   |           |
| Isidore Gaudet.....                   | Repairing lantern, deck, etc .....            | 6 25    |           |
| Milton Walsh .....                    | Oil measures, etc .....                       | 1 45    |           |
| Peake Bros. & Co.....                 | Lamp wicks and railway freight.....           | 0 61    | 131 87    |
| <i>Cardigan River Light.</i>          |   |         |           |
| Angus Morrison .....                  | 9 months salary as Light-keeper .....         | 75 00   |           |
| Plus Flanigan .....                   | Clearing site and watching building.....      | 20 00   |           |
| Peake Bros. & Co .....                | Brooms, towels, waste, soap, etc.....         | 8 09    |           |
| Jas. Burke.....                       | Hand lantern, measures, etc .....             | 2 79    |           |
| McKinnon & McLean .....               | Brass thumb screw .....                       | 0 50    |           |
| S. W. Crabbe.....                     | Galvanized iron, blank pane for lantern ..... | 2 25    | 108 63    |
| <i>Brush Wharf Light, Orwell Bay.</i> |   |         |           |
| John McDonald.....                    | 12 months salary as Light-keeper .....        | 80 00   |           |
| S. W. Crabbe.....                     | Smoke shield, tap and drip pan .....          | 4 47    | 84 47     |
| <i>Inner Range, Covehead.</i>         |   |         |           |
| Ernest McMillan .....                 | 12 months salary as Light-keeper.....         | 60 00   |           |
| S. W. Crabbe.....                     | Soap, waste, matches, etc.....                | 2 17    | 62 17     |
| <i>Crapaud, Inner Range.</i>          |   |         |           |
| S. J. B. Leard .....                  | 12 months salary as Light-keeper.....         |         | 60 00     |
| <i>Inner Range, Murray Harbour.</i>   |   |         |           |
| Jas. Penny, sen.....                  | 12 months salary as Light-keeper.....         | 50 00   |           |
| Peake Bros. & Co.....                 | Broom, towels, cotton, waste, etc.....        | 5 48    | 55 48     |
| <i>Outer Range, Murray Harbour.</i>   |   |         |           |
| Abraham Daley .....                   | 12 months salary as Light-keeper.....         | 50 00   |           |
| Peake Bros. & Co .....                | Broom, towels, cotton, etc .....              | 2 90    | 52 90     |
| Carried forward.....                  |   |         | 15,754 51 |



STATEMENT of Expenditure in connection with the Maintenance of Lights in Prince Edward Island, etc.—Continued.

|   |  | \$ cts. | \$ cts.   |
|---|--|---------|-----------|
| Brought forward .....                   |  |         | 15,754 51 |
| <i>Inner Range, Georgetown Harbour.</i> |  |         |           |
| Roger Westaway.....                     | 14 months salary as Light-keeper, at \$50..... | 58 34   |           |
| S. W. Crabbe .....                      | New copper lantern, complete, etc.....         | 27 75   |           |
| Jas. Burke.....                         | Labour painting range masts and hut.....       | 7 48    |           |
| Peake Bros. & Co.....                   | Towels, broom, soap, etc.....                  | 6 20    | 99 77     |
| <i>Outer Range, Covehead.</i>           |  |         |           |
| Donald McMillan.....                    | 13 months salary as Light-keeper.....          | 40 00   |           |
| S. W. Crabbe .....                      | New lamp, waste, etc.....                      | 3 92    |           |
| D. McMillan .....                       | Brush, stone and labour for range block.....   | 41 50   |           |
| S. W. Crabbe .....                      | Repairs to lamp.....                           | 0 16    |           |
| Peake Bros. & Co.....                   | Soap, towels, iron, etc.....                   | 10 57   | 96 15     |
| <i>Cape Egmont Light.</i>               |  |         |           |
| Isidore Gallant.....                    | Railway freight on lantern.....                |         | 15 46     |
| <i>Savage Harour Range.</i>             |  |         |           |
| S. W. Crabbe.....                       | Repairs to lanterns.....                       | 5 00    |           |
| Joseph Egan.....                        | Extra work at range, per agreement.....        | 28 00   | 33 00     |
| BUOYS AND BEACONS.                      |  |         |           |
| <i>Summerside Buoys.</i>                |  |         |           |
| Ronald Campbell .....                   | 1 year's contract to 1st July, 1883.....       | 110 00  |           |
| do .....                                | do do 1884.....                                | 110 00  | 220 00    |
| <i>Orwell Bay Buoys.</i>                |  |         |           |
| John McDonald.....                      | 1 year's contract to 3rd July, 1883.....       |         | 48 00     |
| <i>New London Buoys.</i>                |  |         |           |
| D. McKenzie.....                        | 6 months contract to 1st July, 1883.....       | 49 50   |           |
| do .....                                | do to 31st December, 1883.....                 | 49 50   |           |
| do .....                                | do to 1st July, 1884.....                      | 49 50   | 148 50    |
| <i>St. Peter's Bay.</i>                 |  |         |           |
| J. L. Davidson.....                     | 1 year's contract to 1st July, 1883.....       |         | 58 50     |
| <i>Bedeque Bay.</i>                     |  |         |           |
| A. Grady .....                          | 1 year's contract to 1st July, 1883.....       | 35 00   |           |
| do .....                                | do do 1884.....                                | 35 00   | 70 00     |
| <i>Lower Grand River, East.</i>         |  |         |           |
| W. B. Howlett.....                      | 1 year's contract to 1st July, 1883.....       | 45 00   |           |
| do .....                                | do do 1884.....                                | 45 00   | 90 00     |
| Carried forward .....                   |  |         | 16,633 69 |

STATEMENT of Expenditure in connection with the Maintenance of Lights,  
in Prince Edward Island, etc.—*Continued.*

|                                     |   | \$ | cts. | \$     | cts. |
|-------------------------------------|---|----|------|--------|------|
|                                     | Brought forward.....  |    |      | 16,633 | 89   |
| <b>BUOYS AND BEACONS—Continued.</b> |   |    |      |        |      |
| <i>Upper Grand River, East.</i>     |   |    |      |        |      |
| W. B. Howlett.....                  | 1 year's contract to 26th May, 1884.....                              |    |      | 30     | 00   |
| <i>Egmont Bay.</i>                  |   |    |      |        |      |
| J. A. McNeil.....                   | 1 year's contract to 1st July, 1883.....                              | 54 | 00   |        |      |
| do.....                             | do do 1884.....   | 54 | 00   |        |      |
|                                     |   |    |      | 108    | 00   |
| <i>Miminigash (Big).</i>            |   |    |      |        |      |
| Paul R. Costain.....                | 1 year's contract to 1st July, 1883.....                              |    |      | 75     | 00   |
| <i>East River, Charlottetown.</i>   |   |    |      |        |      |
| J. J. Kelly.....                    | Account for repairs, painting and placing, in spring of 1883.....     | 61 | 16   |        |      |
| D. Small.....                       | Chain, mooring stone, etc.....  | 10 | 27   |        |      |
| J. J. Kelly.....                    | Lifting and storing, fall of 1883.....                                | 44 | 25   |        |      |
| Peake Bros. & Co.....               | Chain.....  | 4  | 95   |        |      |
|                                     |   |    |      | 120    | 63   |
| <i>Troyon River.</i>                |   |    |      |        |      |
| Jas. Mullins.....                   | 1 year's contract, \$8; staking channel, \$5; to 30th June, 1883..... |    |      | 13     | 00   |
| <i>Grand Tracadie.</i>              |   |    |      |        |      |
| Donald Campbell.....                | Mooring stones and replacing drift buoy.....                          | 9  | 00   |        |      |
| do.....                             | Replacing outer buoy.....   | 5  | 00   |        |      |
| do.....                             | Lifting and storing, fall of 1883.....                                | 25 | 00   |        |      |
| G. H. Foster.....                   | Iron work for buoys.....  | 3  | 05   |        |      |
| Peake Bros. & Co.....               | Chain.....  | 5  | 79   |        |      |
| D. Campbell.....                    | Repairs, painting and placing, spring of 1884.....                    | 22 | 00   |        |      |
| Peake Bros. & Co.....               | Chain, paint, etc.....  | 4  | 09   |        |      |
|                                     |   |    |      | 73     | 93   |
| <i>Pinnette Harbour and River.</i>  |   |    |      |        |      |
| Capt. A. Young.....                 | 6 months contract to 1st July, 1883.....                              | 25 | 00   |        |      |
| do.....                             | do do 31st December, 1883.....  | 25 | 00   |        |      |
| do.....                             | Bushing river, per agreement, 1883.....                               | 5  | 00   |        |      |
|                                     |   |    |      | 55     | 00   |
| <i>Malpeque Bay.</i>                |   |    |      |        |      |
| D. S. McNutt.....                   | Replacing outer buoy.....   | 15 | 00   |        |      |
| do.....                             | Lifting and storing, fall of 1883.....                                | 74 | 07   |        |      |
| McKinnon & McLean.....              | Mushroom and shackles.....  | 13 | 78   |        |      |
| Peake Bros. & Co.....               | Chain.....  | 65 | 45   |        |      |
| D. S. McNutt.....                   | Repairs, painting and placing, spring of 1884.....                    | 84 | 66   |        |      |
| McKinnon & McLean.....              | Mushroom and shackles.....  | 10 | 25   |        |      |
| Peake Bros. & Co.....               | Chain.....  | 66 | 76   |        |      |
|                                     |   |    |      | 329    | 97   |
| <i>Upper Cardigan Buoys.</i>        |   |    |      |        |      |
| D. S. McLaren.....                  | 6 months buoy contract to 1st July, 1883.....                         | 47 | 00   |        |      |
| do.....                             | do do to 31st December, 1883.....                                     | 47 | 00   |        |      |
| do.....                             | do do to 1st July, 1884.....  | 47 | 00   |        |      |
|                                     |   |    |      | 141    | 00   |
|                                     | Carried forward.....  |    |      | 17,580 | 42   |

STATEMENT of Expenditure in connection with the Maintenance of Lights  
in Prince Edward Island, etc.—*Continued.*

|                                     |   | \$  | cts. | \$     | cts.   |
|-------------------------------------|---|-----|------|--------|--------|
| Brought forward .....               |   |     |      | 17,580 | 43     |
| <b>BUOYS AND BEACONS—Continued.</b> |   |     |      |        |        |
| <i>East and West Souris.</i>        |   |     |      |        |        |
| Thomas Steele.....                  | 1 year's contract to 1st July, 1883. ....             |     |      |        | 26 33  |
| <i>North Rustico.</i>               |   |     |      |        |        |
| George McKay ..                     | Repairs, painting and placing, spring of 1883.....    | 46  | 00   |        |        |
| do                                  | Lifting and storing, fall of 1883.....                | 27  | 50   |        |        |
| McKinnon & McLean.....              | 3 mushrooms and shackles.....                         | 23  | 31   |        |        |
| Peake Bros. & Co.....               | Chain.....  | 2   | 73   |        | 99 54  |
| <i>Port Hill Buoys.</i>             |   |     |      |        |        |
| W. J. Ellis.....                    | 1 year's contract to 10th Oct., 1883.....             |     |      |        | 55 00  |
| <i>Corehead.</i>                    |   |     |      |        |        |
| James McMillan.....                 | Placing, lifting and storing, season, 1883 .....      | 30  | 00   |        |        |
| Peake Bros. & Co.....               | Chain.....  | 2   | 64   |        |        |
| do                                  | do .....  | 3   | 06   |        | 35 70  |
| <i>Vernon River.</i>                |   |     |      |        |        |
| John Finlay.....                    | Bushing channel per agreement, 1883.....              |     |      |        | 20 00  |
| <i>Savage Harb'our.</i>             |   |     |      |        |        |
| Charles McAdam.....                 | Buoy account, season of 1883.....                     | 24  | 50   |        |        |
| McKinnon & McLean.....              | Mushroom and shackles.....                            | 7   | 76   |        |        |
| Peake Bros. & Co. ....              | Chain.....  | 5   | 17   |        | 37 43  |
| <i>Cascumpec Harbour and River.</i> |   |     |      |        |        |
| George Wells.....                   | Placing drift buoys, lifting, etc., fall of 1883..... | 120 | 66   |        |        |
| McKinnon & McLean.....              | Mushroom and shackles.....                            | 18  | 62   |        |        |
| Peake Bros & Co.....                | Chain.....  | 2   | 44   |        |        |
| George Wells.....                   | Repairs, painting and placing, spring of 1884 .....   | 128 | 24   |        | 289 96 |
| <i>West Point.</i>                  |   |     |      |        |        |
| William McDonald .....              | Lifting and storing buoys, fall of 1883.....          | 15  | 00   |        |        |
| do                                  | Repairs and placing buoys, spring of 1884.....        | 15  | 00   |        | 30 00  |
| <i>Little Channel.</i>              |   |     |      |        |        |
| J. W. Palmer.....                   | Lifting and storing buoys, fall of 1883 .....         | 20  | 00   |        |        |
| do                                  | Repairs, painting and placing, spring of 1884.....    | 25  | 00   |        | 45 00  |
| <i>Crapaud.</i>                     |   |     |      |        |        |
| S. J. B. Leard.....                 | 1 year's contract to Dec., 1883.....                  | 49  | 00   |        |        |
| Wesley Meyers.....                  | Staking channel per agreement, 1883.....              | 5   | 00   |        | 54 00  |
| Carried forward.....                |   |     |      | 17,273 | 38     |

STATEMENT of Expenditure in connection with the Maintenance of Light-  
in Prince Edward Island, etc.—*Continued.*

|   |  | \$ cts. | \$ cts.   |
|---|--|---------|-----------|
|   | Brought forward .....                                  |         | 18,273 38 |
|   | <b>BUOYS AND BEACONS—Continued.</b>                    |         |           |
|   | <i>Pownal Bay.</i>                                     |         |           |
| Alex. A. Moore.....                       | Lifting and storing, fall of 1883.....                 | 23 00   |           |
| do .....                                  | Allowance for fall account of 1883, extra.....         | 10 00   |           |
| do .....                                  | Repairs, painting and placing, spring of 1884.....     | 30 78   |           |
| Peake Bros. & Co.....                     | Chain.....   | 7 81    |           |
|   |  |         | 71 59     |
|   | <i>Charlottetown, West and North River.</i>            |         |           |
| McKinnon & McLean....                     | Mushroom and shackles.....                             | 17 07   |           |
| G. H. Foster.....                         | Iron work for buoys.....                               | 33 10   |           |
| Peake Bros. & Co.....                     | Chain.....   | 2 04    |           |
| D. Small.....                             | Lifting, storing, etc., fall of 1883.....              | 198 25  |           |
| S. G. Lawson.....                         | Advertising for tenders.....                           | 1 50    |           |
| John Gaffney.....                         | Lettering bell buoys .....                             | 1 75    |           |
|   |  |         | 253 71    |
|   | <i>Georgetown and St. Margaret's Bay.</i>              |         |           |
| John Haggart.....                         | Lifting and storing buoys, fall of 1883.....           | 36 00   |           |
| do .....                                  | Repairs, painting and placing, spring of 1884.....     | 47 48   |           |
|   |  |         | 83 48     |
|   | <i>Montague River.</i>                                 |         |           |
| B. N. Johnstone .....                     | 12 months contract to 31st Dec, 1883.....              |         | 50 00     |
|   | <i>Rollo Bay.</i>                                      |         |           |
| Hugh Campbell.....                        | 12 months contract to 31 Dec., 1883.....               |         | 30 00     |
|   | <i>Lower Cardigan River.</i>                           |         |           |
| D. McDonald.....                          | 12 months contract to 31st Dec., 1883.....             |         | 33 33     |
|   | <i>Murray Harbour.</i>                                 |         |           |
| A. P. Prowse.....                         | 6 months contract to 7th Dec., 1883.....               | 65 00   |           |
| do .....                                  | Balance 1 year's contract to 31st Dec., '83, less \$20 | 45 00   |           |
|   |  |         | 110 00    |
|   | <i>Bay Fortune.</i>                                    |         |           |
| H. M. Dingwall.....                       | 12 months contract to 1st Oct., 1883.....              |         | 25 00     |
|   | <i>Beach Point.</i>                                    |         |           |
| C. Gaudet.....                            | Buoy service, season of 1883.....                      |         | 16 00     |
|   |  |         | 18,946 49 |
| Queen's Printer.....                      | Stationery and printing .....                          | 50 01   |           |
| Public Buildings, Char-<br>lottetown..... | Share towards maintaining and heating.....             | 60 12   |           |
|   |  |         | 113 13    |
|   | Total.....   |         | 19,059 62 |

F. GOURDEAU,  
*Actg. Accountant.*

WM. SMITH,  
*Deputy Minister of Marine.*

APPENDIX No. 7.

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure in connection with the Maintenance of Lighthouses, Buoys and Beacons, etc., British Columbia, for the Fiscal Year ended 30th June, 1884.

| AGENCY, SALARIES, ETC.             |  | \$      | cts.  | \$    | cts.     |
|------------------------------------|--|---------|-------|-------|----------|
| F. Revely.....                     | 12 months salary as Agent.....               | \$1,764 | 00    |       |          |
| do .....                           | do superannuation tax.....                   |         | 36 00 |       |          |
| do .....                           | Travelling expenses, paid postage, etc.....  |         |       | 1,800 | 00       |
| William Gregory.....               | 4½ months salary as Janitor, at \$10 00..... |         |       | 32    | 43       |
| William Bickford.....              | 7 do as temporary Janitor, at \$10.00..      |         |       | 45    | 00       |
| W. S. Wiffen.....                  | 47½ days clerical assistance, at \$3.00..... |         |       | 70    | 00       |
| Telegraph and Signal Service.....  | Messages .....                               |         |       | 142   | 50       |
| T. Shotbolt.....                   | Chromograph ink, etc.....                    |         |       | 26    | 90       |
| T. N. Hibben & Co.....             | Stamps, stationery, etc.....                 |         |       | 5     | 25       |
| J. J. Sargison.....                | 51 days clerical assistance, at \$3.00.....  |         |       | 71    | 87       |
| McKillican & Anderson..            | Chart case and book-shelves.....             |         |       | 153   | 00       |
| Victoria "Standard".....           | Annual subscription.....                     |         |       | 28    | 75       |
| DeWiederhold & Co.....             | ½ cord wood, cut and split.....              |         |       | 10    | 00       |
| T. C. Jones.....                   | Boat hire.....                               |         |       | 3     | 25       |
|                                    |  |         |       |       | 2,392 20 |
| MAINTENANCE AND REPAIRS TO LIGHTS. |  |         |       |       |          |
| <i>Race Rocks.</i>                 |  |         |       |       |          |
| Thomas Argyle.....                 | 12 months salary as Light-keeper.....        | \$1,488 | 00    |       |          |
| do .....                           | do superannuation tax.....                   |         | 12 00 |       |          |
| E. B. Marvin.....                  | Fish oil, etc.....                           |         |       | 1,500 | 00       |
| T. Shotbolt.....                   | Sponges, oil, etc.....                       |         |       | 238   | 14       |
| T. N. Hibben & Co.....             | Stationery.....                              |         |       | 24    | 50       |
| A. & W. Wilson.....                | Coal hod, etc., and repairs to lamp.....     |         |       | 2     | 12       |
| P. McQuade & Son.....              | Skidegate oil.....                           |         |       | 30    | 49       |
| Brown & White.....                 | Lens cover, etc.....                         |         |       | 7     | 75       |
| A. Limberri.....                   | Fish oil.....                                |         |       | 8     | 05       |
|                                    |  |         |       | 80    | 00       |
|                                    |  |         |       |       | 1,891 05 |
| <i>Fisgard.</i>                    |  |         |       |       |          |
| Henry Cogan.....                   | 8 months and 4 dys. salary as Light-keeper   | \$399   | 94    |       |          |
| do .....                           | do superannuation tax.....                   |         | 6 92  |       |          |
| Joseph Dare.....                   | 27 days as Light-keeper.....                 |         | 42 60 | 406   | 86       |
| do .....                           | do superannuation tax.....                   |         | 0 52  |       |          |
| E. B. Marvin.....                  | White lead, etc.....                         |         |       | 43    | 12       |
| T. Shotbolt.....                   | Lamp wicks, etc.....                         |         |       | 47    | 88       |
| T. N. Hibben & Co.....             | Stationery.....                              |         |       | 22    | 37       |
| Spring Vale Water Co..             | Water.....                                   |         |       | 1     | 00       |
| Brown & White.....                 | Cleaning cloths.....                         |         |       | 10    | 00       |
| W. G. Norris.....                  | Plane, hatchet, etc.....                     |         |       | 3     | 00       |
|                                    |  |         |       | 8     | 00       |
|                                    |  |         |       |       | 542 23   |
| <i>Cape Beale.</i>                 |  |         |       |       |          |
| E. Cox.....                        | 15 months salary as Light-keeper.....        | \$1,490 | 00    |       |          |
| do .....                           | do superannuation tax.....                   |         | 10 00 |       |          |
| O. E. Redfern.....                 | Repairing two clocks.....                    |         |       | 1,500 | 00       |
|                                    |  |         |       | 6     | 50       |
|                                    | Carried forward.....                         |         |       | 1,506 | 50       |
|                                    |  |         |       |       | 4,825 48 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, etc., British Columbia, etc.—Continued.

|  |  | \$ cts.  | \$ cts.   |
|--|--|----------|-----------|
|  | Brought forward.....   | 1,506 50 | 4,825 48  |
| MAINTENANCE AND REPAIRS TO LIGHTS—Continued. |  |          |           |
| <i>Cape Beale—Concluded.</i>                 |  |          |           |
| T. Shotbolt.....                             | Chamois skins, sponges, etc.....                                   | 45 38    |           |
| A. McInnes.....                              | Repairs to tramway, etc.....                                       | 16 00    |           |
| Indian "William".....                        | Carrying machinery, etc.....                                       | 10 00    |           |
| J. Devereux.....                             | Labour landing stores, etc.....                                    | 16 50    |           |
| McKillican & Anderson..                      | Labour, and material building coal shed.....                       | 107 25   |           |
| E. B. Marvin.....                            | Nails, white lead, etc.....  | 137 35   |           |
| Brown & White.....                           | Scrub flannel, blinds, etc.....                                    | 15 45    |           |
| W. G. Norris.....                            | Axe, mattock, etc.....   | 22 65    |           |
| W. P. Sayward.....                           | Lumber for coal shed.....  | 14 25    |           |
| A. & W. Wilson.....                          | Tap, and repairs to pump.....                                      | 6 50     |           |
| A. Ramsay & Sons.....                        | Plate glass.....   | 139 20   |           |
| Albion Iron Works.....                       | Repairs to machinery, etc.....                                     | 146 06   |           |
| C. P. N. Co.....                             | Freight on plate glass.....  | 37 50    |           |
| S. L. Kelly & Co.....                        | Sheet zinc, etc.....   | 7 00     |           |
| Matthews, Richards & Tye                     | Files, axehandles, etc.....  | 12 07    |           |
| H. Guillod.....                              | Conveyance of letters to and from Agency.....                      | 12 50    |           |
| Ah-ack-Soa <i>alias</i> Jimmy                | do do.....   | 4 00     |           |
| A. Cox.....                                  | Labour assisting keeper painting.....                              | 23 50    |           |
| D. McPhee.....                               | Labour repairing water-tank, etc.....                              | 106 75   |           |
| A. Vipond.....                               | Repairing lamp.....  | 1 50     |           |
|  |  |          | 2,387 91  |
| <i>Berens Island.</i>                        |  |          |           |
| Alex. McKinnon.....                          | 12 months salary as Light-keeper.....                              | \$492 00 |           |
| do.....                                      | do superannuation tax.....   | 8 00     |           |
|  |  | 500 00   |           |
| Thomas Shotbolt.....                         | Sponge, sweet oil, etc.....  | 12 50    |           |
| T. N. Hibben & Co.....                       | Stationery.....  | 1 00     |           |
| John Smith.....                              | Cleaning chimneys.....   | 6 50     |           |
| McKillican & Anderson..                      | Repairs to sink, and two ladders.....                              | 15 50    |           |
| Lettice & Sears.....                         | Assistance painting tower, etc.....                                | 28 00    |           |
| E. B. Marvin.....                            | Whitelead, oil, etc.....   | 53 52    |           |
| Brown & White.....                           | Cleaning cloths, etc.....  | 7 57     |           |
| P. McQuade & Son.....                        | Blue glass lights.....   | 28 00    |           |
| C. E. Redfern.....                           | Repairing clock.....   | 2 00     |           |
| A. & W. Wilson.....                          | do reflector.....  | 1 00     |           |
|  |  |          | 655 59    |
| <i>Lightship, Fraser River.</i>              |  |          |           |
| E. B. Marvin.....                            | Fish oil, cotton waste, etc.....                                   | 203 35   |           |
| Thomas Shotbolt.....                         | Novargent.....   | 5 00     |           |
| T. N. Hibben & Co.....                       | Stationery.....  | 2 37     |           |
| J. Middleton.....                            | 10 months 2 days hire temporary Lightship, at \$500 per month..... | 5,032 25 |           |
| Brown & White.....                           | Cleaning cloths.....   | 3 00     |           |
| P. McQuade & Son.....                        | Fish oil.....  | 12 25    |           |
| W. T. Collinson.....                         | do.....  | 68 40    |           |
| Albion Iron Works Co....                     | Casting, etc., fog-bell.....                                       | 47 80    |           |
| Langley & Co.....                            | Fish oil.....  | 30 00    |           |
| A. & W. Wilson.....                          | Dismantling lantern, etc.....                                      | 19 50    |           |
|  |  |          | 5,423 92  |
| <i>Entrance Island.</i>                      |  |          |           |
| Robert Gray.....                             | 12 months salary as Light-keeper.....                              | \$740 00 |           |
| do.....                                      | do superannuation tax.....   | 10 00    |           |
|  |  | 750 00   |           |
| McKillican & Anderson..                      | Lumber for repairs to kitchen.....                                 | 7 70     |           |
| E. B. Marvin.....                            | Lime, paint, brushes, etc.....                                     | 33 33    |           |
|  |  |          |           |
|  | Carried forward.....   | 791 03   | 13,292 90 |

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, British Columbia, etc.—*Continued.*

|  |  | \$ cts.  | \$ cts.   |
|--|--|----------|-----------|
|  | Brought forward.....                                 | 791 03   | 13,292 90 |
| MAINTENANCE AND REPAIRS TO LIGHTS— <i>Continued.</i> |  |          |           |
| <i>Entrance Island—Concluded.</i>                    |  |          |           |
| Hugh George.....                                     | Labour on repairs.....                               | 48 00    |           |
| Brown & White.....                                   | Blinds, etc.....                                     | 14 50    |           |
| A. & W. Wilson.....                                  | Repairing lamp.....                                  | 10 50    |           |
| S. L. Kelly & Co.....                                | Tinsmith's heater.....                               | 3 25     |           |
| Hirst Bros.....                                      | Coal oil.....  | 37 50    |           |
| C. P. N. Co.....                                     | Freight, etc., barrel of lamp glasses.....           | 4 77     |           |
| E. Chanteloup.....                                   | 6 dozen lamp glasses.....                            | 21 75    |           |
|  |  |          | 931 30    |
| <i>Point Atkinson.</i>                               |  |          |           |
| Walter Erwin.....                                    | 12 months salary as Light-keeper.....                | \$690 00 |           |
| do .....   | do superannuation tax.....                           | 10 00    |           |
|  |  | 700 00   |           |
| E. B. Marvin.....                                    | Linseed oil, whitelead, etc.....                     | 104 75   |           |
| Walter Erwin.....                                    | Labour assisting to paint tower, etc.....            | 18 00    |           |
| McKillican & Anderson.....                           | Shingles, etc.....                                   | 21 75    |           |
| Brown & White.....                                   | Cleaning cloths and blinds.....                      | 7 05     |           |
| W. G. Norris.....                                    | Lock, etc.....                                       | 3 15     |           |
| Thomas Shotbolt.....                                 | Sponge, etc.....                                     | 5 50     |           |
| O. E. Redfern.....                                   | Clock.....   | 5 00     |           |
|  |  |          | 865 20    |
| <i>Sand Heads.</i>                                   |  |          |           |
| T. Ewen.....   | 59 days as temporary Light-keeper, at \$3.00 per day | 177 00   |           |
| J. Davis.....  | do do do   | 177 00   |           |
| Alex. McInnes.....                                   | Cutting stove pipe holes, etc.....                   | 20 00    |           |
| Albion Iron Works.....                               | 4 thumb screws.....                                  | 2 00     |           |
| T. Argyle.....                                       | Repairs to lamps, etc.....                           | 32 50    |           |
| T. C. Jones.....                                     | 1 boat, etc.....                                     | 72 00    |           |
| A. & W. Wilson.....                                  | Fitting stove-piping, etc.....                       | 116 26   |           |
| Brown & White.....                                   | Lens cover, etc.....                                 | 18 05    |           |
| E. B. Marvin.....                                    | Fish oil, etc.....                                   | 127 23   |           |
|  |  |          | 742 04    |
| <i>Fog Whistle, Race Rocks.</i>                      |  |          |           |
| W. Cotsford.....                                     | Freight, coal.....                                   | 15 00    |           |
| E. B. Marvin.....                                    | Cotton waste, cement, etc.....                       | 34 00    |           |
| A. & W. Wilson.....                                  | Repairs to pipes, etc.....                           | 43 25    |           |
| R. Dunsmuir & Sons.....                              | Coal.....  | 49 50    |           |
| J. P. Burgess.....                                   | Labour and material, repair to smoke stack.....      | 25 79    |           |
| W. Williams.....                                     | Bricklayer.....                                      | 25 00    |           |
| M. Humber.....                                       | Bricks, etc.....                                     | 24 50    |           |
| McKillican & Anderson.....                           | Labour and material.....                             | 9 05     |           |
| George Stelly.....                                   | Cord wood.....                                       | 22 50    |           |
|  |  |          | 248 50    |
| <i>Fraser River Buoys.</i>                           |  |          |           |
| Joseph Spratt.....                                   | 4 days hire steamer "Maude".....                     | 300 00   |           |
| "The Colonist".....                                  | Advertisement <i>re</i> buoys.....                   | 26 00    |           |
| E. B. Marvin.....                                    | Chain, etc.....                                      | 372 95   |           |
| "The Columbian".....                                 | Advertisement <i>re</i> buoys.....                   | 6 40     |           |
| W. Sullivan.....                                     | Labour on buoys.....                                 | 14 00    |           |
| J. Devereux.....                                     | do do.....   | 230 00   |           |
| A. McInnes.....                                      | Making 5 spar buoys, North-Arm.....                  | 9 00     |           |
| W. McDowell.....                                     | Hauling 5 spar buoys.....                            | 6 25     |           |
| Matthews, Richards & Tye.....                        | Iron.....  | 1 26     |           |
|  |  |          | 16,030 03 |
|  | Carried forward.....                                 | 965 86   |           |

**STATEMENT** of Expenditure in connection with the Maintenance of Light-houses, etc., British Columbia, etc.—*Continued.*

|   |   | \$  | cts. | \$     | cts. |
|---|---|-----|------|--------|------|
|   | Brought forward.....                          | 965 | 86   | 16,080 | 03   |
| <b>MAINTENANCE AND REPAIRS TO LIGHTS—Concluded.</b> |   |     |      |        |      |
| <i>Fraser River Buys—Concluded.</i>                 |   |     |      |        |      |
| J. Robertson.....                                   | Swivels, bolts, etc.....                      | 19  | 63   |        |      |
| J. Williams.....                                    | Recovery of No. 6 buoy.....                   | 30  | 00   |        |      |
| S. Harris.....                                      | Labour on account buoys.....                  | 18  | 00   |        |      |
| Hasting's Saw Mill Co.....                          | Steamer "Maggie" laying buoys, North-Arm..... | 25  | 00   |        |      |
| Daily "Standard".....                               | Advertisement <i>re</i> buoys.....            | 6   | 00   |        |      |
|   |   |     |      | 1,064  | 43   |
| <i>Nanaimo Harbour Buys.</i>                        |   |     |      |        |      |
| G. Bishop.....                                      | Replacing buoys.....                          | 17  | 50   |        |      |
| Str. "Wilson G. Hunt".....                          | Freight on anchors, etc.....                  | 2   | 75   |        |      |
| E. B. Marvin.....                                   | Chain, etc.....                               | 28  | 95   |        |      |
|   |   |     |      | 49     | 20   |
| <i>Victoria and Esquimalt Harbour Buys.</i>         |   |     |      |        |      |
| S. Clifford.....                                    | Labour at buoys, etc.....                     | 12  | 50   |        |      |
| E. B. Marvin.....                                   | Chain, etc.....                               | 60  | 76   |        |      |
| Victoria "Standard".....                            | Advertisement <i>re</i> buoys.....            | 8   | 40   |        |      |
|   |   |     |      | 81     | 66   |
| <b>GENERAL ACCOUNT.</b>                             |   |     |      |        |      |
| Joseph Clark.....                                   | Repairs to buoy barge.....                    | 25  | 00   |        |      |
| E. B. Marvia.....                                   | Coil rope, oakum tent, etc.....               | 119 | 24   |        |      |
| J. R. Hett.....                                     | Legal advice, conveyancing, etc.....          | 33  | 85   |        |      |
| A. McInnes.....                                     | Labour on buoy barge.....                     | 19  | 00   |        |      |
| W. P. Sayward.....                                  | Lumber to repair boats and buoys.....         | 46  | 12   |        |      |
| G. G. Walker.....                                   | Plans, etc., for a buoy barge.....            | 50  | 00   |        |      |
| J. Devereux.....                                    | Labour on coal.....                           | 27  | 50   |        |      |
| S. Clifford.....                                    | Labour on coal barge.....                     | 10  | 50   |        |      |
| Dunsmuir & Sons.....                                | 63 tons coal for Lighthouses.....             | 283 | 50   |        |      |
| Victoria "Standard".....                            | Advertisement <i>re</i> buoy barge.....       | 23  | 75   |        |      |
| W. G. Norris.....                                   | Mattock, etc.....                             | 6   | 00   |        |      |
| A. & W. Wilson.....                                 | Soldering oil tins.....                       | 2   | 50   |        |      |
| Hudson Bay Co.....                                  | Storage, lantern ex. "Lady Head".....         | 120 | 96   |        |      |
| Victoria Gas Works.....                             | Coal tar.....                                 | 3   | 75   |        |      |
| Matthews, Richards & Tye                            | Chesterman's tape line.....                   | 4   | 75   |        |      |
| W. Gregory.....                                     | Labour pumping coal barge.....                | 2   | 00   |        |      |
| Telegraph and Signal Service.....                   | Telegraph messages.....                       | 24  | 50   |        |      |
| S. L. Kelly & Co.....                               | Stencil plate.....                            | 2   | 25   |        |      |
| T. N. Hibben & Co.....                              | Stationery supplied to Lighthouses.....       | 25  | 37   |        |      |
|   |   |     |      | 830    | 54   |
| Queen's Printer.....                                | Stationery and printing.....                  |     |      | 18,105 | 92   |
|   |   |     |      |        | 1 62 |
|   | <b>Total.....</b>                             |     |      | 18,107 | 54   |

F. GOURDEAU,  
*Actg. Accountant.*

WM. SMITH.  
*Deputy Minister of Marine.*



**STATEMENT of Expenditure in connection with the Maintenance of Light-houses, etc.—*Concluded.***

RECAPITULATION.

|   | \$ cts.    | \$ cts.    |
|---|------------|------------|
| Maintenance of Lights above Montreal..... | 70,788 27  |            |
| do between Quebec and Montreal.....       | 15,946 43  |            |
| do below Quebec.....                      | 101,302 25 |            |
| do Nova Scotia.....                       | 141,907 53 |            |
| do New Brunswick.....                     | 86,670 70  |            |
| do Prince Edward Island.....              | 19,059 62  |            |
| do British Columbia.....                  | 18,107 54  |            |
| do Cape Race.....                         | 1,002 19   |            |
| Buoys and Beacons—Port of Montreal.....   | 7,000 00   |            |
| Total.....                                |            | 461,784 63 |

WM. SMITH,  
*Deputy Minister of Marine.*

F. GOURDEAU,  
*Actg. Accountant.*

## APPENDIX No. 8.

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Construction of Lights and Fog-Whistles, etc., for the Fiscal Year ended 30th June, 1884.

|  |   | \$    | cts.  | \$  | cts.     |
|--|---|-------|-------|-----|----------|
| <b>ABOVE MONTREAL.</b>                                     |   |       |       |     |          |
| <b>GENERAL ACCOUNT.</b>                                    |   |       |       |     |          |
| D. G. R. Mann.....   | 275 days service as Draughtsman, from 1st July, 1883, to 31st March, 1884, at \$2.25 per diem.....  | \$618 | 75    |     |          |
| do .....   | 91 days service as Draughtsman, from 1st April to 30th June, 1884, at \$2.50 per diem.....          | 227   | 50    |     |          |
|  |   |       |       | 846 | 25       |
| W. G. Lampey.....  | 275 days service as Draughtsman, from 1st July, 1883, to 31st March, 1884, at \$1.75 per diem ..... | \$481 | 25    |     |          |
| do .....   | 91 days service as Draughtsman, from 1st April to 30th June, 1884, at \$2.00 per diem.....          | 182   | 00    |     |          |
|  |   |       |       | 663 | 25       |
| Steam Gauge and Lantern Co. ....                           | Marine signal lamps.....  |       | 33    | 50  |          |
| D. A. McLaughlin.....                                      | Tracings of North Channel Lights, blue prints, etc.   |       | 69    | 51  |          |
| J. Stevenson .....   | Tracings .....  |       | 13    | 00  |          |
| S. C. McLaughlin.....                                      | Copies of Lights, blue prints, etc.....   |       | 77    | 50  |          |
| Bank of Montreal.....                                      | To pay draft for marine lantern .....   |       | 262   | 92  |          |
| Canadian Pacific Ry.....                                   | Freight on signal lamps.....  |       | 4     | 84  |          |
| W. P. Anderson.....  | Travelling expenses .....   |       | 52    | 50  |          |
| G. A. Brown.....   | Preparing plans for fog-horns.....  |       | 90    | 00  |          |
| J. S. Climo.....   | Photographing prints of fog-horns.....  |       | 12    | 50  |          |
|  |   |       |       |     | 2,125 77 |
| <i>Cape Robert, Manitowaning and North Channel Lights.</i> |   |       |       |     |          |
| Joseph Mitchell.....                                       | Advertising for tenders .....   |       | 3     | 52  |          |
| Biggins & Son.....   | do .....  |       | 3     | 20  |          |
| Harvey & Knight.....                                       | do .....  |       | 4     | 80  |          |
| T. J. Bell.....  | do .....  |       | 4     | 16  |          |
| A. Denholm.....  | do .....  |       | 4     | 16  |          |
| Whitely & Todd.....  | do .....  |       | 7     | 93  |          |
| Kribs & Wesley.....  | do .....  |       | 6     | 10  |          |
| E. Garrett.....  | do .....  |       | 4     | 16  |          |
| "Enterprise" .....   | do .....  |       | 7     | 64  |          |
| Receiver-General .....                                     | To pay Indian funds for 50 acres of land.....   |       | 10    | 00  |          |
| A. Ramsay & Son.....                                       | Plate glass.....  |       | 224   | 40  |          |
| Algoma "Pioneer".....                                      | Advertising for tenders.....  |       | 3     | 70  |          |
| "Herald" Printing Co..                                     | do .....  |       | 5     | 55  |          |
|  |   |       |       |     | 289 32   |
| <i>Collingwood Harbour Beacon.</i>                         |   |       |       |     |          |
| "Enterprise" .....   | Advertising for tenders.....  |       | 3     | 00  |          |
| R. Reed.....   | Amount of contract.....   |       | 1,394 | 00  |          |
| A. Lockerbie.....  | Services inspecting .....   |       | 34    | 80  |          |
|  |   |       |       |     | 1,431 80 |
| <i>Gibraltar Point.</i>                                    |   |       |       |     |          |
| Grand Trunk Railway...                                     | Freight on fog-horn .....   |       | 37    | 60  |          |
| J. Aikins.....   | Teaming apparatus.....  |       | 15    | 00  |          |
| Neptune Fog-horn Co...                                     | Fog-horn and freight.....   |       | 2,162 | 40  |          |
|  |   |       |       |     | 2,215 00 |
|  | Carried forward .....   |       |       |     | 6,061 89 |

**STATEMENT of Expenditure on account of Construction of Lights and Fog-Whistles, etc.—Continued.**

|                                      |  | \$ cts.  | \$ cts.   |
|--------------------------------------|--|----------|-----------|
|                                      | Brought forward .....                  |          | 6,061 89  |
| <b>ABOVE MONTREAL—Continued.</b>     |  |          |           |
| <i>Gore Bay.</i>                     |  |          |           |
| "Enterprise" .....                   | Advertising for tenders.....           |          | 3 70      |
| <i>Gravenhurst.</i>                  |  |          |           |
| Hale Bros.....                       | Advertising for tenders.....           | 2 10     |           |
| "Northern Advance".....              | do .....                               | 2 50     |           |
| R. T. Pope.....                      | Surveying and description of site..... | 18 50    |           |
| H. Castle.....                       | Amount of contract.....                | 430 95   |           |
| F. C. Denison.....                   | Amount of consideration money.....     | 50 00    |           |
|                                      |  |          | 504 65    |
| <i>Hope Island.</i>                  |  |          |           |
| "Enterprise Messenger" .....         | Advertising for tenders.....           | 3 48     |           |
| E. Garrett .....                     | do .....                               | 2 90     |           |
| Hale Bros.....                       | do .....                               | 3 77     |           |
| Patterson & Watson.....              | do .....                               | 3 13     |           |
| E. Chanteloup.....                   | Lantern, lamps and apparatus.....      | 1,627 31 |           |
| A. Ramsay & Son.....                 | Plate glass, grinding edges, etc.....  | 162 99   |           |
| N. & N. W. Railway Co.               | Freight on apparatus.....              | 60 50    |           |
|                                      |  |          | 1,864 08  |
| <i>Isle of Coves,</i>                |  |          |           |
| Neptune Fog-horn Co.....             | 1 Fog-horn.....                        | 2,118 00 |           |
| N. & N. W. Railway Co.               | Freight on fog-horn.....               | 82 00    |           |
|                                      |  |          | 2,200 00  |
| <i>Loyal Island.</i>                 |  |          |           |
| Meaford "Mirror".....                | Advertising for tenders.....           | 2 24     |           |
| "Union Standard".....                | do .....                               | 2 80     |           |
| "Standard" Printing<br>House .....   | do .....                               | 2 80     |           |
| Stratford "Weekly Herald"<br>" ..... | do .....                               | 2 80     |           |
| Bradford "Witness".....              | do .....                               | 2 80     |           |
|                                      |  |          | 13 44     |
| <i>Mississogua Island.</i>           |  |          |           |
| L. C. Barney .....                   | Plate glass.....                       | 171 63   |           |
| Dawes Bros.....                      | Advertising for tenders .....          | 2 48     |           |
| E. Chanteloup.....                   | Lantern and apparatus .....            | 1,770 37 |           |
| H. Abbott.....                       | Freight and wharfage on apparatus..... | 146 62   |           |
| J. E. Askwith .....                  | On account contract.....               | 2,300 00 |           |
| "Northern Advance" .....             | Advertising for tenders.....           | 3 10     |           |
|                                      |  |          | 4,394 20  |
| <i>Muskoka.</i>                      |  |          |           |
| J. A. Macdonell .....                | Professional services.....             |          | 20 17     |
| <i>Prince Arthur's Landing.</i>      |  |          |           |
| M. P. McElhinney .....               | Travelling expenses inspecting.....    |          | 70 00     |
|                                      | Carried forward, .....                 |          | 15,131 53 |

**STATEMENT of Expenditure on account of Construction of Lights and Fog-Whistles, etc. *Continued.***

|                                     |  | \$ cts.  | \$ cts.   |
|-------------------------------------|--|----------|-----------|
|                                     | Brought forward .....  |          | 15,131 53 |
| <b>ABOVE MONTREAL—Continued.</b>    |  |          |           |
| <i>Swampy Island.</i>               |  |          |           |
| A. Rowe & Co.....                   | Advertising for tenders.....                                   | 2 80     |           |
| Gemmill & Groff.....                | do .....   | 2 80     |           |
| Manitoba "Journal".....             | do .....   | 2 80     |           |
| "International".....                | do .....   | 2 80     |           |
| E. Chanteloup .....                 | Lantern, blinds, etc.....                                      | 377 29   |           |
| A. Ramsay .....                     | Plate glass .....  | 47 00    |           |
|                                     |  |          | 435 49    |
| <i>Saugeen River.</i>               |  |          |           |
| Henry Harmer .....                  | On account contract.....                                       | 275 00   |           |
| Wm. Smith.....                      | Commission as Inspector.....                                   | 13 75    |           |
| F. E. Enright .....                 | Measurers.....   | 1 40     |           |
|                                     |  |          | 290 15    |
| <i>Upper Ottawa Lights.</i>         |  |          |           |
| D. O'Connor .....                   | Professional services <i>re</i> land at McQuestin's Point..... | 17 27    |           |
| John Watt .....                     | Bolts, hooks and eyes.....                                     | 4 00     |           |
|                                     |  |          | 21 27     |
| <i>Colchester Reef.</i>             |  |          |           |
|                                     |  |          | 15,878 44 |
| Wm. P. Anderson.....                | Surveying and locating light .....                             | 68 80    |           |
| Odette & Wherry .....               | Hire of yacht locating site.....                               | 80 50    |           |
| London "Free Press" ...             | Advertising for tenders.....                                   | 2 80     |           |
| "Maple Leaf".....                   | do .....   | 1 96     |           |
| Goderich "Star".....                | do .....   | 2 80     |           |
| Essex "Review".....                 | do .....   | 2 24     |           |
| "Journal" Printing Co.              | do .....   | 2 80     |           |
| "Mail" Printing Co.....             | do .....   | 6 75     |           |
| "Canadian" Printing Co              | do .....   | 2 24     |           |
| J. S. Quin.....                     | Diving and locating light.....                                 | 375 30   |           |
| E. J. Maxwell & Co. ....            | Lumber .....   | 14 71    |           |
| George Bishop.....                  | Boating Inspector .....  | 8 00     |           |
| G. J. Wilson.....                   | On account contract.....                                       | 2,000 00 |           |
|                                     |  |          | 2,568 90  |
| <b>BETWEEN QUEBEC AND MONTREAL.</b> |  |          |           |
| <i>Batiscan.</i>                    |  |          |           |
| F. Lattinville.....                 | Professional services.....                                     |          | 7 30      |
| <i>Ste. Emilie.</i>                 |  |          |           |
| J. E. Larue.....                    | Professional service <i>re</i> Regina vs. Laliberté .....      |          | 136 97    |
| <i>St. Francis.</i>                 |  |          |           |
| Wm. P. Anderson.....                | Locating site.....   | 27 00    |           |
| R. & O. Navigation Co...            | 2 posts for lamps, and laying same at mouth of river           | 75 00    |           |
|                                     |  |          | 102 00    |
|                                     |  |          | 246 27    |

STATEMENT of Expenditure on account of Construction of Lights and Fog-Whistles, etc.—Continued.

|                                   |  | \$    | cts.  | \$ | cts.     |
|-----------------------------------|--|-------|-------|----|----------|
| <b>BELOW QUREBEC.</b>             |  |       |       |    |          |
| <i>Cape Bauld.</i>                |  |       |       |    |          |
| "Sun" Publishing Co.....          | Advertising for tenders.....               |       | 3 50  |    |          |
| J. E. Askwith.....                | On account contract.....                   | 1,000 | 00    |    |          |
|                                   |  |       |       |    | 1,003 50 |
| <i>Crane Island.</i>              |  |       |       |    |          |
| L. E. Donohoe.....                | Two tracings.....                          |       | 8 00  |    |          |
| "Gazette" Printing Co.            | Advertising for tenders.....               |       | 2 80  |    |          |
| The "Star".....                   | do.....                                    |       | 2 80  |    |          |
| Daily "Telegraph".....            | do.....                                    |       | 2 80  |    |          |
| "Budget".....                     | do.....                                    |       | 2 80  |    |          |
| "Petit Journal".....              | do.....                                    |       | 2 80  |    |          |
| "Nouvelliste".....                | do.....                                    |       | 2 80  |    |          |
| "L'Etendard".....                 | do.....                                    |       | 2 80  |    |          |
| "Le Canadien".....                | do.....                                    |       | 2 80  |    |          |
| "Le Cultivateur".....             | do.....                                    |       | 2 80  |    |          |
| "L'Evenement".....                | do.....                                    |       | 2 80  |    |          |
| "Journal of Commerce"             | do.....                                    |       | 2 80  |    |          |
| "La Minerve".....                 | do.....                                    |       | 2 80  |    |          |
| "Post" Printing Co.....           | do.....                                    |       | 2 80  |    |          |
| "Moniteur du Commerce"            | do.....                                    |       | 2 80  |    |          |
| A. Coté & Cie.....                | do.....                                    |       | 2 80  |    |          |
| Morning "Chronicle".....          | do.....                                    |       | 2 80  |    |          |
|                                   |  |       |       |    | 52 80    |
| <i>Grand River.</i>               |  |       |       |    |          |
| A. Coté & Cie.....                | Advertising for tenders.....               |       | 2 60  |    |          |
| Daily "Telegraph".....            | do.....                                    |       | 2 60  |    |          |
| "La Canadien".....                | do.....                                    |       | 2 60  |    |          |
| "Nouvelliste".....                | do.....                                    |       | 2 60  |    |          |
| "Budget".....                     | do.....                                    |       | 2 60  |    |          |
| L. J. Demers & Frère.....         | do.....                                    |       | 2 60  |    |          |
| Morning "Chronicle".....          | do.....                                    |       | 2 60  |    |          |
| "Courrier du Canada".....         | do.....                                    |       | 2 60  |    |          |
| T. Carbery.....                   | Description and plan of site, etc.....     |       | 40 50 |    |          |
| do.....                           | To pay for land.....                       | 100   | 00    |    |          |
|                                   |  |       |       |    | 161 30   |
| <i>Rivièrs du Loup.</i>           |  |       |       |    |          |
| "Gazette des Campagnes".....      | Advertising for tenders.....               |       |       |    | 2 24     |
| <i>St. Peters or Flat Island.</i> |  |       |       |    |          |
| "Gazette des Campagnes".....      | Advertising for tenders.....               |       | 2 32  |    |          |
| George Bailey.....                | 100 feet galvanized rope.....              |       | 5 00  |    |          |
| L. C. Barney.....                 | Plate glass.....                           | 171   | 63    |    |          |
| E. Chanteloup.....                | Lantern, blinds, etc.....                  | 952   | 56    |    |          |
| W. H. Noble.....                  | Erecting apparatus.....                    | 64    | 66    |    |          |
| Stewart & Fleck.....              | Castings.....                              | 58    | 20    |    |          |
| T. E. Enright.....                | Lamp, etc.....                             | 7     | 25    |    |          |
| Stephen Bros.....                 | 12 panes of glass.....                     | 7     | 70    |    |          |
| H. St. A. Ormond.....             | Paid freight and cartage on apparatus..... | 3     | 75    |    |          |
| James Desmond.....                | In full for extras on contract.....        | 241   | 00    |    |          |
| J. Leterreur.....                 | Inspecting.....                            | 188   | 31    |    |          |
|                                   |  |       |       |    | 1,702 37 |
|                                   |  |       |       |    | 2,922 21 |

STATEMENT of Expenditure on account of Construction of Lights and Fog-Whistles, etc.—Continued.

|                                 |                               | \$ cts. | \$ cts. |
|---------------------------------|-------------------------------|---------|---------|
| <b>NEW BRUNSWICK.</b>           |                               |         |         |
| <i>Belledune.</i>               |                               |         |         |
| George Ingram.....              | Erecting beacon.....          | 95 00   |         |
| J. A. Simard.....               | Purchase of land.....         | 30 00   |         |
|                                 |                               |         | 125 00  |
| <i>Buctouche.</i>               |                               |         |         |
| Thomas Jaillet ....             | Inspecting.....               | 30 00   |         |
| "Sun" Publishing Co..           | Advertising for tenders.....  | 2 00    |         |
|                                 |                               |         | 32 00   |
| <i>Jemseg.</i>                  |                               |         |         |
| Daily "News".....               | Advertising for tenders.....  | 2 50    |         |
| "Sun" Publishing Co..           | do .....                      | 2 80    |         |
| Fredericton "Capitol" ..        | do .....                      | 2 80    |         |
| "Maple Leaf".....               | do .....                      | 2 24    |         |
| Chatham "World".....            | do .....                      | 2 80    |         |
| St. Croix "Courier".....        | do .....                      | 2 50    |         |
| "Union Advocate".....           | do .....                      | 8 56    |         |
| "Christian Visitor".....        | do .....                      | 5 80    |         |
| Moncton "Times".....            | do .....                      | 2 80    |         |
| N.B. "Reporter" Office.         | do .....                      | 2 80    |         |
| Woodstock "Press".....          | do .....                      | 1 16    |         |
| Barnes & Co.....                | do .....                      | 1 68    |         |
| "Maritime Farmer's" Office..... | do .....                      | 2 24    |         |
| "Bay Pilot".....                | do .....                      | 2 24    |         |
| "Le Moniteur Acadien" ..        | do .....                      | 2 80    |         |
|                                 |                               |         | 45 72   |
| <i>Lubec Narrows.</i>           |                               |         |         |
| "Sun" Publishing Co..           | Advertising for tenders ..... | 4 50    |         |
| N.B. "Reporter".....            | do .....                      | 3 00    |         |
| St. Croix "Courier".....        | do .....                      | 2 50    |         |
| "Maple Leaf".....               | do .....                      | 2 40    |         |
| Woodstock "Press".....          | do .....                      | 1 50    |         |
| "Daily News".....               | do .....                      | 3 75    |         |
| "Religious Intelligencer"       | do .....                      | 1 80    |         |
| "Union Advocate".....           | do .....                      | 3 00    |         |
| Chatham "World".....            | do .....                      | 3 00    |         |
| Fredericton "Capitol" ..        | do .....                      | 3 00    |         |
| "Maritime Farmer's" Office..... | do .....                      | 2 40    |         |
| "Bay Pilot".....                | do .....                      | 2 40    |         |
| Moncton "Times".....            | do .....                      | 3 00    |         |
| "Le Moniteur Acadien" ..        | do .....                      | 3 00    |         |
|                                 |                               |         | 39 25   |
| <i>Newcastle.</i>               |                               |         |         |
| Chatham "World".....            | Advertising for tenders.....  | 4 68    |         |
| A. Ramsay & Son.....            | Plate glass.....              | 15 07   |         |
| George Mitchell.....            | Amount of contract.....       | 130 00  |         |
|                                 |                               |         | 149 75  |
| <i>Palmer's Point.</i>          |                               |         |         |
| G. W. Palmer.....               | On account of contract.....   |         | 200 00  |
|                                 |                               |         | 591 72  |
| Carried forward.....            |                               |         |         |

STATEMENT of Expenditure on account of Construction of Lights and Fog-Whistles, etc.—Continued.

|                                 |  | \$ cts.  | \$ cts.  |
|---------------------------------|--|----------|----------|
|                                 | Brought forward.....                     |          | 591 72   |
| <b>NÉW BRUNSWICK—Continued.</b> |  |          |          |
| <i>Pokemouche.</i>              |  |          |          |
| George Hevenor.....             | Lantern, lamps, etc.....                 |          | 61 18    |
| <i>Quaco.</i>                   |  |          |          |
| "Sun" Publishing Co....         | Advertising for tenders.....             | 4 20     |          |
| "Le Moniteur Acadien" ..        | do .....                                 | 2 80     | 7 00     |
| <i>St. Martin's Head.</i>       |  |          |          |
| Neptune Fog-horn Co....         | 1 fog-horn.....                          | 2,169 60 |          |
| Wm. Snider.....                 | Survey and plan of site of light.....    | 39 20    | 2,208 80 |
|                                 |  |          | 2,863 10 |
| <b>NOVA SCOTIA.</b>             |  |          |          |
| <i>General Account.</i>         |  |          |          |
| H. W. Johnston .....            | Paid freight on lantern.....             |          | 44 02    |
| <i>Abbot's Harbour.</i>         |  |          |          |
| M. D'Entrement.....             | Putting up lantern.....                  | 10 00    |          |
| J. R. Kenney.....               | Charges on apparatus.....                | 1 39     | 11 39    |
| <i>Advocate Harbour.</i>        |  |          |          |
| H. S. Piper.....                | Advertising for tenders.....             | 2 16     |          |
| "Trades Journal".....           | do .....                                 | 1 25     |          |
| Hants "Journal".....            | do .....                                 | 2 16     |          |
| Lunenburg "Progress" ..         | do .....                                 | 1 00     |          |
| "Advocate" Publishing Co.....   | do .....                                 | 4 32     |          |
| "Church Guardian".....          | do .....                                 | 5 00     |          |
| Dartmouth "Times".....          | do .....                                 | 2 16     |          |
| W. B. Alley.....                | do .....                                 | 2 16     |          |
| Liverpool "Times".....          | Advertising for tenders .....            | 2 70     |          |
| "Wesleyan" Office.....          | do .....                                 | 2 16     |          |
| J. A. Halliday.....             | do .....                                 | 2 16     |          |
| E. Chanteloup.....              | Lantern and bracket gallery.....         | 374 29   | 401 52   |
| <i>Beaver Island.</i>           |  |          |          |
| D. Fougere.....                 | Land for light.....                      |          | 25 60    |
| <i>Cranberry Island.</i>        |  |          |          |
| W. B. Alley.....                | Advertising for tenders.....             | 5 04     |          |
| W. H. Noble.....                | Erecting lantern, etc.....               | 108 15   |          |
| E. Chanteloup.....              | Lantern, blinds, cages, shafts, etc..... | 1,102 44 |          |
| J. G. Sinclair.....             | Amount of contract.....                  | 3,690 00 | 4,905 63 |
| Carried forward.....            |  |          | 5,367 54 |

STATEMENT of Expenditure on account of Construction of Lights and Fog-Whistles, etc.—Continued.

|                               |   | \$  | cts. | \$    | cts. |
|-------------------------------|---|-----|------|-------|------|
|                               | Brought forward.....                                |     |      | 5,387 | 57   |
| <b>NOVA SCOTIA—Continued.</b> |   |     |      |       |      |
| <i>Horton Bluff.</i>          |   |     |      |       |      |
| "Evening Mail".....           | Advertising for tenders.....                        | 2   | 80   |       |      |
| Lunenburg "Progress".....     | do.....   | 1   | 00   |       |      |
|                               |   |     |      | 3     | 80   |
| <i>Jerome Point.</i>          |   |     |      |       |      |
| "Morning Chronicle" ...       | Advertising for tenders.....                        | 48  | 00   |       |      |
| "Advocate" Publishing Co..... | do.....   | 44  | 00   |       |      |
| Wm. Graham.....               | Services <i>in re</i> expropriation of land.....    | 10  | 00   |       |      |
| L. J. O'Toole.....            | Balance of contract.....                            | 30  | 00   |       |      |
|                               |   |     |      | 132   | 00   |
| <i>Lennox Passage.</i>        |   |     |      |       |      |
| "Evening Mail".....           | Advertising for tenders.....                        | 4   | 80   |       |      |
| McIntosh & McInnis.....       | Lumber.....   | 842 | 00   |       |      |
| J. McVean.....                | Amount of contract.....                             | 854 | 86   |       |      |
| do.....                       | Paid carpenter's work.....                          | 151 | 22   |       |      |
| do.....                       | 79 days superintending work, at \$2.50 per day..... | 197 | 50   |       |      |
|                               |   |     |      | 2,050 | 38   |
| <i>Piper's Cove.</i>          |   |     |      |       |      |
| Lunenburg "Progress".....     | Advertising for tenders.....                        | 1   | 00   |       |      |
| "Casket".....                 | do.....   | 3   | 92   |       |      |
| "Western Chronicle".....      | do.....   | 4   | 32   |       |      |
| "Trades Journal".....         | do.....   | 1   | 25   |       |      |
| Liverpool "Times".....        | do.....   | 2   | 70   |       |      |
| Hants "Journal".....          | do.....   | 2   | 16   |       |      |
| "Presbyterian Witness".....   | do.....   | 2   | 16   |       |      |
| "Evening Mail".....           | do.....   | 5   | 40   |       |      |
| "Morning Herald".....         | do.....   | 5   | 40   |       |      |
| "The Plaindealer".....        | do.....   | 0   | 90   |       |      |
| Dartmouth "Times".....        | do.....   | 2   | 16   |       |      |
| W. B. Alley.....              | do.....   | 2   | 16   |       |      |
| J. W. Watt.....               | do.....   | 5   | 40   |       |      |
| "Colonial Standard".....      | do.....   | 5   | 40   |       |      |
| "Wesleyan" Office.....        | do.....   | 2   | 16   |       |      |
| "Weekly Courier".....         | do.....   | 2   | 16   |       |      |
| North Sydney "Herald".....    | do.....   | 2   | 70   |       |      |
| J. A. Halliday.....           | do.....   | 2   | 16   |       |      |
| "Weekly Monitor".....         | do.....   | 2   | 16   |       |      |
| Steam Gauge Co.....           | Signal lamps.....                                   | 180 | 25   |       |      |
| A. Ramsay & Son.....          | Plate glass.....                                    | 97  | 63   |       |      |
| E. Chanteloup.....            | Lantern and bracket gallery.....                    | 377 | 29   |       |      |
|                               |   |     |      | 710   | 84   |
| <i>Quaker Island.</i>         |   |     |      |       |      |
| "Weekly Monitor".....         | Advertising for tenders.....                        | 2   | 48   |       |      |
| Digby Publishing Co.....      | do.....   | 2   | 48   |       |      |
| "Presbyterian Witness".....   | do.....   | 2   | 48   |       |      |
| "Church Guardian".....        | do.....   | 2   | 50   |       |      |
| "Evening Mail".....           | do.....   | 3   | 10   |       |      |
| "Morning Herald".....         | do.....   | 3   | 10   |       |      |
| "Wesleyan" Office.....        | do.....   | 2   | 48   |       |      |
| E. Chanteloup.....            | Lantern and apparatus.....                          | 378 | 17   |       |      |
|                               |   |     |      |       |      |
|                               | Carried forward.....                                | 396 | 79   | 8,284 | 59   |



STATEMENT of Expenditure on account of Construction of Lights and Fog-Whistles, etc.—Continued.

|  |   | \$ cts.  | \$ cts.  |
|--|---|----------|----------|
|  | Brought forward .....                           | 396 79   | 8,281 59 |
| NOVA SCOTIA—Continued.                           |   |          |          |
| <i>Quaker Island—Concluded.</i>                  |   |          |          |
| Intercolonial Railway....                        | Freight on lantern, etc.....                    | 19 80    |          |
| Chance Bros.....                                 | Lenses for anchor light, £25 Es. 6d.....        | 123 73   |          |
| T. O'Neil.....                                   | Amount of contract .....                        | 1,335 00 | 1,875 32 |
| <i>Sand Point.</i>                               |   |          |          |
| "Neptune Fog Horn Co." 1                         | 1 fog-horn .....                                |          | 2,100 00 |
| <i>St. Peter's Canal.</i>                        |   |          |          |
| "Morning Herald".....                            | Advertising for tenders.....                    | 4 80     |          |
| D. Clough.....                                   | To pay for land.....                            | 25 00    |          |
| C. Forrest.....                                  | do .....  | 25 00    |          |
| B. Sampson and J. Joice                          | do .....  | 50 00    |          |
| John McNeil.....                                 | Erecting small light.....                       | 124 64   | 229 44   |
| PRINCE EDWARD ISLAND.                            |   |          |          |
| <i>Cape Egmont.</i>                              |   |          |          |
| Artemas Lord.....                                | Paid for making road.....                       | 283 00   |          |
| A. Arsenaull.....                                | do for opening road.....                        | 28 17    |          |
| Isidore Gallant.....                             | On account of contract.....                     | 1,200 00 |          |
| P. Doyle.....                                    | Inspecting.....                                 | 75 00    | 1,586 17 |
| <i>Cardigan.</i>                                 |   |          |          |
| E. J. Hodgson.....                               | Professional services.....                      | 72 76    |          |
| R. Campbell.....                                 | Purchase of land for site.....                  | 125 00   |          |
| Prothonotary of the<br>Supreme Court.....        | Interest in connection with land for light..... | 19 60    |          |
| George Whiteman.....                             | Amount of contract.....                         | 291 00   |          |
| do .....   | Extras on do .....                              | 39 32    |          |
| P. Flannigan.....                                | Inspecting.....                                 | 24 75    | 572 43   |
| BRITISH COLUMBIA.                                |   |          |          |
| <i>Active Pass.</i>                              |   |          |          |
| Michael Dunn.....                                | Purchase of 4 acres of land, at \$12.50.....    |          | 50 00    |
| <i>Plumper's Pass.</i>                           |   |          |          |
| "Daily Evening Post"....                         | Advertising for tenders.....                    | 4 80     |          |
| "Victoria Standard"....                          | do .....  | 4 80     |          |
| "British Columbian"....                          | do .....  | 3 98     |          |
| "Mainland Guardian"....                          | do .....  | 4 80     |          |
| Nanaimo "Free Press"....                         | do .....  | 4 80     |          |
| "Inland Sentinel".....                           | do .....  | 3 20     | 26 35    |
| <i>Fraser River Lightship, Sand's Head, B.C.</i> |   |          |          |
| F. C. Gamble.....                                | Examining Fraser River .....                    | 25 00    |          |
| J. Devereux.....                                 | Labour on fog-bell.....                         | 10 00    |          |
| T. McKay.....                                    | On account of contract.....                     | 9,250 00 |          |
| A. McInnis.....                                  | Superintending.....                             | 469 00   | 76 35    |
|  |   |          | 9,754 00 |

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STATEMENT of Expenditure on account of Construction of Lights and  
Fog-Whistles, etc.—*Continued.*

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RECAPITULATION.

|  | \$     | cts. | \$     | cts.  |
|--|--------|------|--------|-------|
| Construction of Lights above Montreal.....     | 15,878 | 44   |        |       |
| do between Quebec and Montreal.....            | 246    | 27   |        |       |
| do below Quebec.....                           | 2,922  | 21   |        |       |
| do New Brunswick.....                          | 2,868  | 70   |        |       |
| do Nova Scotia.....                            | 12,489 | 35   |        |       |
| do Prince Edward Island.....                   | 2,158  | 60   |        |       |
| do British Columbia.....                       | 76     | 38   |        |       |
| do Colchester Reef.....                        | 2,568  | 90   |        |       |
| do Sands Head.....                             | 9,754  | 00   |        |       |
| Queen's Printer, stationery and printing.....  |        |      | 48,962 | 85    |
|  |        |      |        | 85 41 |
|  |        |      | 49,048 | 26    |
| REFUND.  |        |      |        |       |
| E. J. Maxwell, lumber for Colchester Reef..... |        |      |        | 14 71 |
|  |        |      | 49,033 | 55    |

WM. SMITH,

*Deputy Minister of Marine and Fisheries.*

F. GOURDEAU,

*Acting Accountant.*

## APPENDIX No. 9

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Dominion Steamers, for the Fiscal Year ended 30th June, 1884.

|                           |   | "Napoleon III." | \$ cts.   | \$ cts. |
|---------------------------|---|-----------------|-----------|---------|
| E. Larochelle.....        | 12 months salary as Captain.....        |                 | 1,000 00  |         |
| do .....                  | Pay-list, wages of crew.....            |                 | 8,137 56  |         |
| A. J. Turcotte.....       | Groceries.....                          |                 | 899 64    |         |
| D. Langlois.....          | Milk.....                               |                 | 56 88     |         |
| L. Marois.....            | Vegetables.....                         |                 | 352 33    |         |
| L. Arel.....              | Fresh meats.....                        |                 | 1,044 20  |         |
| G. Tanguay.....           | Flour and salt fish.....                |                 | 129 55    |         |
| Noonan & Davies.....      | Beef, bread, vegetables.....            |                 | 195 59    |         |
| P. Plamondon.....         | Fresh fish.....                         |                 | 110 46    |         |
| E. Larochelle.....        | Paid for provisions.....                |                 | 97 36     |         |
| J. B. Côté.....           | Fresh pork, butter, lard, etc.....      |                 | 321 85    |         |
| J. Morin.....             | Milk, bread, etc.....                   |                 | 35 48     |         |
| O. Laflamme.....          | Bread.....                              |                 | 224 40    |         |
| A. Fraser.....            | Beef.....                               |                 | 18 00     |         |
| Jno. Davis.....           | Provisions.....                         |                 | 46 75     |         |
| J. F. Eden.....           | Beef.....                               |                 | 45 00     |         |
| J. Shea & Bro.....        | Beef, salt pork, butter, etc.....       |                 | 434 00    |         |
| F. Bégin.....             | Milk.....                               |                 | 7 50      |         |
| J. Huot.....              | Syrup.....                              |                 | 5 00      |         |
| F. X. Gagnon.....         | do.....                                 |                 | 5 00      |         |
| Beaudet & Chinic.....     | Paint, oil, iron, etc.....              |                 | 282 17    |         |
| E. Giroux et frères.....  | Medicines.....                          |                 | 20 15     |         |
| R. Blakiston.....         | Sails.....                              |                 | 46 92     |         |
| J. Dunn.....              | Tallow and soap.....                    |                 | 188 42    |         |
| G. Lamontagne.....        | Clock.....                              |                 | 4 00      |         |
| Black & Co.....           | Paint.....                              |                 | 79 83     |         |
| Imperial Oil Co.....      | Petroleum.....                          |                 | 11 00     |         |
| J. L. Martineau.....      | Paint.....                              |                 | 12 00     |         |
| Auger & Martineau.....    | Screws and paint.....                   |                 | 82 72     |         |
| O. Simard.....            | Paint, tinware, etc.....                |                 | 100 06    |         |
| Audet & Robitaille.....   | Rope, canvas, etc.....                  |                 | 219 48    |         |
| L. Leclerc.....           | Safe.....                               |                 | 25 00     |         |
| J. B. Dutil.....          | Oars.....                               |                 | 8 00      |         |
| B. Eden.....              | Rope.....                               |                 | 42 25     |         |
| J. Hamel et frères.....   | Quilts.....                             |                 | 24 83     |         |
| S. Boyce.....             | Rockets.....                            |                 | 8 00      |         |
| S. J. Shaw & Co.....      | Packing, tools, etc.....                |                 | 181 25    |         |
| Renaud & Co.....          | Crockery.....                           |                 | 38 68     |         |
| J. Hamel et frère.....    | Serge.....                              |                 | 31 20     |         |
| O. Vézina.....            | Tools.....                              |                 | 18 60     |         |
| Geo. Jones.....           | Coffee pots.....                        |                 | 6 50      |         |
| G. M. Webster & Co.....   | Cement.....                             |                 | 4 50      |         |
| O. Vézina.....            | Repairing bunkers and smoke stacks..... |                 | 741 74    |         |
| T. Boutier.....           | Carpenters' repairs.....                |                 | 361 16    |         |
| E. Mathurin.....          | Repairs.....                            |                 | 35 60     |         |
| A. Cloutier.....          | do.....                                 |                 | 16 20     |         |
| G. T. Davie.....          | Use of dock and gridiron.....           |                 | 645 88    |         |
| Hy. Black.....            | Castings.....                           |                 | 30 92     |         |
| S. Peters.....            | Lumber and deck planking.....           |                 | 371 09    |         |
| Carrier, Laine & Co.....  | Bushes and shaft.....                   |                 | 798 80    |         |
| Nova Scotia Forge Co..... | Repairing anchor flue.....              |                 | 86 00     |         |
| G. Lamontagne.....        | do docks.....                           |                 | 3 00      |         |
| O. Simard.....            | do kitchen utensils.....                |                 | 10 75     |         |
| Bisset Bros.....          | Castings.....                           |                 | 38 13     |         |
| Carried forward.....      |   |                 | 17,741 38 |         |

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

|                            |  | \$ cts.   | \$ cts. |
|----------------------------|--|-----------|---------|
|                            | Brought forward.....   | 17,741 38 |         |
|                            | " <i>Napoleon III.</i> "—Continued.                                      |           |         |
| G. T. Phillips.....        | Brass and coppersmiths' repairs.....                                     | 366 04    |         |
| J. F. Arel.....            | Repairing chairs.....  | 22 00     |         |
| J. M. Tardiff.....         | Oak.....   | 4 90      |         |
| S. Bédard.....             | Repairing lamps.....   | 49 20     |         |
| O. Gourdeau.....           | Carpenters' repairs.....   | 132 00    |         |
| J. Eden.....               | Rent of coal yard.....   | 100 00    |         |
| E. Larochelle.....         | Paid for labour coaling.....   | 30 80     |         |
| Noonan & Davies.....       | 186½ tons coal, at \$2.50.....   | 481 25    |         |
| do.....                    | Commission.....  | 12 03     |         |
| D. McDonald.....           | Freight on 104½ tons coal, at \$1.50.....                                | 156 75    |         |
| Acadia Coal Co.....        | 459½ tons coal, at \$2.40.....   | 1,102 80  |         |
| D. McCarthy.....           | Freight on 88 tons coal, at \$1.50.....                                  | 132 00    |         |
| G. M. Webster & Co.....    | 1 chaldron coal.....   | 7 00      |         |
| F. Lacombe.....            | Labour at coal.....  | 11 00     |         |
| J. Robinson.....           | do.....  | 12 00     |         |
| L. Laurent.....            | do.....  | 9 00      |         |
| G. Bélanger.....           | do.....  | 25 50     |         |
| J. Eden.....               | do.....  | 19 50     |         |
| Queen's Wharf.....         | Wharfage.....  | 200 00    |         |
| G. T. Davie.....           | Towage.....  | 60 00     |         |
| J. Brousseau.....          | Labour loading.....  | 12 78     |         |
| J. Couturier.....          | do.....  | 12 50     |         |
| J. Ryan.....               | do.....  | 6 00      |         |
| T. D. Shipman.....         | Passage of crew to Halifax.....  | 286 75    |         |
| P. Rouillard.....          | Washing.....   | 94 00     |         |
| J. Marmen.....             | Cartage.....   | 33 20     |         |
| J. Rolph.....              | do.....  | 2 41      |         |
| Acadia Coal Co.....        | 214½ tons of coal, at \$2.60.....  | \$557 70  |         |
| do.....                    | 110 tons 900 lbs. of coal, at \$2.60.....                                | 300 04    |         |
| do.....                    | Premium.....   | 2 15      |         |
|                            |  | 859 89    |         |
| Noonan & Davies.....       | 26½ tons of coal, at \$2.30, \$60.95; water, labor,<br>&c., \$47.75..... | 108 70    |         |
| J. D. McLeod & Co.....     | Groceries, etc.....  | 113 22    |         |
| Blake Bros.....            | Meat, vegetables, etc.....   | 220 47    |         |
| John Quirk.....            | Bread, etc.....  | 28 96     |         |
| Mrs. Ellen Morgan.....     | Washing.....   | 29 00     |         |
| Poole & Lewis.....         | Lumber.....  | 6 28      |         |
| Peake Bros.....            | Iron work repairs.....   | 8 25      |         |
| A. Dickson.....            | Milk.....  | 13 60     |         |
| John Lowrie.....           | Water.....   | 6 72      |         |
| S. W. Crabbe.....          | Cotton waste.....  | 9 10      |         |
| Brennan Bros.....          | Stationery.....  | 2 70      |         |
| P. McLellan.....           | Taking charge of mails.....  | 5 00      |         |
| Tug "Henry Aitkin".....    | Towage from wharf.....   | 5 00      |         |
| John Coomb.....            | Cost and expenses for lever bar lost.....                                | 35 80     |         |
| John Parker.....           | Beef, mutton, etc.....   | 127 19    |         |
| John P. Mott & Co.....     | Tallow and soap.....   | 32 52     |         |
| S. Cunard & Co.....        | 155 tons coal, at \$3.15.....  | 488 25    |         |
| George E. Smith & Co.....  | Shipchandlery.....   | 438 21    |         |
| J. Hogan & Sons.....       | Lumber.....  | 12 81     |         |
| Moir, Son & Co.....        | Bread.....   | 54 87     |         |
| John White.....            | Tinsmith's supplies.....   | 92 35     |         |
| J. S. Butler.....          | Oars.....  | 6 75      |         |
| Intercolonial Railway..... | Conveyance of seamen.....  | 246 32    |         |
| do.....                    | Freight on plank.....  | 39 00     |         |
| E. Larochille.....         | Trimming coal.....   | 8 50      |         |
| do.....                    | Board, wages.....  | 25 00     |         |
| do.....                    | Disbursements.....   | 31 00     |         |
| J. McArthur.....           | Milk.....  | 7 35      |         |
| R. Beazley & Co.....       | Fish.....  | 10 00     |         |
| Mayor of Halifax.....      | Donation to fire brigade.....  | 100 00    |         |
| Hon. L. E. Baker.....      | Dockage.....   | 12 50     |         |
| W. & J. Glendenning.....   | Ice.....   | 30 00     |         |
|                            | Carried forward.....   | 24,328 10 |         |

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

|                                      |   | \$ cts.   | \$ cts.   |
|--------------------------------------|---|-----------|-----------|
| Brought forward .....                |   | 24,328 10 |           |
| <i>"Napoleon III"</i> —Concluded.    |   |           |           |
| <b>Acadia Coal Co.</b> .....         | 148½ tons coal, at \$2.60.....                    | 386 10    |           |
| <b>Michael Devan</b> .....           | Repairs, laying decks, sawing and planing lumber. | 331 00    |           |
| do .....                             | Caulking decks.....                               | 220 00    |           |
| <b>S. Belanger</b> .....             | Scraping and washing.....                         | 30 00     |           |
| <b>Octave Gourdeau</b> .....         | Carpenter's labour.....                           | 119 00    |           |
| <b>Michael Walsh</b> .....           | Repairs, lumber, etc.....                         | 200 60    |           |
| <b>Maria O'Brien</b> .....           | Washing.....                                      | 13 20     |           |
| <b>Thomas Had</b> .....              | Labour at coal.....                               | 43 53     |           |
| <b>Archille Marchand</b> .....       | Repairs.....                                      | 37 75     |           |
| <b>Maurice Downey</b> .....          | Painting.....                                     | 135 00    |           |
| <b>A. Ferguson</b> .....             | Labour and board.....                             | 48 12     |           |
| <b>J. W. Gabel</b> .....             | Repairing instruments.....                        | 8 25      |           |
| <b>Charles Neal</b> .....            | Stove.....  | 6 00      |           |
| <b>Lordly &amp; Stimpson</b> .....   | Provisions.....                                   | 151 98    |           |
| <b>Theakston &amp; Angevin</b> ..... | Shipchandlery.....                                | 86 15     |           |
| <b>William Whiston</b> .....         | Beef and mutton.....                              | 110 89    |           |
| <b>F. Meyer</b> .....                | Pork, ham, lard, &c.....                          | 3 00      |           |
| <b>J. A. Matheson</b> .....          | Crockeryware, etc.....                            | 77 70     |           |
| <b>Burns &amp; Murray</b> .....      | Oil cloth.....                                    | 15 45     |           |
| <b>Macdonald &amp; Co.</b> .....     | Machinest's supplies.....                         | 32 60     |           |
|                                      |   |           | 26,384 42 |
| <i>Steamer "Druid."</i>              |   |           |           |
| <b>L. R. Demers</b> .....            | 11 months salary as Captain.....                  | 733 33    |           |
| do .....                             | Pay-list, wages of crew.....                      | 5,397 09  |           |
| <b>L. Marois</b> .....               | Vegetables.....                                   | 512 68    |           |
| <b>D. Anderson</b> .....             | Provisions.....                                   | 24 85     |           |
| <b>P. Plamondon</b> .....            | Fresh fish.....                                   | 177 79    |           |
| <b>D. Langlois</b> .....             | Milk.....   | 118 80    |           |
| <b>M. Dickey</b> .....               | do and fish.....                                  | 51 15     |           |
| <b>A. J. Turcotte</b> .....          | Groceries.....                                    | 880 22    |           |
| <b>L. Arel</b> .....                 | Meats.....  | 1,075 60  |           |
| <b>G. Tanguay</b> .....              | Flour, salt fish.....                             | 51 30     |           |
| <b>Andrews &amp; Son</b> .....       | Fish.....   | 2 25      |           |
| <b>F. Lafamme</b> .....              | Bread.....  | 285 60    |           |
| <b>F. Bergin</b> .....               | Milk and cream.....                               | 21 00     |           |
| <b>J. Levesque</b> .....             | Butter.....                                       | 9 40      |           |
| <b>J. B. Côté</b> .....              | Fresh pork and butter, ham, etc.....              | 285 10    |           |
| <b>J. Shea &amp; Bros</b> .....      | Pork, ham, lard, etc., etc.....                   | 327 87    |           |
| <b>F. X. Gagnon</b> .....            | Syrup.....  | 10 00     |           |
| <b>P. Paquet</b> .....               | Sugar.....  | 5 70      |           |
| <b>S. Carroll</b> .....              | Outfit.....                                       | 241 91    |           |
| <b>J. Mullins</b> .....              | Watching.....                                     | 31 00     |           |
| <b>J. Lachance</b> .....             | do.....   | 72 80     |           |
| <b>O. Wagner</b> .....               | Cutting ice.....                                  | 4 00      |           |
| <b>G. R. Renfrew &amp; Co.</b> ..... | Caps.....   | 20 50     |           |
| <b>S. Peters</b> .....               | Lumber.....                                       | 49-09     |           |
| <b>G. T. Phillips</b> .....          | Repairing engines.....                            | 726 20    |           |
| <b>O. Vézina</b> .....               | Iron work.....                                    | 497 36    |           |
| <b>H. Black</b> .....                | Hawse pipe.....                                   | 38 02     |           |
| <b>T. Routier</b> .....              | Carpenter's work.....                             | 249 17    |           |
| <b>T. Parent</b> .....               | Repairing barrels.....                            | 1 90      |           |
| <b>O. Simard</b> .....               | Tinsmith's repairs.....                           | 33 10     |           |
| <b>Bisset Bros</b> .....             | Repairs to engines.....                           | 500 04    |           |
| <b>J. F. Arel</b> .....              | Repairing chairs and cushions.....                | 22 50     |           |
| <b>J. Lachance</b> .....             | Labour at repairs.....                            | 40 00     |           |
| <b>W. Coaners</b> .....              | do.....   | 8 80      |           |
| <b>M. E. Fitzhenry</b> .....         | Mending flags.....                                | 12 90     |           |
| <b>George Lessard</b> .....          | Labour.....                                       | 23 20     |           |
| <b>P. Rouillard</b> .....            | Repairing mattress.....                           | 10 00     |           |
| <b>C. Grenier</b> .....              | Labour.....                                       | 5 00      |           |
| <b>J. F. O'Brien</b> .....           | Dying curtains.....                               | 23 95     |           |
| Carried forward .....                |   | 12,581 15 |           |

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

|                                    |   | \$     | cts.     | \$ | cts.      |
|------------------------------------|---|--------|----------|----|-----------|
|                                    | Brought forward .....                   | 12,581 | 15       |    |           |
| <i>Steamer "Druid."—Concluded.</i> |   |        |          |    |           |
| D. Landry.....                     | Labour .....                            |        | 20 00    |    |           |
| J. Couturier.....                  | do .....                                |        | 12 00    |    |           |
| J. Hamel et frères.....            | Bedding .....                           |        | 127 41   |    |           |
| Beaudet & Chinic.....              | Paint, iron, etc .....                  |        | 333 24   |    |           |
| E. Giroux et frère.....            | Medicines .....                         |        | 46 37    |    |           |
| R. Blakiston.....                  | Sails .....                             |        | 120 93   |    |           |
| J. Dunn.....                       | Tallow .....                            |        | 149 54   |    |           |
| Audet & Robitaille.....            | Rope, canvas, etc.....                  |        | 299 46   |    |           |
| O. Simard.....                     | Paint, kitchen utensils, etc.....       |        | 189 36   |    |           |
| Black & Co.....                    | do .....                                |        | 79 83    |    |           |
| Imperial Oil Co.....               | Petroleum .....                         |        | 11 25    |    |           |
| Auger & Martineau.....             | Screws and bolts.....                   |        | 70 54    |    |           |
| P. P. Pouliot.....                 | Boat .....                              |        | 95 00    |    |           |
| Dawson & Co.....                   | Books.....                              |        | 3 80     |    |           |
| C. Vézina.....                     | Rope .....                              |        | 41 95    |    |           |
| A. McCallum.....                   | Compass .....                           |        | 21 00    |    |           |
| S. J. Shaw & Co.....               | Packing, paint, etc.....                |        | 185 62   |    |           |
| C. Peverley.....                   | Oil stove .....                         |        | 6 00     |    |           |
| G. Jones.....                      | Coffee pots.....                        |        | 6 50     |    |           |
| Webster & Co.....                  | Cement.....                             |        | 6 25     |    |           |
| George Bacon.....                  | Telescope.....                          |        | 20 00    |    |           |
| Dinning & Co.....                  | Brass cock.....                         |        | 20 00    |    |           |
| Renaud & Co.....                   | Crockery.....                           |        | 20 12    |    |           |
| J. M. Tardif.....                  | Oak .....                               |        | 4 20     |    |           |
| J. Marmen.....                     | cord wood.....                          |        | 1 40     |    |           |
| O. L. Richardson & Sons.....       | Leather .....                           |        | 5 60     |    |           |
| P. Rouillard.....                  | Washing.....                            |        | 150 00   |    |           |
| Queen's Wharf.....                 | Wharfage.....                           |        | 300 00   |    |           |
| J. Marmen.....                     | Cartage .....                           |        | 62 60    |    |           |
| J. Baile.....                      | Moorage .....                           |        | 6 00     |    |           |
| Mrs. Lachance.....                 | Washing .....                           |        | 2 49     |    |           |
| M. E. Fitzhenry.....               | do .....                                |        | 11 70    |    |           |
| L. B. Demers.....                  | Paid for pilotage.....                  |        | 10 00    |    |           |
| J. E. Lebourdais.....              | Reporting steamers.....                 |        | 6 50     |    |           |
| Dr. Marsden.....                   | Professional services.....              |        | 10 00    |    |           |
| A. Brisson.....                    | Washing .....                           |        | 15 00    |    |           |
| M. Dickey.....                     | Labour cleaning up.....                 |        | 13 00    |    |           |
| T. Berrigan.....                   | Clearing snow.....                      |        | 40 00    |    |           |
| M. E. Fitzhenry.....               | Hemming towels and washing.....         |        | 8 95     |    |           |
| G. Dufresne.....                   | Pilotage .....                          |        | 65 00    |    |           |
| W. Power.....                      | Labour .....                            |        | 26 20    |    |           |
| J. Eden.....                       | Rent of coal yard.....                  |        | 100 00   |    |           |
| Geo. Heighton.....                 | Freight on 92 tons coal, at \$1.50..... |        | 138 00   |    |           |
| A. Boulet.....                     | do 77 do 1.90.....                      |        | 146 30   |    |           |
| Noonan & Davies.....               | 246 tons coal, at \$2.50.....           |        | 615 00   |    |           |
| do .....                           | Commission .....                        |        | 15 37    |    |           |
| A. Boulet.....                     | Freight on 77 tons coal, at \$2.00..... |        | 154 00   |    |           |
| G. M. Webster & Co.....            | 35 tons coal, at \$6.00.....            |        | 210 00   |    |           |
| J. Baile.....                      | 4 chaldrons coal, at \$7.75 .....       |        | 31 00    |    |           |
| P. Rouillard.....                  | Coaling .....                           |        | 10 00    |    |           |
| P. Nolet.....                      | do .....                                |        | 3 40     |    |           |
| J. Fortin.....                     | do .....                                |        | 5 77     |    |           |
|                                    |   |        |          |    | 16,624 71 |
| <i>Steamer "La Canadienne."</i>    |   |        |          |    |           |
| W. Wakeham.....                    | Pay-list, wages of crew.....            |        | 7,424 51 |    |           |
| G. Tanguay.....                    | Flour, fish, etc.....                   |        | 89 21    |    |           |
| F. Bergin.....                     | Milk .....                              |        | 3 85     |    |           |
| A. J. Turcotte.....                | Groceries .....                         |        | 1,495 44 |    |           |
| Noonan & Davies.....               | Provisions.....                         |        | 129 98   |    |           |
| F. Laflamme.....                   | Bread.....                              |        | 153 60   |    |           |
| J. Davies.....                     | Provisions.....                         |        | 566 89   |    |           |
|                                    | Carried forward .....                   |        | 9,863 48 |    |           |

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

|                            |                                       | \$     | cts. | \$ | cts. |
|----------------------------|---------------------------------------|--------|------|----|------|
|                            | Brought forward .....                 | 9,863  | 48   |    |      |
|                            | * Steamer "La Canadienne."—Continued. |        |      |    |      |
| W. Wakeham.....            | Paid for provisions.....              | 206    | 36   |    |      |
| P. Plamondon et frère....  | Fresh fish.....                       | 111    | 52   |    |      |
| L. Arel.....               | do meat.....                          | 199    | 20   |    |      |
| L. Marbis.....             | Vegetables.....                       | 268    | 55   |    |      |
| J. Shea & Bros.....        | Pork, mutton and lard.....            | 451    | 43   |    |      |
| D. Langlois.....           | Milk.....                             | 41     | 16   |    |      |
| J. B. Côté.....            | Pork.....                             | 259    | 90   |    |      |
| F. X. Gagnon.....          | Syrup.....                            | 10     | 00   |    |      |
| W. Wakeham.....            | Board.....                            | 60     | 00   |    |      |
| L. Bolduc.....             | do.....                               | 8      | 00   |    |      |
| J. Smith.....              | Beef.....                             | 283    | 31   |    |      |
| E. Many.....               | Board.....                            | 16     | 00   |    |      |
| P. Rouillard.....          | Washing.....                          | 45     | 00   |    |      |
| J. Marmen.....             | Cartage.....                          | 60     | 50   |    |      |
| T. Berrigan.....           | Cleaning snow.....                    | 40     | 00   |    |      |
| North Shore Railway Co.    | Moorage.....                          | 6      | 00   |    |      |
| W. Wakeham.....            | Petty expenses, and provisions.....   | 493    | 10   |    |      |
| Corporation of Pilots..... | Pilotage.....                         | 74     | 64   |    |      |
| J. Bourbeau.....           | Ferriage of crew.....                 | 4      | 00   |    |      |
| J. Brisson.....            | Washing.....                          | 14     | 25   |    |      |
| J. Descroiselle.....       | Watching.....                         | 117    | 60   |    |      |
| G. Lessard.....            | Labour at snow.....                   | 36     | 80   |    |      |
| E. Many.....               | Outfit to engines.....                | 208    | 25   |    |      |
| F. Lanaham.....            | do.....                               | 28     | 75   |    |      |
| D. Lecours.....            | do.....                               | 16     | 00   |    |      |
| M. Coulombe.....           | Ferriage.....                         | 2      | 35   |    |      |
| G. R. Renfrew & Co.....    | Caps.....                             | 35     | 00   |    |      |
| P. Rouillard.....          | Mending uniforms.....                 | 13     | 00   |    |      |
| T. Matte.....              | Oil clothing.....                     | 70     | 00   |    |      |
| E. Chanteloup.....         | Buttons.....                          | 9      | 00   |    |      |
| J. Eden.....               | Rent of coal yard.....                | 200    | 00   |    |      |
| Queen's Wharf.....         | Moorage.....                          | 300    | 00   |    |      |
| J. Hamel et frères.....    | Blankets, carpets, bedding.....       | 220    | 55   |    |      |
| Beaudet & Chinic.....      | Paint, oils, iron, etc.....           | 558    | 69   |    |      |
| Carrier, Laine & Co.....   | Screw.....                            | 223    | 57   |    |      |
| E. Giroux et frères.....   | Medicines.....                        | 52     | 35   |    |      |
| B. Blakiston.....          | Sails.....                            | 241    | 23   |    |      |
| Audet & Robitaille.....    | Rope, canvas, etc.....                | 460    | 13   |    |      |
| G. Lamontagne.....         | Clocks.....                           | 7      | 50   |    |      |
| Black & Co.....            | Paint.....                            | 79     | 83   |    |      |
| J. Dunn.....               | Soap.....                             | 56     | 10   |    |      |
| Imperial Oil Co.....       | Petroleum.....                        | 11     | 00   |    |      |
| Anger & Martineau.....     | Screws, nails, etc.....               | 67     | 57   |    |      |
| O. Simard.....             | Paint, kitchen utensils, etc.....     | 171    | 19   |    |      |
| J. Sullivan.....           | Anchor light.....                     | 16     | 00   |    |      |
| Dawson & Co.....           | Log book, etc.....                    | 4      | 85   |    |      |
| Whitehead & Turner.....    | Tube brushes.....                     | 5      | 00   |    |      |
| F. Derouin.....            | Blocks.....                           | 4      | 00   |    |      |
| T. Parent.....             | Boilers.....                          | 3      | 20   |    |      |
| O. L. Richardson.....      | Leather.....                          | 4      | 80   |    |      |
| Doyle & Demers.....        | Knives, forks, spoons, etc.....       | 46     | 00   |    |      |
| N. Turcott.....            | Rockets.....                          | 19     | 00   |    |      |
| Renaud & Co.....           | Crockery.....                         | 43     | 00   |    |      |
| S. Bédard.....             | Galvanized buckets.....               | 8      | 30   |    |      |
| G. Jones.....              | Coffee pots.....                      | 6      | 50   |    |      |
| G. Glassford.....          | Fire extinguishers.....               | 81     | 80   |    |      |
| T. Norris.....             | Lamp.....                             | 3      | 05   |    |      |
| G. M. Webster & Co.....    | Cement.....                           | 6      | 00   |    |      |
| F. Gunn.....               | Rope, canvas, etc.....                | 342    | 52   |    |      |
| P. P. Pouliot.....         | Oars.....                             | 33     | 00   |    |      |
| S. J. Shaw & Co.....       | Steam gauges, valves, etc.....        | 137    | 45   |    |      |
| J. A. Pelletier.....       | Lime.....                             | 1      | 50   |    |      |
| D. Landry.....             | Labour.....                           | 3      | 00   |    |      |
|                            | Carried forward .....                 | 16,476 | 83   |    |      |

STATEMENT of Expenditure on account of Dominion Steamers, etc. *Con.*

|                              |   | \$ cts.   | \$ cts.   |
|------------------------------|---|-----------|-----------|
|                              | Brought forward .....                                   | 16,470 83 |           |
|                              | <i>Steamer "La Canadienne,"—Concluded.</i>              |           |           |
| S. Cheverie.....             | Freight on 49½ tons coal, at \$2.00.....                | 99 00     |           |
| A. Boulet.....               | do 77 do 2.00.....                                      | 154 00    |           |
| J. Poirier.....              | do 82½ do 1.50.....                                     | 123 75    |           |
| Boisland & Co.....           | 1 chaldron coal.....                                    | 6 00      |           |
| J. Baile.....                | 6 do at \$7.50.....                                     | \$45 00   |           |
| do.....                      | Cartage.....  | 1 50      |           |
| J. Chabot.....               | 1 chaldron coal.....                                    | 46 50     |           |
| Noonan & Davies.....         | 126½ tons coal, at \$2.50.....                          | 7 00      |           |
| do.....                      | Commission.....   | 907 50    |           |
| S. Peters.....               | Lumber.....   | 30 35     |           |
| O. Vézina.....               | Iron work.....  | 52 56     |           |
| T. Routier.....              | Carpenter's repairs.....                                | 244 20    |           |
| B. Leonard.....              | Painting.....   | 408 29    |           |
| H. Black.....                | Castings.....   | 47 20     |           |
| Noonan & Davies.....         | Repairs.....  | 24 34     |           |
| O. Simard.....               | Repairing side lights.....                              | 148 94    |           |
| A. McCallum.....             | do chronometer.....                                     | 14 30     |           |
| Denning & Co.....            | Punching.....   | 12 50     |           |
| P. Whitty.....               | do.....   | 4 40      |           |
| W. M. McDonald.....          | Painting.....   | 14 50     |           |
| M. E. Fitzhenry.....         | Mending flags.....                                      | 169 98    |           |
| M. Dechene.....              | Repairs.....  | 9 00      |           |
| G. T. Davie.....             | Docking, etc.....                                       | 19 50     |           |
| G. T. Phillips.....          | Repairs to engines.....                                 | 141 40    |           |
| Bisset Bros.....             | do machinery.....                                       | 569 62    |           |
| P. Fradette & Co.....        | do "Alliance".....                                      | 109 87    |           |
|                              |   | 100 00    |           |
|                              |   |           | 19,935 53 |
|                              | <i>Steamer "Newfield."</i>                              |           |           |
| Lordly & Stimpson.....       | Provisions.....   | 3,305 67  |           |
| John P. Mott & Co.....       | Tallow, soap, lime.....                                 | 52 63     |           |
| A. & W. Mackinlay.....       | Stationery.....   | 27 30     |           |
| Maria O'Brien.....           | Washing.....  | 58 10     |           |
| C. E. Creighton & Co.....    | 307½ gallons oil, at 25 cts. per gal., truckages, 96... | 77 84     |           |
| Archibald & Co.....          | 78 tons coal, at \$1.75.....                            | 136 50    |           |
| do.....                      | Trimming 78 tons coal.....                              | 11 70     |           |
| John Flemming & Co.....      | Oars.....   | 9 00      |           |
| Burns & Murray.....          | Table linen, bedding, etc.....                          | 105 05    |           |
| Joseph Davis.....            | Repairing locks.....                                    | 2 50      |           |
| John Parker.....             | Beef, mutton, etc.....                                  | 537 46    |           |
| D. M. Arthur.....            | Water.....  | 30 00     |           |
| W. A. Cook.....              | Pilotage.....   | 58 00     |           |
| Acadia Coal Co.....          | 454 tons coal, at \$3.40.....                           | 1,089 60  |           |
| do.....                      | 229 do 3.30.....  | 755 70    |           |
| do.....                      | 103 do 3.10.....  | 319 30    |           |
| Michael Walsh.....           | Carpenter's work, repairs.....                          | 245 26    |           |
| W. Stairs, Son & Morrow..... | Shipchandlery.....                                      | 227 76    |           |
| Fred. Meyers.....            | Provisions.....   | 576 89    |           |
| R. Beazley & Co.....         | Fresh fish.....   | 71 81     |           |
| John Black & Co.....         | Disbursements in London.....                            | 2,269 87  |           |
| G. Meagher.....              | Provisions.....   | 247 63    |           |
| O. Fraser.....               | Trimming coal.....                                      | 22 94     |           |
| Alfred Vail.....             | Provisions.....   | 111 16    |           |
| John McLuckie.....           | Labour coaling.....                                     | 34 53     |           |
| Austin Bros.....             | Valvaline.....  | 77 13     |           |
| G. E. Smith & Co.....        | Shipchandlery.....                                      | 577 36    |           |
| Theakston & Augwin.....      | do.....   | 704 69    |           |
| T. Mumford & Sons.....       | Grapnels.....   | 50 40     |           |
| W. Lewis & Son.....          | Anchor and chain.....                                   | 197 25    |           |
| W. S. Symonds & Co.....      | Repairs and supplies.....                               | 157 09    |           |
| E. Abbott.....               | Blocks and sheaves.....                                 | 12 50     |           |
|                              | Carried forward .....                                   | 12,160 62 |           |



STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

|                                       |  | \$      | cts. | \$     | cts. |
|---------------------------------------|--|---------|------|--------|------|
|                                       | Brought forward .....  | 12,160  | 62   |        |      |
| <i>Steamer "Newfield."—Concluded.</i> |  |         |      |        |      |
| R. A. Guildford.....                  | Disbursements.....   | 295     | 39   |        |      |
| Thomas Ead.....                       | Wheeling, shovelling, and trimming coal.....                   | 261     | 56   |        |      |
| Silas Townsend.....                   | Chains and anchors.....  | 362     | 02   |        |      |
| W. C. Godsoe & Co.....                | Provisions.....  | 89      | 91   |        |      |
| Macdonald & Co.....                   | Repairing machinery, machinist's supplies, etc.....            | 1,213   | 43   |        |      |
| Tully & Barrington.....               | Provisions.....  | 166     | 96   |        |      |
| Simon Peters.....                     | Deck plank.....  | 118     | 29   |        |      |
| John White.....                       | Tinsmith's supplies, repair'g stoves, stove pipes, etc.        | 89      | 95   |        |      |
| J. P. Butler.....                     | Spars and oars.....  | 81      | 19   |        |      |
| James Matheson.....                   | Crockeryware.....  | 32      | 02   |        |      |
| do.....                               | Divers examining bottom.....                                   | 50      | 00   |        |      |
| J. Hogan & Sons.....                  | Timber and lumber.....   | 74      | 24   |        |      |
| Noonan & Davies.....                  | Freight and lumber on deck plank.....                          | 22      | 00   |        |      |
| F. Forhan & Co.....                   | Repairing sails.....   | 180     | 49   |        |      |
| Maurice Downey.....                   | Painting.....  | 33      | 65   |        |      |
| Charles Neal.....                     | Wharfage chains.....   | 2       | 56   |        |      |
| J. Overy.....                         | Cartage on chain cables.....                                   | 20      | 00   |        |      |
| W. & J. Glendinning.....              | Ice.....   | 26      | 00   |        |      |
| Moir, Son & Co.....                   | Bread.....   | 119     | 63   |        |      |
| John Findlay.....                     | Building, and repairing boats.....                             | 119     | 00   |        |      |
| R. H. Cogswell.....                   | lock, repairing instruments, rating chromometer.               | 19      | 75   |        |      |
| Mary Andrews.....                     | Cleaning mess room.....  | 4       | 00   |        |      |
| J. G. Mackie.....                     | Condensed milk.....  | 18      | 00   |        |      |
| John Patterson.....                   | Repairing boiler.....  | 81      | 36   |        |      |
| William Whiston.....                  | Provisions.....  | 376     | 90   |        |      |
| James Gray.....                       | Burial expenses, J. Bowes.....                                 | 50      | 00   |        |      |
| Dr. J. Somers.....                    | Medical attendance on crew.....                                | 101     | 00   |        |      |
| John Cawsey.....                      | Building galley floor.....                                     | 30      | 82   |        |      |
| J. R. Gordon.....                     | Medicines.....   | 12      | 55   |        |      |
| Meagher & Doherty.....                | Provisions.....  | 87      | 89   |        |      |
| Creighton & Marshall.....             | Chart.....   | 1       | 40   |        |      |
| Gordon & Keeth.....                   | Floor cloth.....   | 10      | 63   |        |      |
| S. Cunard & Co.....                   | Freight on winch.....  | 28      | 07   |        |      |
| Chebucto Marine R. R. Co.             | Slip hire.....   | 325     | 15   |        |      |
| R. A. Guildford.....                  | 12 months salary as Captain.....                               | 1,400   | 00   |        |      |
| H. W. Johnston.....                   | do wages of officers and crew.....                             | 7,660   | 17   |        |      |
|                                       |  |         |      | 25,726 | 60   |
| <i>Steamer "Northern Light."</i>      |  |         |      |        |      |
| Captain Finlayson.....                | 12 months salary as captain.....                               | 960     | 00   |        |      |
| do.....                               | do pay list of crew.....                                       | 5,947   | 90   |        |      |
| Noonan & Davis.....                   | Repairs to boiler, etc.....                                    | 1,591   | 34   |        |      |
| The Acadia Coal Co.....               | 470 <sup>2238</sup> / <sub>2246</sub> tons coal at \$2.50..... | \$1,176 | 88   |        |      |
| do.....                               | 481 <sup>2250</sup> / <sub>2246</sub> do 2.60.....             | 1,251   | 25   |        |      |
|                                       |  | 2,428   | 13   |        |      |
|                                       | Less discount, etc.....  | 42      | 28   |        |      |
|                                       |  | 2,385   | 85   |        |      |
| James Burke.....                      | Provisions and groceries at Georgetown.....                    | 2,456   | 68   |        |      |
| S. W. Crabb.....                      | Oils, waste, files, rubber packing, etc.....                   | 1,161   | 03   |        |      |
| Blake Bros.....                       | Meat, etc.....   | 940     | 38   |        |      |
| A. P. Hobbs.....                      | do and milk.....   | 734     | 79   |        |      |
| Peake Bros. & Co.....                 | Materials, labour, etc., at repairs.....                       | 544     | 06   |        |      |
| do.....                               | Green heart plank.....   | 79      | 58   |        |      |
| Jas. Burke.....                       | Freight and expense storing 297 tons coal.....                 | 319     | 45   |        |      |
| McKinnon & McLean.....                | Materials and labour at boilers, etc.....                      | 331     | 34   |        |      |
| Artemas Lord.....                     | To pay part crew discharged Feb., 1883.....                    | 224     | 00   |        |      |
| J. D. McLeod & Co.....                | Provisions and groceries at Charlottetown.....                 | 189     | 14   |        |      |
| Wise Bros.....                        | Caulking.....  | 161     | 25   |        |      |
| James Purcell.....                    | Caulking.....  | 30      | 75   |        |      |
| R. R. Jenkins.....                    | Bread.....   | 105     | 37   |        |      |
| J. G. Hamilton.....                   | do groceries, etc., at Pictou.....                             | 103     | 42   |        |      |
| John Newson.....                      | Upholstering cabins, mattresses, etc.....                      | 100     | 40   |        |      |
|                                       | Carried forward .....  | 18,369  | 73   |        |      |

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

|   |  | \$ cts.   | \$ cts.   |
|---|--|-----------|-----------|
|   | Brought forward .....                              | 18,369 73 |           |
| <i>Steamer "Northern Light."—Concluded.</i> |  |           |           |
| John Gaffney.....                           | Contract painting, \$100; glazing, \$6.....        | 106 00    |           |
| John Quirk.....                             | Biscuits, etc.....                                 | 88 82     |           |
| Mrs. J. McMillan.....                       | Boarding Chief Engineer, 21 weeks, at \$4 .....    | 84 00     |           |
| W. A. Wood & Co.....                        | Mineral seal oil, burners, wicks and chimneys..... | 100 84    |           |
| Harris Allen.....                           | Zinc plates for boilers.....                       | 57 25     |           |
| A. Lord.....                                | To pay labour.....                                 | 4 00      |           |
| W. Cary.....                                | Milk.....  | 7 92      |           |
| S. Bolger.....                              | Boarding seaman .....                              | 1 10      |           |
| B. Duceite.....                             | Ladders.....                                       | 4 00      |           |
| W. & A. Brown & Co....                      | Oilcloth, carpets, blankets, quilts, etc.....      | 86 10     |           |
| Brennan Bros.....                           | Stationery for Purser.....                         | 9 32      |           |
| Angus McKinnon.....                         | Celery.....  | 4 20      |           |
| "Examiner" Pub. Co....                      | Advertising, printing manifests, etc.....          | 56 00     |           |
| The Apothecaries Hall..                     | Filling medicine chest.....                        | 12 50     |           |
| William Allen.....                          | Attending lines.....                               | 16 00     |           |
| G. W. Taylor.....                           | 2 clocks.....                                      | 13 50     |           |
| A. Hermons & Son.....                       | Repairing locks and keys.....                      | 5 45      |           |
| J. J. Davis.....                            | Boarding Capt. Finlayson.....                      | 25 00     |           |
| A. A. McDonald & Co....                     | Goods short delivered in Jan., 1882.....           | 6 21      |           |
| Mrs. Ellen Morgan.....                      | Washing clothes.....                               | 18 87     |           |
| Stephen Carroll.....                        | Boarding crew.....                                 | 10 50     |           |
| Meagher & Doherty.....                      | Meat and vegetables at Pictou.....                 | 50 99     |           |
| Charles Owen.....                           | 1 years rent coal shed to 20th Sept., 1883.....    | 75 00     |           |
| Mrs. McGilvray.....                         | Washing clothes.....                               | 4 44      |           |
| J. H. Myrick.....                           | Hire of ice plough.....                            | 7 50      |           |
| H. W. Mutch.....                            | On account of wages.....                           | 10 00     |           |
| Theakston & Angwin....                      | Flags.....   | 20 60     |           |
| A. Lord.....                                | Expenses crew taking steamer to Pictou.....        | 39 25     |           |
| do.....                                     | To pay Collings & Purcell labour.....              | 19 50     |           |
| Peter McCary.....                           | Labour as fireman .....                            | 17 50     |           |
| Steam Navigation Co....                     | Passages and meals for crew, etc.....              | 27 00     |           |
| Wm. Boats.....                              | Labour.....  | 2 00      |           |
| Capt. A. Finlayson.....                     | Expenses crew taking ship from Pictou.....         | 43 00     |           |
| P. E. I. Railway.....                       | Lumber, freight, lanterns.....                     | 37 24     |           |
| Bank Nova Scotia.....                       | Draft for repairs to compass.....                  | 13 70     |           |
| Peter McCrudden.....                        | Milk, vegetables, washing, etc.....                | 7 78      |           |
| James Puncheon.....                         | Repairing furnace bridges.....                     | 3 75      |           |
| T. R. Burke.....                            | Horse hire for cook.....                           | 2 00      |           |
| R. Walsh.....                               | Advertising.....                                   | 3 00      |           |
| W. G. Dawson & Co....                       | Cash box, chloride lime, etc.....                  | 4 31      |           |
| D. Leard.....                               | Advertising.....                                   | 3 25      |           |
| C. Connolly.....                            | Soap.....  | 5 04      |           |
| G. H. Foster.....                           | Iron work repairs.....                             | 24 14     |           |
| Miss M. Schurman.....                       | 12 days wages as Stewardess.....                   | 4 02      |           |
| Carroll Bros.....                           | Freight and expenses on kerosene oil.....          | 9 04      |           |
| John Lowrie.....                            | Water.....   | 11 52     |           |
| Henry Law.....                              | Butter.....  | 7 14      |           |
|   |  |           | 19,540 02 |
| <i>Steamer "Sir James Douglas."</i>         |  |           |           |
| John Devereux.....                          | 12 months salary as Captain .....                  | 1,400 00  |           |
| do.....                                     | do wages of officers and crew .....                | 5,401 00  |           |
| do.....                                     | Paid for provisions, labour at repairs, etc. ....  | 329 67    |           |
| G. F. Grant.....                            | Allowance for board.....                           | 157 00    |           |
| The "Daily Standard" ..                     | Advertising for tenders for provisions.....        | 12 55     |           |
| E. B. Marvin.....                           | Mainsail, jib, spikes, whitelead, etc.....         | 1,619 34  |           |
| Fell & Co.....                              | Groceries .....                                    | 1,266 46  |           |
| Goodacre & Dooley.....                      | Meat.....  | 1,214 42  |           |
| J. Chiners.....                             | 80 gallons oil, at 45c.....                        | 36 00     |           |
| C. E. Redfern.....                          | Repairing clocks, etc.....                         | 10 00     |           |
| Clark & Nicholson.....                      | Tinware .....                                      | 12 75     |           |
| T. Shotbolt.....                            | Concentrated lye.....                              | 6 67      |           |
|   | Carried forward .....                              | 11,465 86 |           |

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

|                          |   | \$ cts.   | \$ cts.   |
|--------------------------|---|-----------|-----------|
|                          | Brought forward .....   | 11,465 86 |           |
|                          | <i>Steamer "Sir James Douglas"—Concluded.</i>   |           |           |
| T. N. Hibben & Co.....   | Stationery .....  | 17 37     |           |
| Joseph Gosnell .....     | Milk .....  | 8 08      |           |
| C. C. Fox .....          | do .....  | 52 50     |           |
| R. Dunsmuir & Sons ..... | 396½ tons coal, at \$4.50.....  | 1,785 37  |           |
| A. McInnes .....         | Fitting copper on door sills, etc.....  | 32 00     |           |
| W. B. Townsend.....      | Meat .....  | 77 41     |           |
| James Aikenhead .....    | do .....  | 7 84      |           |
| John Weiler .....        | Linoleum, mattresses, etc.....  | 103 75    |           |
| James Harvey .....       | Tea .....   | 4 12      |           |
| Brown & White.....       | Blankets, sheets, etc. ....   | 33 25     |           |
| T. Russell .....         | Water .....   | 18 00     |           |
| A. Vipond.....           | Repairs to locks .....  | 4 00      |           |
| P. McQuade & Son.....    | Patent lubricator, etc.....   | 136 01    |           |
| Ohong Kee .....          | Washing .....   | 19 87     |           |
| Matthews, Richards & Tye | Coffee mill, files, bar iron, etc.....  | 22 55     |           |
| Edgar Marvin .....       | Locks, etc. ....  | 19 91     |           |
| Thos. Carrington .....   | Crockery.....   | 9 00      |           |
| S. L. Kelly & Co.....    | Stovepipes, etc.....  | 50 62     |           |
| J. J. Wilson .....       | Bread .....   | 72 00     |           |
| O. Warner.....           | Labour at repairs .....   | 15 00     |           |
| J. Dorman .....          | Hire of hawsing irons.....  | 8 00      |           |
| H. Farrall .....         | Spars for staging .....   | 17 50     |           |
| McKillican & Anderson..  | Fitting up saloon, cabins, etc.....   | 661 27    |           |
| Smith & Clark.....       | Material and labour on deck house.....  | 602 82    |           |
| Littice & Sears .....    | Painting and glazing.....   | 33 00     |           |
| O. Hayward .....         | Lumber .....  | 22 61     |           |
| Albion Iron Works Co..   | Repairing machinery .....   | 332 65    |           |
| H. Short .....           | Pistol and cartridges .....   | 27 50     |           |
| A. & W. Wilson .....     | Tinware and repairs .....   | 341 86    |           |
| W. P. Sayward .....      | Lumber, etc. ....   | 295 94    |           |
| J. Robertson.....        | Blacksmith work .....   | 84 55     |           |
| S. L. Kelly & Co. ....   | Blow-off pipe, etc.....   | 29 87     |           |
| Stewart & Braden.....    | Basins .....  | 20 00     |           |
|                          | LESS REFUND—Transfer of telegraph lines, board of<br>Chief Engineer and party, etc.....               |           | 16,432 08 |
|                          |   |           | 320 25    |
|                          |   |           | 16,111 83 |
|                          | <i>Steamer to replace "Glendon."</i>  |           |           |
| Rankin & Blackmore.....  | Amount of contract for boilers and engines, £4,500.   | 21,900 00 |           |
| do .....                 | For spare gear, one short propeller shaft, coupling,<br>bolts and nuts, £284.....                     | 1,382 13  |           |
| William Wallace.....     | For preparing specifications and superintending the<br>construction of engines and boilers, £105..... | 511 00    |           |
| John Black & Co.....     | Patent steam combination windlass, £359 2s. 1d ...  | 1,747 64  |           |
| J. O'Brien.....          | On account contract for building new steamer .....  | 29,000 00 |           |
| S. Cunard & Co.....      | Freight on windlass .....   | 39 12     |           |
| Charles Neal.....        | Labour on chains, anchors, etc.....   | 20 84     |           |
| D. M. Browne.....        | Travelling expenses.....  | 60 00     |           |
| J. U. Gregory .....      | Paid for winch .....  | 150 00    |           |
| David Morris .....       | Services in connection with wrecked steamer<br>"Princess Louise" .....                                | 106 00    |           |
| Lordly & Simpson .....   | Groceries .....   | 53 22     |           |
| John Parker.....         | Beef .....  | 11 24     |           |
| John Ross.....           | For salvage of goods ex .....   | 125 00    |           |
| W. E. Ellis.....         | For recovering bodies of seamen lost on do .....  | 20 00     |           |
| James A. Hughes.....     | Burial expenses .....   | 389 27    |           |
| E. B. Eldukia.....       | do .....  | 14 80     |           |
| Corbett & Johnson.....   | do .....  | 12 00     |           |
| G. H. Chapman.....       | do .....  | 24 00     |           |
| James Hillis.....        | Stove and fittings .....  | 12 15     |           |
|                          | Carried forward .....   | 55,570 41 |           |

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

|   |  | \$     | cts. | \$     | cts. |
|---|--|--------|------|--------|------|
| Brought forward .....                           |  | 55,570 | 41   |        |      |
| <i>Steamer to replace "Glendon."—Concluded.</i> |  |        |      |        |      |
| Richard Soy.....                                | Services in <i>re</i> wrecked steamer.....   | 25     | 00   |        |      |
| Joseph Geddes.....                              | Model of steamer.....                        | 50     | 00   |        |      |
| "Union Advocate".....                           | Advertising for tenders for new steamer..... | 6      | 00   |        |      |
| Digby Publishing Co.....                        | do do .....                                  | 5      | 20   |        |      |
| J. W. Watt.....                                 | do do .....                                  | 7      | 00   |        |      |
| L. J. Demers et frère.....                      | do do .....                                  | 34     | 00   |        |      |
| "The Shareholder".....                          | do do .....                                  | 8      | 50   |        |      |
| "Morning Chronicle".....                        | do do .....                                  | 35     | 04   |        |      |
| "Sun" Publishing Co.....                        | do do .....                                  | 18     | 90   |        |      |
| "Daily News".....                               | do do .....                                  | 12     | 75   |        |      |
| Moncton "Times".....                            | do do .....                                  | 8      | 97   |        |      |
| Thos. Forhan.....                               | Sails.....                                   | 271    | 80   |        |      |
| J. E. Butler.....                               | Spars and fittings.....                      | 76     | 84   |        |      |
| Wallace Graham.....                             | Services in <i>re</i> wrecked steamer.....   | 34     | 20   |        |      |
|   |  |        |      | 56,164 | 71   |

## RECAPITULATION.

|                              |          | \$     | cts.    | \$      | cts. |
|------------------------------|----------|--------|---------|---------|------|
| Steamer "Napoleon III."..... |          | 26,384 | 42      |         |      |
| do "Druid".....              |          | 16,634 | 71      |         |      |
| do "La Canadienne".....      |          | 19,935 | 53      |         |      |
| do "Newfield".....           |          | 25,726 | 60      |         |      |
| do "Northern Light".....     |          | 19,539 | 52      |         |      |
| do "Sir James Douglas".....  |          | 16,111 | 83      |         |      |
| do to replace "Glendon"..... |          | 56,164 | 71      |         |      |
| Refunds—                     |          |        | 180,497 | 32      |      |
| Sale of coal at Gaspé.....   | \$101 66 |        |         |         |      |
| do Cape Traverse.....        | 415 00   |        |         |         |      |
|                              |          |        |         | 516     | 66   |
| Total.....                   |          |        |         | 179,980 | 66   |

WM. SMITH,  
Deputy Minister of Marine.

F. GOURDEAU,  
Acting Accountant.

## APPENDIX No. 10

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure in connection with Examination of Masters and Mates, for the Fiscal Year ended 30th June, 1884.

|                                |   | \$      | cts. | \$    | cts. |
|--------------------------------|---|---------|------|-------|------|
| Capt. P. A. Scott. ....        | 11 months salary as Chairman of Board.              | \$1,796 | 63   |       |      |
| do .....                       | do superannuation tax.....                          | 30      | 00   |       |      |
|                                |   |         |      | 1,826 | 63   |
| John Taylor.....               | 8 months salary as Clerk, from 1st Nov., 1883 ..... | \$319   | 40   |       |      |
| do .....                       | do superannuation tax.....                          | 6       | 51   |       |      |
|                                |   |         |      | 325   | 91   |
| Capt. P. A. Scott .....        | Travelling expenses'.....                           | 741     | 36   |       |      |
| do .....                       | Paid water tax .....                                | 4       | 95   |       |      |
| R. Ray .....                   | Services as Clerk to 3rd May, 1884.....             | 33      | 33   |       |      |
| Yarmouth Building Co..         | 12 months rent of Board room .....                  | 40      | 00   |       |      |
| Wm. Thomas .....               | Examination fees .....                              | 120     | 00   |       |      |
| James Pritchard .....          | do .....  | 120     | 00   |       |      |
| G. A. Mackenzie.....           | do .....  | 64      | 00   |       |      |
| David Hunter .....             | do .....  | 72      | 00   |       |      |
| Thomas Killam .....            | do .....  | 106     | 00   |       |      |
| Henry Lewis .....              | do .....  | 84      | 00   |       |      |
| A. J. Wolf .....               | do .....  | 12      | 00   |       |      |
| J. E. Hunt .....               | do .....  | 12      | 00   |       |      |
| C. M. Lorway.....              | do .....  | 16      | 00   |       |      |
| S. J. Brookman .....           | do .....  | 16      | 00   |       |      |
| M. P. McElhinney.....          | Travelling expenses .....                           | 166     | 14   |       |      |
| Thomas Killam .....            | do .....  | 53      | 20   |       |      |
| W. S. Seaton .....             | do .....  | 75      | 50   |       |      |
| George Cox .....               | Engraving and lithographing certificates .....      | 748     | 23   |       |      |
| A. Christie & Co.....          | Putting on winter sashes.....                       | 18      | 10   |       |      |
| Creighton & Marshall..         | Stationery, chart, etc.....                         | 29      | 02   |       |      |
| A. & W. Mackinlay .....        | do .....  | 3       | 17   |       |      |
| George E. Morton .....         | Stamps, etc.....                                    | 36      | 25   |       |      |
| Alfred Mills .....             | Chart.....  | 6       | 00   |       |      |
| Hull "Despatch" .....          | Advertising notices re examinations.....            | 2       | 90   |       |      |
| E. Divine & Co.....            | do .....  | 2       | 90   |       |      |
| "Citizen Printing Co....       | do .....  | 2       | 10   |       |      |
| "Mail" do .....                | do .....  | 13      | 05   |       |      |
| "Daily Evening Post" ..        | do .....  | 64      | 80   |       |      |
| W. J. Cuzner .....             | do .....  | 3       | 10   |       |      |
| "Monde" .....                  | do .....  | 3       | 10   |       |      |
| W. T. Haldane & Co.....        | do .....  | 7       | 30   |       |      |
| Canadian Printing Co....       | do .....  | 2       | 32   |       |      |
| P. L. Tousignant.....          | do .....  | 2       | 10   |       |      |
| "Alpha" .....                  | do .....  | 2       | 10   |       |      |
| "Live Stock Journal" ..        | do .....  | 2       | 90   |       |      |
| R. Hering .....                | do .....  | 2       | 32   |       |      |
| "National Newspaper" ..        | do .....  | 5       | 80   |       |      |
| E. Bryson .....                | do .....  | 4       | 16   |       |      |
| Morrisburg "Courier" ..        | do .....  | 3       | 99   |       |      |
| "The Watchman" .....           | do .....  | 3       | 10   |       |      |
| "The Observer" .....           | do .....  | 2       | 48   |       |      |
| "Messenger de Nicolet" ..      | do .....  | 3       | 10   |       |      |
| Sherbrooke "Gazette" ..        | do .....  | 2       | 50   |       |      |
| "Standard Journal" .....       | do .....  | 3       | 10   |       |      |
| "Journal de Commerce" ..       | do .....  | 3       | 10   |       |      |
| "Journal de Trois Rivières" .. | do .....  | 3       | 10   |       |      |
|                                | Carried forward.....                                | 4,875   | 21   |       |      |

STATEMENT of Expenditure in connection with Examination of Masters and Mates, etc — *Continued.*

|   |   |  | \$ cts. | \$ cts. |
|---|---|--|---------|---------|
|   | Brought forward.....                            |  | 4,875   | 21      |
| "The Pilot" .....                       | Advertising notices <i>re</i> examinations..... |  | 3       | 10      |
| "Advocate" Publishing Co. ....          | do do .....                                     |  | 2       | 50      |
| "L'Etendard" .....                      | do do .....                                     |  | 5       | 50      |
| Bradford "Witness" ....                 | do do .....                                     |  | 2       | 90      |
| "Gazette" Printing Co. ....             | do do .....                                     |  | 9       | 15      |
| "Post" Printing and Publishing Co. .... | do do .....                                     |  | 5       | 50      |
| "Nouvelliste" .....                     | do do .....                                     |  | 3       | 10      |
| "The Budget" .....                      | do do .....                                     |  | 5       | 50      |
| "Daily Telegraph" .....                 | do do .....                                     |  | 3       | 10      |
| L. J. Demers & Frère.....               | do do .....                                     |  | 5       | 50      |
| "Cie Typ. des Cantons de l'Est" .....   | do do .....                                     |  | 3       | 10      |
| "Journal de Waterloo" ..                | do do .....                                     |  | 3       | 10      |
| "The Star" .....                        | do do .....                                     |  | 5       | 50      |
| Cie l'Imprimerie de Joliette.....       | do do .....                                     |  | 2       | 10      |
| "Farmer's Advocate" ...                 | do do .....                                     |  | 2       | 17      |
| "Quotidien" .....                       | do do .....                                     |  | 2       | 10      |
| Canadian Publishing Co. ....            | do do .....                                     |  | 2       | 90      |
| Courier Printing House... ..            | do do .....                                     |  | 2       | 90      |
| Orms town "Courier" ...                 | do do .....                                     |  | 1       | 55      |
| "Sorelois" .....                        | do do .....                                     |  | 5       | 50      |
| Sorel "News" .....                      | do do .....                                     |  | 5       | 50      |
| Essex "Review" .....                    | do do .....                                     |  | 10      | 86      |
| Cowansville "Observer" ..               | do do .....                                     |  | 2       | 48      |
| Chatham "Planet" .....                  | do do .....                                     |  | 2       | 90      |
| "Le Progrès de l'Est" ..                | do do .....                                     |  | 3       | 10      |
| "Irish Canadian" .....                  | do do .....                                     |  | 2       | 90      |
| "Evening Canadian" .....                | do do .....                                     |  | 2       | 90      |
| "Enterprise Messenger" ..               | do do .....                                     |  | 2       | 90      |
| Berlin "News" .....                     | do do .....                                     |  | 2       | 90      |
| Cornwall "Reporter" .....               | do do .....                                     |  | 2       | 10      |
| Arnprior "Chronicle" ...                | do do .....                                     |  | 1       | 68      |
| "Intelligencer" .....                   | do do .....                                     |  | 2       | 90      |
| "Telegram" .....                        | do do .....                                     |  | 2       | 32      |
| Goderich "Star" .....                   | do do .....                                     |  | 5       | 70      |
| "Courner du Canada" ...                 | do do .....                                     |  | 3       | 10      |
| Gananoque "Journal" ..                  | do do .....                                     |  | 2       | 32      |
| Parkdale "News" .....                   | do do .....                                     |  | 2       | 90      |
| Prescott "Messenger" ...                | do do .....                                     |  | 4       | 83      |
| "The Visitor" .....                     | do do .....                                     |  | 2       | 90      |
| E. F. Clarke.....                       | do do .....                                     |  | 2       | 90      |
| J. R. Robertson.....                    | do do .....                                     |  | 2       | 90      |
| "Imprimerie du Nord" ..                 | do do .....                                     |  | 3       | 10      |
| Standard Publishing Co. ....            | do do .....                                     |  | 5       | 80      |
| "Constitutional" .....                  | do do .....                                     |  | 5       | 55      |
| "Petit Journal" .....                   | do do .....                                     |  | 5       | 50      |
| Hamilton "Times" .....                  | do do .....                                     |  | 3       | 77      |
| L'Original "Advertiser" ..              | do do .....                                     |  | 1       | 68      |
| London "Herald" .....                   | do do .....                                     |  | 2       | 90      |
| Pictou "Gazette" .....                  | do do .....                                     |  | 2       | 32      |
| London "Free Press" .....               | do do .....                                     |  | 2       | 90      |
| J. White & Son .....                    | do do .....                                     |  | 2       | 90      |
| Woodstock "Times" ...                   | do do .....                                     |  | 2       | 32      |
| Owen Sound "Times" ...                  | do do .....                                     |  | 2       | 31      |
| G. Keyes.....                           | do do .....                                     |  | 1       | 60      |
| "Monetary Times" .....                  | do do .....                                     |  | 2       | 70      |
| J. B. Traves .....                      | do do .....                                     |  | 2       | 90      |
| "Moniteur du Commerce"                  | do do .....                                     |  | 5       | 50      |
| St. Johns "News" .....                  | do do .....                                     |  | 3       | 10      |
| Oobourg "Sentinel" .....                | do do .....                                     |  | 2       | 00      |
| J. G. Gingras & Co .....                | do do .....                                     |  | 2       | 40      |
| Mercier et Cie.....                     | do do .....                                     |  | 2       | 40      |
|   | Carried forward .....                           |  | 5,088   | 62      |

**STATEMENT of Expenditure in connection with Examination of Masters and Mates, etc.—Continued.**

|                                 |  | \$    | cts. | \$    | cts. |
|---------------------------------|--|-------|------|-------|------|
|                                 | Brought forward.....                     | 5,088 | 62   |       |      |
| "Express" newspaper...          | Advertising notices re examinations..... |       | 1    |       |      |
| "Courier de St. Hyacinthe"..... | do do .....                              | 3     | 10   |       |      |
| Peterborough "Review".....      | do do .....                              | 1     | 50   |       |      |
| "The Shareholder".....          | do do .....                              | 5     | 50   |       |      |
| "Journal of Commerce".....      | do do .....                              | 2     | 40   |       |      |
| "Le Canadien".....              | do do .....                              | 5     | 50   |       |      |
| "Le Cultivateur".....           | do do .....                              | 5     | 50   |       |      |
| "Le Protectioniste".....        | do do .....                              | 3     | 10   |       |      |
| "Daily Telegraph".....          | do do .....                              | 2     | 40   |       |      |
| "La Minerve".....               | do do .....                              | 5     | 50   |       |      |
| Journal Printing Co.....        | do do .....                              | 2     | 90   |       |      |
| A. Coté & Co.....               | do do .....                              | 5     | 50   |       |      |
| "British Columbian".....        | do do .....                              | 25    | 32   |       |      |
| "Morning Chronicle".....        | do do .....                              | 7     | 05   |       |      |
| North Sydney "Herald".....      | do do .....                              | 1     | 50   |       |      |
| Geo. Watson.....                | Almanac.....                             |       | 2    |       |      |
|                                 |  | 5,169 | 02   |       |      |
| Queen's Printer.....            | Stationery, printing, etc.....           |       |      | 411   | 70   |
|                                 |  |       |      | 5,580 | 72   |

WM. SMITH,  
*Deputy Minister of Marine.*

F. GOURDEAU,  
*Acting Accountant.*

APPENDIX No. II

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Steamboat Inspection, for the Fiscal Year ended 30th June, 1884.

|                       |   | \$      | cts. | \$     | cts. |
|-----------------------|---|---------|------|--------|------|
| Samuel Risley .....   | 12 months salary as Chairman of Board..   | \$1,764 | 00   |        |      |
| do .....              | do superannuation tax.....  |         | 36   |        |      |
|                       |   |         |      | 1,800  | 00   |
| W. M. Smith.. .....   | do salary as Deputy Chairman of Board and Inspector of New Brunswick and Nova Scotia. | \$1,372 | 00   |        |      |
| do .....              | do superannuation tax.....  |         | 28   |        |      |
|                       |   |         |      | 1,400  | 00   |
| W. J. Meneilley. .... | do salary as Inspector, Toronto..   | \$1,176 | 00   |        |      |
| do .....              | do superannuation tax.....  |         | 24   |        |      |
|                       |   |         |      | 1,200  | 00   |
| John Burgess .....    | do salary as Inspector, Montreal.   | \$1,176 | 00   |        |      |
| do .....              | do superannuation tax.....  |         | 24   |        |      |
|                       |   |         |      | 1,200  | 00   |
| Joseph Samson.....    | do salary as Inspector, Quebec...   | \$ 980  | 00   |        |      |
| do .....              | do superannuation tax .....   |         | 20   |        |      |
|                       |   |         |      | 1,000  | 00   |
| Thos. Harbottle ....  | do salary as Inspector .....  | \$ 980  | 00   |        |      |
| do .....              | do superannuation tax.....  |         | 20   |        |      |
|                       |   |         |      | 1,000  | 00   |
| P. D. Brunelle .....  | do salary as Inspector.....   | \$ 980  | 00   |        |      |
| do .....              | do superannuation tax .....   |         | 20   |        |      |
|                       |   |         |      | 1,000  | 00   |
| C. R. Coker .....     | do salary as Inspector.....   | \$ 980  | 00   |        |      |
| do .....              | do superannuation tax.....  |         | 20   |        |      |
|                       |   |         |      | 1,000  | 00   |
| E. Adams .....        | 13½ do salary as Inspector, from 25th April, 1883, to 30th June, 1884 .....           | \$1,159 | 66   |        |      |
| do .....              | do superannuation tax.....  |         | 23   |        |      |
|                       |   |         |      | 1,183  | 33   |
| E. R. Abell. ....     | 6 do salary as Inspector.....   | \$ 490  | 00   |        |      |
| do .....              | do superannuation tax .....   |         | 10   |        |      |
|                       |   |         |      | 500    | 00   |
| O. P. St. John .....  | 2 do and 8 days salary as Inspector, from 23rd April to 30th June, 1884 .....         | \$ 185  | 12   |        |      |
| do .....              | do superannuation tax.....  |         | 3    |        |      |
|                       |   |         |      | 188    | 88   |
| James Dick .....      | 2 do and 3 days salary as Inspector, from 22nd April to 30th June, 1884 .....         | \$ 150  | 26   |        |      |
| do .....              | do superannuation tax.....  |         | 3    |        |      |
|                       |   |         |      | 153    | 35   |
| E. S. Vigor. ....     | Salary to 30th June, 1884 .....   |         |      | 910    | 00   |
| A. Vipond.....        | Expenses inspecting steamboats .....  |         |      | 836    | 55   |
| Samuel Risley .....   | Travelling expenses .....   |         |      | 974    | 41   |
| W. M. Smith .....     | do .....  |         |      | 1,317  | 48   |
| W. J. Meneilley ..... | do .....  |         |      | 554    | 98   |
| John Burgess .....    | do .....  |         |      | 327    | 55   |
| P. D. Brunelle.....   | do .....  |         |      | 332    | 17   |
|                       | Carried forward.....  |         |      | 16,878 | 67   |



STATEMENT of Expenditure on account of Steamboat Inspection, etc.—*Con.*

|   |  | \$     | cts. | \$     | cts. |
|---|--|--------|------|--------|------|
|   | Brought forward.....   | 16,878 | 67   |        |      |
| T. F. Taylor.....                       | Travelling expenses .....  | 333    | 65   |        |      |
| E. Adams .....                          | do .....   | 402    | 80   |        |      |
| Jos. Samson.....                        | do .....   | 392    | 98   |        |      |
| T. Harbottle.....                       | do .....   | 626    | 02   |        |      |
| C. R. Coker.....                        | do .....   | 711    | 42   |        |      |
| E. R. Abell.....                        | do .....   | 2      | 63   |        |      |
| O. P. St. John.....                     | do .....   | 168    | 71   |        |      |
| E. S. Vigor.....                        | do .....   | 885    | 15   |        |      |
| E. B. McKay.....                        | do .....   | 72     | 53   |        |      |
| M. P. McElhinney.....                   | do .....   | 118    | 00   |        |      |
| Z. Wilson.....                          | do .....   | 8      | 00   |        |      |
| E. J. W. Burton.....                    | do .....   | 3      | 00   |        |      |
| Hon. Jas. Patton.....                   | do .....   | 75     | 00   |        |      |
| Harbour Commissioners,<br>Montreal..... | 12 months rent of office .....   | 250    | 00   |        |      |
| A. P. Devlin.....                       | Travelling expenses and inspecting steamer "Excursion".....  | 180    | 00   |        |      |
| Bank of Montreal.....                   | Draft to pay for test gauge.....   | 124    | 50   |        |      |
| T. N. Hibben & Co. ....                 | Stationery .....   | 39     | 52   |        |      |
| Queen's Printer .....                   | Printing and stationery.....   |        |      | 21,262 | 59   |
|   |  |        |      | 908    | 39   |
|   |  |        |      | 22,170 | 98   |
|   | LESS REFUNDS.  |        |      |        |      |
|   | A. Vipond's travelling expenses to 31st Oct., 1883, previously paid by Agent, British Columbia....                   | 42     | 50   |        |      |
|   | E. S. Vigor's salary to 30th June, 1884, previously paid by Agent, British Columbia.....                             | 235    | 20   |        |      |
|   |  |        |      | 277    | 70   |
|   |  |        |      | 21,893 | 28   |
|   | Inspection dues collected by Customs Department..  | 12,521 | 79   |        |      |
|   | Fees from the examination of Engineers, collected by Chairman of Board, and paid to the credit Receiver-General..... | 2,850  | 00   |        |      |
|   |  |        |      | 15,371 | 79   |

WM. SMITH,  
*Deputy Minister of Marine.*

F. GOURDEAU,  
*Acting Accountant.*

## APPENDIX No. 12

To the Seventeenth Annual Report of the Department of Marine and Fisheries,  
being Statement of Expenditure on account of Registry and Survey of  
Canadian Shipping, for Fiscal Year ended 30th June, 1884.

|                          |  | \$ cts. | \$ cts. |
|--------------------------|--|---------|---------|
| T. H. Sime .....         | Register, Bureau Veritas, £10 10s.....                                       | 51 10   |         |
| Wm. Dawson & Sons.....   | Subscription to "Shipping Gazette," 1 year, to 1st<br>July, 1884, £5 5s..... | 25 55   |         |
| Canadian Express Co. ... | Express charges on books, etc.....   | 3 10    |         |
| Postmaster, Ottawa.....  | To pay for case of shipping forms.....                                       | 4 44    |         |
| Queen's Printer.....     | Stationery and printing.....   |         | 84 19   |
|                          | Total.....   |         | 195 08  |
|                          |  |         | 189 27  |

WM. SMITH,  
*Deputy Minister of Marine and Fisheries.*

F. GOURDEAU,  
*Acting Accountant.*

## APPENDIX No. 13

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Investigations into Wrecks and Casualties, for the Fiscal Year ended 30th June, 1884.

|                          |  | \$ cts. | \$ cts.        |
|--------------------------|--|---------|----------------|
| Edward O'Brien .....     | Reporting wrecks, 20 at \$2.00, Windsor .....                                      | 40 00   |                |
| D. Ferguson .....        | do 9 do Miramichi .....  | 18 00   |                |
| M. Bourinot .....        | do 16 do Port Hawkesbury ..  | 32 00   |                |
| R. Benoit .....          | do 7 do Arichat .....  | 14 00   |                |
| James Ross .....         | do 2 do Margaree .....   | 4 00    |                |
| D. McDonald .....        | do 16 do Pictou .....  | 32 00   |                |
| Jas. Barber .....        | do 52 do St. John .....  | 104 00  |                |
| W. H. Moody .....        | do 7 do Yarmouth .....   | 14 00   |                |
| J. Cummins .....         | do 15 .....  | 15 00   |                |
| Capt. P. A. Scott .....  | Expenses investigating wreck of the "John<br>Murphy" and "City of Brantford" ..... | 33 11   |                |
| J. U. Gregory .....      | To pay witness fees <i>in re</i> "Bahama" .....                                    | 25 50   |                |
| Capt. T. Pritchard ..... | Services as nautical assessor <i>re</i> "Bessie Curry" ..                          | 15 00   |                |
| Capt. W. O. Robinson ..  | do do "Minnie Gordon" ..   | 10 00   |                |
| Capt. Thomas .....       | do do "Bessie Curry" ..  | 5 00    |                |
| Capt. P. A. Scott .....  | Travelling expenses .....  | 92 86   |                |
| David Hunter .....       | 2 days as nautical assessor <i>re</i> "D. Steinman" ..                             | 10 00   |                |
| F. Revely .....          | To pay witness fees <i>re</i> S.S. "Grappler" .....                                | 58 00   |                |
| Capt. P. A. Scott .....  | On account expenses investigating loss of Str.<br>"Princess Louise" .....          | 200 00  |                |
| R. Williams .....        | Allowance for board <i>re</i> loss "Bahama" .....                                  | 14 00   |                |
| R. Ross .....            | do do .....  | 14 00   |                |
| A. Despres ..            | do do .....  | 9 00    |                |
| L. Samson ..             | do do .....  | 9 00    |                |
| D. Tremblay ..           | do do .....  | 9 00    |                |
| E. Laocie ..             | do do .....  | 9 00    |                |
| H. Tremblay ..           | do do .....  | 9 00    |                |
| John Olson ..            | do do .....  | 9 00    |                |
| J. W. Milloy ..          | do do .....  | 9 00    |                |
| N. Mathurin ..           | do do .....  | 6 75    |                |
| E. Frank .....           | do do .....  | 3 75    |                |
| Queen's Printer .....    | Stationery, printing, etc. ....  |         | 823 97<br>6 15 |
|                          |  |         | 830 12         |

WM. SMITH,  
Deputy Minister of Marine.

F. GOUBEDEAU,  
Acting Accountant.

## APPENDIX No. 14

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Rewards for Saving Life, Purchase of Life-boats, etc., for the Fiscal Year ended 30th June, 1884.

|                          |   | \$ cts | \$ cts.  |
|--------------------------|---|--------|----------|
| S. P. Mabee.....         | Putting life-boat in order, and building boathouse at Port Rowan .....                                | 148 93 |          |
| do .....                 | Signal flag at Port Rowan.....  | 3 75   |          |
| W. H. Allan.....         | 2½ years storage at Port Rowan.....   | 22 00  |          |
| W. Woodward .....        | Salary, 6 months to 1st April, 1884, for taking charge of life-boat, Port Rowan.....                  | 117 00 |          |
| Charles Garner.....      | Construction of life-boat, Wellington.....  | 451 35 |          |
| Hicks & Vanblaricom....  | Horse hire delivering life-boat, Wellington .....   | 27 00  |          |
| T. Gorman.....           | Unloading from car do do .....  | 5 00   |          |
| J. S. McQuaig.....       | To pay for do do .....  | 301 19 |          |
| J. J. Bongard.....       | Repairs to do do .....  | 20 00  |          |
| H. McCullough .....      | Paid for caulking, etc. do do .....   | 39 50  |          |
| do .....                 | Salary as Captain, 1 year to 1st July, 1884, Wellington .....   | 75 00  |          |
| do .....                 | Paid wages of crew to 30th Nov., 1883, Wellington .....   | 126 00 |          |
| J. J. Turner.....        | Dominion flag for life-boat, Cobourg .....  | 16 00  |          |
| H. E. Barr.....          | Painting waggon for do do .....   | 18 00  |          |
| Jeffrey & McNaughton.... | Rope hooks, etc. do .....   | 5 07   |          |
| John Pengilley.....      | Rowlocks do .....   | 7 75   |          |
| George Tutt.....         | Flag pole do .....  | 11 50  |          |
| W. Lewis & Son .....     | Patent blocks, etc. do .....  | 6 00   |          |
| D. Rooney.....           | Paid for raising and cleaning life-boat, Cobourg....  | 7 90   |          |
| do .....                 | Salary as Captain, 1st July, 1883, to 1st May, 1884, Cobourg .....                                    | 79 35  |          |
| do .....                 | Paid wages of crew, Cobourg.....  | 72 00  |          |
| Leroy Spafford.....      | Salary as Captain of life-boat, 1 year to 1st July, 1884, Polar Point.....                            | 75 00  |          |
| do .....                 | Two trips to Picton, Poplar Point.....  | 4 00   |          |
| do .....                 | Paid crew for practice do .....   | 36 00  |          |
| J. Bongard.....          | Rent of waggon house do .....   | 24 00  |          |
| Captain Andrews .....    | Paid crew for practice, Toronto .....   | 145 00 |          |
| D. McMullin.....         | Freight on life-boats.....  | 16 00  |          |
| J. S. McQuaig.....       | Expenses of Capt. Dobbin and Capt. Doyle inspecting life-boats.....                                   | 11 91  |          |
| Acct. Board of Trade ... | Amount advanced 3 men of "Afteinsjern" for services rendered crew of wrecked ship "Stella," £12 ..... | 58 40  |          |
| Jas. Cole.....           | Services rescuing crew ex "Marcopole" .....   | 10 00  |          |
| Wm. McKenzie.....        | do do .....   | 10 00  |          |
| M. Praught.....          | do do .....   | 10 00  |          |
| H. Fyfe.....             | do do .....   | 10 00  |          |
| James Jones.....         | do do .....   | 10 00  |          |
| D. Praught.....          | do do .....   | 10 00  |          |
| E. Warren.....           | do do .....   | 10 00  |          |
| John Doyle .....         | do do .....   | 10 00  |          |
| George Cox.....          | Engraving watches, etc.....   | 105 44 |          |
| John Leslie.....         | Watches, binocular glasses, etc.....  | 189 91 |          |
| Harrison & Son .....     | Marine glasses, £59 18s. 0d.....  | 291 52 |          |
| Canadian Express Co ...  | Express charges on glasses.....   | 16 57  |          |
| Queen's Printer.....     | Stationery and printing.....  |        | 2,614 04 |
|                          |   |        | 0 87     |
|                          |   |        | 2,614 91 |

F. GOURDEAU,  
Acting Accountant.

WM. SMITH,  
Deputy Minister of Marine.

## APPENDIX No. 15.

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure and Receipts on account of Water Police, Quebec, and Harbour Police, Montreal, for the Fiscal Year ended 30th June, 1884.

|                          |   | QUEBEC.     |  | \$ cts.   | \$ cts.  |
|--------------------------|---|-------------|--|-----------|----------|
| B. Trudel.....           | 12 months salary as Chief Police and Shipping Master..... | \$1,470 00  |  |           |          |
| do .....                 | do superannuation tax.....                                | 30 00       |  |           |          |
| John Giblin.....         | 12 months salary as Dep. Shipping Master.....             | \$980 00    |  | 1,500 00  |          |
| do .....                 | do superannuation tax.....                                | 20 00       |  |           |          |
| B. Trudel.....           | Pay-list, wages of men.....                               | \$12,194 35 |  |           | 1,000 00 |
| do .....                 | do gratuity for good conduct.....                         | 1,872 50    |  |           |          |
| do .....                 | do bonus.....   | 270 00      |  |           |          |
|                          |   |             |  | 14,336 85 |          |
| J. Hamel et freres.....  | Cloth and cotton.....                                     |             |  | 947 11    |          |
| Foley & Co.....          | Serge suits.....  |             |  | 280 00    |          |
| E. Chanteloup.....       | Buttons.....  |             |  | 91 75     |          |
| J. R. Renfrew & Co.....  | Straw hats.....   |             |  | 32 85     |          |
| J. Cunningham.....       | Shirts.....   |             |  | 17 50     |          |
| T. Routier.....          | Repairing hull of "Dolphin".....                          |             |  | 44 25     |          |
| do .....                 | do repairs.....   |             |  | 105 21    |          |
| do .....                 | do Repairing slip.....                                    |             |  | 119 26    |          |
| S. Peters.....           | Lumber.....   |             |  | 442 02    |          |
| Carrier, Lainé & Co..... | Repairing engines.....                                    |             |  | 555 37    |          |
| Hy. Black & Co.....      | Plates and furnace bars.....                              |             |  | 121 66    |          |
| G. T. Phillips.....      | Steam pipes and repairs.....                              |             |  | 42 32     |          |
| H. Dinning & Co.....     | Lumber.....   |             |  | 25 97     |          |
| J. Cunningham.....       | Repairs, cork fenders.....                                |             |  | 274 75    |          |
| Hy. Quinn.....           | Repairing engines.....                                    |             |  | 26 00     |          |
| J. M. Tardif.....        | Spars and knees.....                                      |             |  | 21 60     |          |
| G. Belanger.....         | Repairing engines.....                                    |             |  | 51 00     |          |
| H. Quinn.....            | Timber.....   |             |  | 2 00      |          |
| J. Deegan.....           | Pay-list, repairs.....                                    |             |  | 70 00     |          |
| J. O'Dowd.....           | Painting and repairs.....                                 |             |  | 31 00     |          |
| J. Cunningham.....       | Outfit.....   |             |  | 100 75    |          |
| Z. Marchand.....         | 2½ tons of coal, at \$7.....                              |             |  | 17 50     |          |
| G. M. Webster & Co.....  | 5 chaldron of coal, at \$6.50.....                        | \$32 50     |  |           |          |
| do .....                 | ½ do 7.50.....  | 3 75        |  |           |          |
| do .....                 | 1 do 8.00.....  | 8 00        |  |           |          |
|                          |   |             |  | 44 25     |          |
| C. E. Holwell.....       | Stationery.....   |             |  | 43 90     |          |
| Imperial Oil Co.....     | Petroleum.....  |             |  | 21 25     |          |
| S. J. Shaw & Co.....     | Screws, nails, putty, tools, etc.....                     |             |  | 674 97    |          |
| Beaudet & Chinic.....    | Paint, oil, etc.....                                      |             |  | 260 50    |          |
| J. Dunn.....             | Tallow and soap.....                                      |             |  | 117 50    |          |
| Alex. Grant.....         | Provisions for prisoners.....                             |             |  | 85 19     |          |
| O. Simard.....           | Red lead.....   |             |  | 49 40     |          |
| O'Neil & Judd.....       | Flag.....   |             |  | 8 00      |          |
| Audet & Robitaille.....  | Canvas and rope.....                                      |             |  | 315 10    |          |
| Dawson & Co.....         | Stationery.....   |             |  | 12 75     |          |
| Auger & Martineau.....   | Paint.....  |             |  | 8 00      |          |
| Renaud & Co.....         | Lamps, chimneys, etc.....                                 |             |  | 49 35     |          |
| S. Bedard.....           | Lanterns.....   |             |  | 8 00      |          |
| W. Hunt & Co.....        | Corkwood.....   |             |  | 6 50      |          |
| J. Cunningham.....       | Meals.....  |             |  | 17 45     |          |
| J. Battle.....           | do .....  |             |  | 5 40      |          |
| Carried forward.....     |   |             |  | 21,984 23 |          |

STATEMENT of Expenditure and Receipts on account of Harbour Police, Montreal, and Water Police, Quebec, etc.—Continued.

|                           |   | \$       | cts.     | \$     | cts. |
|---------------------------|---|----------|----------|--------|------|
|                           | Brought forward .....   |          | 21,984   |        | 23   |
| QUEBEC—Concluded.         |   |          |          |        |      |
| B. Trudel.....            | 2 cords wood, at \$5.00.....                                    | \$10     | 00       |        |      |
| do .....                  | 1 do 4.50 .....   |          | 4 50     |        |      |
| J. Marmen.....            | 13 do 4.50.....   |          |          | 14     | 50   |
| do .....                  | Cartage.....  |          |          | 58     | 50   |
| Cherrier & Co.....        | Directory.....  |          |          | 11     | 30   |
| Duquet & Co.....          | Keys.....   |          |          | 8      | 00   |
| J. J. Foote.....          | Subscription to "Chronicle".....                                |          |          | 1      | 00   |
| G. T. Carey.....          | do "Mercury".....   |          |          | 6      | 00   |
| Bell Telephone.....       | Rent of telephone.....  |          |          | 4      | 00   |
| B. Trudel.....            | Telegrams and cartage.....                                      |          |          | 60     | 00   |
| J. F. Arel.....           | Chairs.....   |          |          | 41     | 16   |
| J. Carrell.....           | Printing.....   |          |          | 6      | 00   |
| T. Berrigan.....          | Cartage of prisoners.....                                       |          |          | 15     | 00   |
| T. Roulier.....           | Paid for clearing snow off pontoon.....                         |          |          | 526    | 50   |
| Queen's Wharf.....        | Use of stores.....  |          |          | 22     | 40   |
| T. Berrigan.....          | Clearing snow.....  |          |          | 100    | 00   |
| J. Clark.....             | Towing pontoon.....   |          |          | 92     | 00   |
| Mrs. Abraham.....         | Washing.....  |          |          | 5      | 00   |
|                           |   |          |          | 3      | 20   |
|                           | Total .....   |          |          |        |      |
|                           |   |          |          | 22,958 | 79   |
| MONTREAL.                 |   |          |          |        |      |
| H. St. A. Ormond.....     | 12 months salary as Agent of Department.....                    | \$1,372  | 00       |        |      |
| do .....                  | do superannuation tax.....                                      |          | 28 00    |        |      |
| George Murphy.....        | do salary as Chief of Police, 365 days, at \$3.....             |          |          | 1,400  | 00   |
| H. St. A. Ormond.....     | Pay-list of men from 1st June, 1883, to 30th June, 1884.....    | \$11,660 | 05       |        |      |
| do .....                  | Pay-list for good conduct, 6,399 days, at 25 cents per day..... |          | 1,599 75 |        |      |
| do .....                  | Further bonus for good conduct—                                 |          |          |        |      |
|                           | 23 men, at \$10 00 .....  | 280      | 00       |        |      |
|                           | 1 do 8 50 .....   |          | 8 50     |        |      |
|                           | 1 do 8 75 .....   |          | 8 75     |        |      |
|                           | 1 do 7 25 .....   |          | 7 25     |        |      |
| do .....                  | Paid for cab-hire, telegrams, freight, cartage, etc., etc.....  |          | 222 49   |        |      |
|                           |   |          |          | 13,786 | 79   |
| Mrs. McDonald.....        | Washing, etc., office and cells .....                           |          |          | 48     | 00   |
| E. Chanteloup.....        | Buttons and replating buttons.....                              |          |          | 15     | 94   |
| R. Watson.....            | Examining and reporting on cloth for police clothing.....       |          |          | 5      | 00   |
| Brown & Co.....           | Carpenters tools .....  |          |          | 23     | 64   |
| R. Gahan.....             | Altering gas pipes.....   |          |          | 2      | 55   |
| J. K. Macdonald.....      | Brass keys .....  |          |          | 0      | 50   |
| Wm. Drysdale & Co.....    | Stamps .....  |          |          | 27     | 60   |
| R. McShane.....           | Meal, soap, etc.....  |          |          | 12     | 72   |
| Douglass & McNiece.....   | Soap.....   |          |          | 1      | 50   |
| J. Carsley.....           | Print, towels, etc.....   |          |          | 7      | 63   |
| Goodyear Rubber Co.....   | Gas tubing.....   |          |          | 2      | 70   |
| James Brown & Bro.....    | Nails, brass bolts, chamois, etc.....                           |          |          | 16     | 82   |
| Harbor Commissioners..... | 12 months rent of station, to 1st May, 1884.....                |          |          | 500    | 00   |
| T. Patton & Co.....       | Making clothing.....  |          |          | 241    | 18   |
| Gault Bros.....           | Serge, \$309.92; rubber coats, etc., \$165.50 .....             |          |          | 475    | 42   |
| Chas. Charron.....        | Boots for constables.....                                       |          |          | 234    | 60   |
| City Gas Co.....          | 12 months gas .....   |          |          | 58     | 34   |
| L. H. Hensault.....       | Ice.....  |          |          | 9      | 50   |
| Mrs Oregan.....           | Meals for prisoners .....                                       |          |          | 2      | 80   |
| Wm. Walker.....           | New tap .....   |          |          | 4      | 58   |
|                           | Carried forward .....   |          |          | 18,002 | 61   |

**STATEMENT of Expenditure and Receipts on account of Harbour Police,  
Montreal, and Water Police, Quebec, etc.—Concluded.**

|                             |  | \$ cts.   | \$ cts.   |
|-----------------------------|--|-----------|-----------|
|                             | Brought forward .....                        | 18,002 61 |           |
|                             | <b>MONTREAL—Concluded.</b>                   |           |           |
| D. McEntyre & Sons .....    | Trousers, overcoats, tunics and samples..... | 524 85    |           |
| John Fox.....               | Straw .....                                  | 3 20      |           |
| "Gazette" Printing Co. .... | Subscription .....                           | 18 00     |           |
| do .....                    | Printing on hat bands.....                   | 2 00      |           |
| "Herald" Printing Co. ....  | Subscription .....                           | 11 20     |           |
| R. H. Hughes.....           | Police whistles .....                        | 12 16     |           |
| Mrs. Ryan .....             | Meals for prisoners .....                    | 4 80      |           |
| Wm. Samuel.....             | Caps, hats, helmets, etc.....                | 138 75    |           |
| J. A. Beauvais.....         | Tunics, trousers and trimmings.....          | 116 00    |           |
| Wm. Farquharson .....       | Making trousers.....                         | 16 00     |           |
| E. J. Maxwell .....         | Lumber .....                                 | 4 11      |           |
| Bell Telephone Co .....     | 12 months rent to 6th October, 1884 .....    | 83 00     |           |
| Dawson Bros .....           | Wrapping paper.....                          | 1 80      |           |
| Post Office.....            | Rent of box.....                             | 6 00      |           |
| Frothingham & Workman ..... | Lock, hooks, etc.....                        | 6 36      |           |
| J. Arnold .....             | Cleaning arms .....                          | 16 50     |           |
| Jos. Fortier.....           | Twine, wrapping paper, etc.....              | 7 65      |           |
| J. R. Bain.....             | Case opener.....                             | 1 50      |           |
| J. Wilson.....              | Book shelf .....                             | 3 00      |           |
| Ramsay, Dodd & Co.....      | Varnish.....                                 | 2 48      |           |
| Dr. A. L. Smith .....       | Examining men .....                          | 3 50      |           |
| H. St. A. Ormond.....       | Travelling expenses .....                    | 11 00     |           |
| Queen's Printer.....        | Stationery, printing, etc.....               |           | 18,996 47 |
|                             |  |           | 29 57     |
|                             |  |           | 19,026 04 |
|                             | LESS—Refund.....                             |           | 4 11      |
|                             |  |           | 19,021 93 |

**SUMMARY.**

|  |           |           |
|--|-----------|-----------|
| Total Expenditure, Quebec .....          | 22,958 79 |           |
| do Montreal.....                         | 19,021 93 |           |
|  |           | 41,980 72 |
| Receipts at Port of Quebec .....         | 18,441 12 |           |
| do Montreal .....                        | 10,056 13 |           |
|  |           | 28,497 25 |
| Excess of Expenditure over Receipts..... |           | 13,483 47 |

**F. GOURDEAU,**  
*Acting Accountant.*

**WM. SMITH,**  
*Deputy Minister of Marine.*

APPENDIX No. 16

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING REPORT ON THE MARINE AND IMMIGRANT HOSPITAL AT QUEBEC, FOR THE FISCAL YEAR ENDED 30TH JUNE, 1884.

MARINE HOSPITAL, QUEBEC, 15th September, 1884.

To the Honorable  
The Minister of Marine and Fisheries,  
Ottawa.

SIR,—The trustees of the Marine and Immigrant Hospital at Quebec have the honor to submit the following Report:—

The expenses incurred in the maintenance of the hospital during the fiscal year 1883-84 amounted to \$19,990.34. Of this sum \$17,391.34 was a charge upon the Federal Government; the balance, viz., \$2,599.00, was met as follows:—

|  |            |
|--|------------|
| Grant from the Province of Quebec..... | \$2,400 00 |
| Rent of beach lots.....                | 120 00     |
| Board of patients.....                 | 76 00      |
| Sale of ashes.....                     | 3 00       |
|  | \$2,599 00 |

The report of the resident physician on the admissions, discharges and deaths which have occurred in the hospital during the year may be summed up as follows:—

|  |        |     |
|--|--------|-----|
| Number of patients in the hospital on the 30th June, 1883... | 75     |     |
| Number of admissions .....                                   | 654    |     |
|  |        | 729 |
| Number of discharges.....                                    | 640    |     |
| Number of deaths.....  | 25     |     |
| Number of patients in hospital on 30th June, 1884.....       | 64     |     |
|  |        | 729 |
| Total number of days' attendance in hospital.....            | 15,517 |     |
| Average of do do do .....                                    | 24     |     |
| Rate per cent. of mortality.....                             | 3.4    |     |

The report of the resident physician submits that with regard to the attendance of patients there is a falling off of 105 in the number of admissions, and a decrease of 4,525 days' attendance. This result is due somewhat to the limited number of vessels which have frequented the port, and to the excellence of the sanitary state of their crews and passengers, but principally to the rigid control the Commissioners exercised on the admission of sick patients of the city.

This diminution referred to by the Commissioners in the number of patients admitted, and their attendance, has enabled them to reduce to \$1,500 a deficit of \$2,800 they had last year.

The death rate has been lower than at any other period—3.4 per cent. These figures will be all the more significant if it is noted that, of the twenty-five deaths mentioned, several were the result of accidents, death occurring on the same day of admission, or the day following.



The trustees, under the apprehension that cholera would be introduced here, would have wished to devote, to the purchase of bed furnishings, &c., a sum proportionate to the presumed requirements of the hospital, but the state of their finances would not allow them to incur this expenditure. The trustees believe it their duty to take this opportunity to solicit a supplementary subsidy in the event of cholera visiting Canada.

All of which is humbly submitted.

P. WELLS, M.D.,  
*Secretary.*

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RETURN of Patients treated in the Marine and Immigrant Hospital at Quebec, for the year ending 30th June, 1884.

|   | Seamen. | Immigrants. | Residents. |
|---|---------|-------------|------------|
| Remaining in hospital, 1st July, 1883.....  | 46      | 6           | 23         |
| Admitted during the year.....               | 372     | 103         | 179        |
| Total treated during the year.....          | 418     | 109         | 202        |
| Discharged during the year.....             | 372     | 93          | 175        |
| Died during the year.....                   | 9       | 5           | 11         |
| Remaining in hospital, 30th June, 1884..... | 37      | 11          | 16         |
| Number of days in hospital.....             | 6,328   | 1,499       | 7,690      |

L. CATELLIER, M.D.,  
*Resident Physician, M. & I. Hospital.*

APPENDIX No. 17

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of the Marine and Immigrant Hospital, Quebec, for the Fiscal Year ended 30th June, 1884.

|                                 |   |          | \$ cts.  | \$ cts. |
|---------------------------------|---|----------|----------|---------|
| Jas. A. Sewell, M.D.....        | 4 months salary as Chairman of Commissioners.....   |          | 133 33   |         |
| O. Robitaille, M.D.....         | 12 do Commissioner.....   |          | 200 00   |         |
| W. Marsden, M.D.....            | 5 do do .....   |          | 83 33    |         |
| P. Wells, M.D.....              | 12 do Secretary and Treasurer.....  |          | 600 00   |         |
| A. Rowand, M.D.,.....           | do Visiting Physician.....  |          | 400 00   |         |
| C. E. Lemieux, M.D.....         | do do .....   |          | 400 00   |         |
| N. E. Dionne, M.D.....          | do do .....   |          | 400 00   |         |
| L. Catellier, M.D.....          | do Resident Physician.....  |          | 799 92   |         |
| Rev. M. M. Fothergill.....      | Allowance as Chaplain 1 year.....   |          | 144 00   |         |
| Rev. J. P. Sexton.....          | do do .....   |          | 144 00   |         |
| do .....                        | Interments .....  |          | 20 00    |         |
| Mount Hermon Cemetery, do ..... | do .....  |          | 35 60    |         |
| Corporation of Quebec.....      | Water tax 1 year.....   |          | 800 00   |         |
| Quebec Gas Company.....         | Gas.....  |          | 492 00   |         |
| Jas. McCorkell.....             | Bread.....  |          | 990 43   |         |
| L. Lessard.....                 | Firewood, 275½ cords, at \$4.50, \$1,240.87; and transport and pilage, \$220.60.....        |          | 1,461 47 |         |
| J. Asselin.....                 | Cutting firewood.....   |          | 165 45   |         |
| J. Macnaughton & Co.....        | Coals, 32 <sup>2</sup> / <sub>10</sub> tons, at \$6.75, \$220.51; and weighing, \$1.30..... |          | 221 81   |         |
| Thos. Delany.....               | Beef, \$1,872.21; pork, \$99.85.....  |          | 1,972 06 |         |
| M. Brophy.....                  | Milk.....   |          | 1,135 89 |         |
| Jas. McCone.....                | Groceries.....  |          | 1,915 24 |         |
| P. E. Blais.....                | do .....  |          | 632 72   |         |
| S. Mossman.....                 | 1 year's disbursements for vegetables, fish, eggs, fowls, etc., for patients.....           |          | 809 87   |         |
| do .....                        | 12 months wages as Matron.....  |          | 300 00   |         |
| S. Hobbs .....                  | Orderly, 7 months, at \$18.....   | \$126 00 |          |         |
| do .....                        | do 5 do 16.....   | 80 00    |          |         |
|                                 |   |          | 206 00   |         |
| P. Barry .....                  | do 7 do 18.....   | \$126 00 |          |         |
| do .....                        | do 5 do 16.....   | 80 00    |          |         |
|                                 |   |          | 206 00   |         |
| R. Deegan.....                  | do 4½ do 18.....  |          | 81 00    |         |
| J. Brennanan.....               | do 3 do 18.....   |          | 54 00    |         |
| H. Hunt.....                    | Porter, 7 do 18.....  | \$126 00 |          |         |
| do .....                        | do 5 do 16.....   | 80 00    |          |         |
|                                 |   |          | 206 00   |         |
| W. Vaillancourt.....            | Outside Porter, 7 months, at \$18.....  | \$126 00 |          |         |
| do .....                        | do 5 do 16.....   | 80 00    |          |         |
|                                 |   |          | 206 00   |         |
| O. Caron.....                   | do 1 month and 16 days, at \$18.....  | \$27 60  |          |         |
| do .....                        | do 5 months, at \$16.....   | 80 00    |          |         |
|                                 |   |          | 107 60   |         |
| C. Ryan.....                    | Nurse, 12 months, at \$10.....  |          | 120 00   |         |
| A. Jacobs.....                  | do 9 do 10.....   |          | 90 00    |         |
| A. McGrath.....                 | do 12 do 10.....  |          | 120 00   |         |
| M. Quinn.....                   | do 2 do 18.....   |          | 20 00    |         |
| R. Stonehouse.....              | Night Nurse, 12 months, at \$10.....  |          | 120 00   |         |
| M. Mitron.....                  | Cook, 12 do 10.....   |          | 120 00   |         |
| M. Lawlor.....                  | do 12 do 8.....   |          | 96 00    |         |
| C. Ouellet.....                 | Housemaid, 8 do 7.....  |          | 56 00    |         |
| A. Poulet.....                  | do 4 do 7.....  |          | 28 00    |         |
| M. O'Neil.....                  | do 12 do 7.....   |          | 84 00    |         |
| E. Dunn.....                    | Seamstress 12 do 8.....   |          | 96 00    |         |
| C. Hobbs.....                   | Washing clothes, 40 days.....   |          | 24 00    |         |
| M. Lamarre.....                 | do 20 do .....  |          | 12 00    |         |
|                                 | Carried forward.....  |          | 5,409 12 |         |

**STATEMENT of Expenditure on account of the Marine and Immigrant Hospital, Quebec, etc.—Concluded.**

|                       |   | \$ cts.   | \$ cts. |
|-----------------------|---|-----------|---------|
| Brought forward.....  |   | 5,409 12  |         |
| M. Bailliargé.....    | Scullery maid, 57½ days.....                          | 28 75     |         |
| M. Quinn.....         | House cleaner, 49 do .....                            | 24 50     |         |
| A. Healy.....         | House cleaner, 47 do .....                            | 23 50     |         |
| M. Bailliargé.....    | do 49 do .....  | 24 50     |         |
| M. Terreau.....       | do 47 do .....  | 23 50     |         |
| C. Hobbs.....         | do 28 do .....  | 14 00     |         |
| L. T. Dussault.....   | Towelling, sheeting, ticking, blankets, flannel, etc. | 855 55    |         |
| J. A. Langlais.....   | Stationery.....                                       | 25 60     |         |
| T. Lemieux.....       | do .....  | 24 50     |         |
| A. Laberge.....       | Making doors, painting, glazing and repairs.....      | 399 03    |         |
| Geo. Cook.....        | Smith work, putting up and cleaning stovepipes, etc.  | 257 10    |         |
| Andrews Brothers..... | Hardware and cutlery .....                            | 40 03     |         |
| do .....              | Repairing gas pipes and new fixtures.....             | 44 69     |         |
| Quebec Gas Co.....    | do do .....   | 9 41      |         |
| A. Mulholland.....    | Plumber's work.....                                   | 519 66    |         |
| Ryan & Keraghan.....  | do .....  | 97 87     |         |
| Thos. Norris.....     | Crockery.....   | 101 80    |         |
| W. Brunet et Cie..... | Drugs.....  | 81 89     |         |
| J. C. Dorion.....     | do .....  | 93 58     |         |
| J. E. Burke.....      | do .....  | 11 50     |         |
| E. Morin et Cie.....  | do .....  | 250 30    |         |
| R. McLeod.....        | do .....  | 11 30     |         |
| L. Gagnon.....        | Ice.....  | 28 00     |         |
| J. Drolet.....        | Washing bill.....                                     | 363 34    |         |
| do .....              | Straw.....  | 5 96      |         |
| Demers et frère.....  | Printing.....   | 14 00     |         |
| P. Vallière.....      | Furniture.....  | 75 90     |         |
| G. Lepine.....        | Funeral expenses.....                                 | 60 00     |         |
| J. K. Boswell.....    | Ale.....  | 71 50     |         |
|                       |   | 19,990 34 |         |

WM. SMITH,  
*Deputy Minister of Marine.*

F. GOURDEAU,  
*Acting Accountant.*

APPENDIX No. 18

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, and Shipwrecked and Distressed Seamen, for the Fiscal Year ended 30th June, 1884.

PROVINCE OF ONTARIO.

|                            | ST. CATARINES HOSPITAL.                       | \$ cts. | \$ cts.  |
|----------------------------|---|---------|----------|
| Treasurer of Hospital. ... | Annual Grant for support of sick seamen ..... |         | 500 00   |
|                            | KINGSTON HOSPITAL.                            |         |          |
| J. E. Clarke, Secretary..  | Annual Grant for support of sick seamen ..... |         | 500 00   |
|                            |   |         | 1,000 00 |

PROVINCE OF QUEBEC.

|                            | MONTREAL GENERAL HOSPITAL.   |        |          |
|----------------------------|--|--------|----------|
| Thos. Davidson, Treasurer  | Maintenance of sick seamen for season ended 30th November, 1883, 1,305 days, at 90 cts. per diem ..... |        | 1,174 50 |
|                            | SICK AND DISABLED SEAMEN.  |        |          |
| P. L. Gauvreau .....       | Passage of two men from Rimouski .....   | 3 00   |          |
| Dr. H. C. Smellie .....    | Professional attendance on sick seamen, Gaspé .....  | 306 00 |          |
| Dr. P. E. Lemeux .....     | do do Métis .....  | 14 50  |          |
| Dr. S. Grenier .....       | do do Percé .....  | 309 00 |          |
| Dr. B. Laroque .....       | do do .....  | 12 00  |          |
| Dr. L. E. Beauchamp .....  | do do Chicoutimi..   | 13 50  |          |
| Dr. S. Pouliot .....       | do do do .....   | 22 00  |          |
| Dr. C. A. C. Lacombe ..... | do do do .....   | 4 00   |          |
| Dr. N. E. Ray .....        | do do Gaspé .....  | 22 00  |          |
| Dr. W. Maguire .....       | do do New Carlisle   | 251 90 |          |
| Dr. A. A. Lapierre .....   | do do do .....   | 17 00  |          |
| Mrs. Cormick .....         | Boarding and lodging sick seamen, Percé .....  | 59 00  |          |
| M. Miloy .....             | do do do .....   | 40 00  |          |
| F. A. Pigeon .....         | do do do .....   | 5 00   |          |
| Mrs. Tremblay .....        | do do do .....   | 6 00   |          |
| John Hocquard .....        | do do New Carlisle..   | 256 10 |          |
| Grey Nuns .....            | do do .....  | 16 00  |          |
|                            |  |        | 1,357 00 |
|                            | SHIPWRECKED AND DISTRESSED SEAMEN.   |        |          |
| Str. "Admiral" .....       | Passage of seamen .....  | 73 16  |          |
| John Baker .....           | Boarding seamen, ex "Marion" .....   | 3 00   |          |
| J. J. Kavanagh .....       | Paid passages, lodging, etc., seamen .....   | 157 53 |          |
| Hon. E. D. Shea .....      | do .....   | 9 20   |          |
| B. Bradley .....           | Boarding and lodging seamen .....  | 48 50  |          |
|                            | Carried forward .....  | 291 39 |          |

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF QUEBEC—Concluded.

|  |   | \$ cts. | \$ cts. |
|--|---|---------|---------|
| Brought forward .....                        |   | 291 39  |         |
| SHIPWRECKED AND DISTRESSED SEAMEN—Concluded. |   |         |         |
| Intercolonial Railway.....                   | Passages of seamen .....                          | 1 60    |         |
| John Souter .....                            | Conveyance of seamen .....                        | 10 95   |         |
| H. St. A. Ormond.....                        | Paid passage of seamen.....                       | 20 00   |         |
| W. Beatty.....                               | Boarding, etc., seamen, ex "Annie Maude" .....    | 9 00    |         |
| J. A. Eden .....                             | do do .....                                       | 4 50    |         |
| C. Sinnet .....                              | do do .....                                       | 19 00   |         |
| J. Landry .....                              | do "Golden Lion" .....                            | 75 00   |         |
| W. E. Dickinson.....                         | Meals to crew of Port Rowan lifeboat.....         | 8 75    |         |
| Bank of Montreal.....                        | To pay wrecked seamen ex "Minnie" .....           | 73 00   |         |
| Richard Miller.....                          | Conveyance of seamen, ex "Alice" .....            | 108 00  |         |
|  |   |         | 621 19  |
| BOARD OF TRADE.                              |   |         |         |
| Accountant, Board of Trade.....              | To re-imburse expenses seamen, ex "Tevriot" ..... | 173 46  |         |
| do do .....                                  | do do "Clifton" .....                             | 89 75   |         |
| do do .....                                  | do do "Ingomar" .....                             | 366 94  |         |
| do do .....                                  | do do "Java" .....                                | 132 19  |         |
| do do .....                                  | do do "Julia Grace" .....                         | 115 79  |         |
| do do .....                                  | do do "Natrona" .....                             | 33 86   |         |
| do do .....                                  | do do "Sarah B." .....                            | 6 57    |         |
|  |   |         | 918 56  |

PROVINCE OF NOVA SCOTIA.

|                           |   | \$ cts. | \$ cts.  |
|---------------------------|---|---------|----------|
| SICK AND DISABLED SEAMEN. |   |         |          |
| Provincial City Hospital  | Board of seamen during the fiscal year ended 30th June, 1884, 4,836 $\frac{1}{2}$ days, at 90 cts. per day..... |         | 4,352 95 |
| Arichat.                  |   |         |          |
| W. A. Babineau .....      | Board, 8 weeks, at \$3.....   | 24 00   |          |
| J. A. Dennison .....      | do 1 do \$3.....  | 3 00    |          |
| do .....                  | do 7 do \$3.50 .....  | 24 50   |          |
| do .....                  | do 2 weeks and 5 days, at \$3.50 .....  | 9 50    |          |
| Peter Martell .....       | do 3 weeks, at \$3.....   | 9 00    |          |
| Annie Terrio .....        | do 6 do \$3.....  | 18 00   |          |
| Stephen Boudrot.....      | do 4 weeks and 3 days, at \$3.....  | 13 28   |          |
| Mary A. Josse .....       | do 9 do 2 do \$3.....   | 27 86   |          |
| P. Petitpas .....         | do 2 weeks, at \$3.....   | 6 00    |          |
| Maria Boudrot .....       | do 3 do \$3.....  | 9 00    |          |
| Jane Boudrot .....        | do 3 do \$3.....  | 9 00    |          |
| F. J. Fennelly.....       | do 10 days, at 75c .....  | 7 50    |          |
| Adeline Sampson .....     | do 3 weeks, at \$3.....   | 9 00    |          |
| Dr. V. A. Hazil.....      | Medicines .....   | 54 40   |          |
| do .....                  | Salary, 1 year .....  | 250 00  |          |
|                           |   |         | 474 04   |
| Annapolis.                |   |         |          |
| Dr. Aug. Robinson .....   | Attendance and medicine.....  | 31 55   |          |
| Mrs. Amberman.....        | Board, 10 days, at \$1.50.....  | 15 00   |          |
| St. Clair Francis .....   | do 10 do 60c.....   | 6 00    |          |
|                           |   |         | 52 55    |
| Carried forward .....     |   |         | 4,879 54 |

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

|                          |   | \$ cts. | \$ cts.  |
|--------------------------|---|---------|----------|
| Brought forward .....    |   |         | 4,879 54 |
| <i>Advocate Harbour.</i> |   |         |          |
| Dr. Clifford Sayre ..... | Attendance and medicine .....                       | 50 75   |          |
| Jacob Spicer .....       | Board, 4 weeks, at \$3.....                         | 12 00   |          |
| do .....                 | Nursing, 27 days, at \$1.50.....                    | 40 50   |          |
| db .....                 | Washing.....  | 6 00    | 109 25   |
| <i>Baddeck.</i>          |   |         |          |
| Dr. H. B. McPherson..... | Attendance and medicine.....                        | 14 00   |          |
| Dr. S. G. A. McKeen..... | do .....  | 1 00    |          |
| Dr. J. L. Bethune.....   | do .....  | 2 50    | 17 50    |
| <i>Barrington.</i>       |   |         |          |
| Dr. W. K. French.....    | Attendance and medicine.....                        | 29 50   |          |
| Freeman Newell .....     | Board, 3 weeks.....                                 | 9 00    |          |
| C. O. Crowell .....      | do 1 week.....                                      | 3 00    | 41 50    |
| <i>Bear River.</i>       |   |         |          |
| Dr. R. J. Ellison.....   | Attendance and medicine.....                        | 9 20    |          |
| Dr. J. G. Dwyer .....    | do .....  | 2 60    | 11 80    |
| <i>Bayfield.</i>         |   |         |          |
| Mrs. M. McDonald .....   | Board, 5 weeks, at \$3.....                         |         | 15 00    |
| <i>Bridgetown.</i>       |   |         |          |
| Dr. Lewis DeBlois .....  | Attendance and medicine.....                        | 7 60    |          |
| Thos. Gibson .....       | Board and nursing, 2 days .....                     | 2 00    | 9 60     |
| <i>Cow Bay, C.B.</i>     |   |         |          |
| Dr. R. A. H. MacKeen.... | Attendance and medicine.....                        | 58 75   |          |
| S. E. Lawders.....       | Burial expenses .....                               | 10 00   |          |
| M. McAuley .....         | Board and attendance, 7 days.....                   | 12 25   | 81 00    |
| <i>Cornwallis.</i>       |   |         |          |
| Dr. J. L. Miller.....    | Attendance and medicine.....                        | 66 00   |          |
| C. Simmonds .....        | Board, 9 days .....                                 | 9 00    |          |
| Dr. F. W. Borden .....   | Attendance and medicine.....                        | 10 50   | 85 50    |
| <i>Chester.</i>          |   |         |          |
| Dr. F. W. Kelly .....    | Attendance and medicine.....                        | 54 75   |          |
| Arch. Evans.....         | Board, 9 weeks, at \$3.....                         | 27 00   | 81 75    |
| <i>Digby.</i>            |   |         |          |
| B. Viets .....           | Medical attendance, board and conveyance 6 men..... |         | 11 00    |
| Carried forward .....    |   |         | 5,343 44 |

**STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc —Continued.**

PROVINCE OF NOVA SCOTIA—Continued.

|                         |  | \$ cts | \$ cts.  |
|-------------------------|--|--------|----------|
|                         | Brought forward .....                        |        | 5,343 44 |
|                         | <i>Economy.</i>                              |        |          |
| Dr. M. C. McLeod .....  | Attendance and medicine .....                |        | 4 00     |
|                         | <i>Five Islands.</i>                         |        |          |
| Dr. M. C. McLeod .....  | Attendance and medicine .....                | 13 00  |          |
| A. Y. Corbett .....     | Board, 5 weeks, at \$3.50 .....              | 17 50  | 30 50    |
|                         | <i>Great Bras d'Or.</i>                      |        |          |
| E. Livingstone .....    | Board, 13 weeks, at \$2.50 .....             |        | 32 50    |
|                         | <i>Guysborough.</i>                          |        |          |
| Dr. G. E. Buckley ..... | Attendance and medicine .....                |        | 6 00     |
|                         | <i>Harborville.</i>                          |        |          |
| Henry Morris .....      | Board, 12 weeks, \$2.50 .....                |        | 30 00    |
|                         | <i>Hantsport.</i>                            |        |          |
| Dr. J. M. Weeks .....   | Attendance and medicine .....                | 18 50  |          |
| Mrs. Miller .....       | Board, 10 weeks, at \$2.50 .....             | 25 00  | 43 50    |
|                         | <i>LaHave.</i>                               |        |          |
| Dr. D. O. Sanders ..... | Attendance and medicine .....                | 52 00  |          |
| James Bell .....        | Board, 5 weeks, at \$3 .....                 | 15 00  | 67 00    |
|                         | <i>Lunenburg Hospital.</i>                   |        |          |
| S. A. Rounsefell .....  | Medicines .....                              | 27 18  |          |
| Arthur Thurlow .....    | Board of patients, 50 weeks and 4 days ..... | 151 76 |          |
| do .....                | Wood, straw and lime .....                   | 7 65   |          |
| do .....                | Teaming coal .....                           | 7 15   |          |
| do .....                | Fittings for stove .....                     | 9 45   |          |
| do .....                | Wood .....                                   | 4 25   |          |
| do .....                | Salary as Keeper .....                       | 137 50 |          |
| Dr. S. Jacobs .....     | 12 months salary .....                       | 150 00 |          |
| J. E. Hunt & Co .....   | Coal .....                                   | 7 00   |          |
| L. Anderson & Co .....  | Coal and wood .....                          | 22 00  | 523 94   |
|                         | <i>Lockeport.</i>                            |        |          |
| Dr. J. S. Morton .....  | Attendance and medicine .....                | 28 25  |          |
| John McLean .....       | Board, 15 weeks, at \$3.50 .....             | 52 50  | 80 75    |
|                         | <i>Liverpool.</i>                            |        |          |
| Sophy Munro .....       | Board, 2 weeks, at \$3.50 .....              | 7 00   |          |
| Ruth Sabeau .....       | do 2 do .....                                | 7 00   |          |
|                         | Carried forward .....                        | 14 00  | 6,161 63 |

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

|                            |   | \$ cts. | \$ cts.  |
|----------------------------|---|---------|----------|
|                            | Brought forward.....  | 14 00   | 6,161 63 |
|                            | <i>Liverpool—Concluded.</i>   |         |          |
| Sophia Freelock.....       | Board, 3 weeks at \$3.50 .....  | 10 50   |          |
| Lucy Warman.....           | do 2 do .....   | 7 00    |          |
| Mary Neal.....             | do 5 do .....   | 17 50   |          |
| Sarah Head.....            | do 9 do .....   | 31 50   |          |
| J. H. Garhatt.....         | do 8 do .....   | 28 00   |          |
| Lucy Grass.....            | do 2 do .....   | 7 00    |          |
| Adelaide Hilton.....       | do 2½ do .....  | 11 42   |          |
| Str. Edgar Stewart.....    | Conveyance.....   | 3 00    |          |
| Dr. H. G. Favish.....      | Salary, 15 months .....   | 125 00  | 254 92   |
|                            | <i>Louisburg.</i>   |         |          |
| Dr. D. A. McDonald.....    | Attendance and medicine.....  |         | 17 85    |
|                            | <i>Margaree.</i>  |         |          |
| Dr. A. R. McLean.....      | Attendance and medicine.....  |         | 33 00    |
|                            | <i>North Sydney.</i>  |         |          |
| Copeland & Co.....         | Medicines.....  | 71 30   |          |
| James Collins.....         | Board, 6 weeks and 3 days, at \$9.....                                  | 57 86   |          |
| Dr. H. J. McPherson.....   | 12 months salary.....   | 300 00  | 429 16   |
|                            | <i>Northport.</i>   |         |          |
| Dr. J. G. Campbell.....    | Attendance and medicine.....  |         | 7 30     |
|                            | <i>Pictou Hospital.</i>   |         |          |
| James Rice.....            | Board, 33 weeks, at \$5 .....   | 165 00  |          |
| do.....                    | do 7 days, at \$1.....  | 7 00    |          |
| Dr. J. McMillan.....       | Salary.....   | 400 00  |          |
| P. Peterson.....           | Allowance to pay passage from Liverpool, England<br>to Copenhagen ..... | 9 73    |          |
| Isaac Grant.....           | Clothing.....   | 3 50    |          |
| D. McDonald.....           | Cab hire.....   | 0 75    |          |
| Intercolonial Railway..... | Conveyance.....   | 2 12    |          |
| W. J. Lorraine.....        | Furnishing supplies.....  | 341 28  | 929 38   |
|                            | <i>Parrsboro'.</i>  |         |          |
| Dr. H. P. Clay.....        | Attendance and medicine.....  | 116 35  |          |
| Dr. A. T. Clarke.....      | do .....  | 113 75  |          |
| Dr. A. J. Townshend.....   | do .....  | 22 00   |          |
| D. M. Pettis.....          | Board, 8 days, at 50c.....  | 4 00    |          |
| do.....                    | Conveyance.....   | 1 00    |          |
| Chas. Canning.....         | Board, 3 weeks, at \$2.....   | 6 00    |          |
| Dr. A. G. Atkinson.....    | Attendance and medicine.....  | 62 50   |          |
| T. D. Dickson.....         | Board, 5 days, at \$1.....  | 5 00    |          |
|                            |   |         | 330 60   |
|                            | Carried forward.....  |         | 8,163 84 |



STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF NOVA SCOTIA—*Continued.*

|                                  |  | \$ cts. | \$ cts.  |
|----------------------------------|--|---------|----------|
| Brought forward .....            |  |         | 8,163 84 |
| <i>Port George.</i>              |  |         |          |
| Dr. S. N. Miller.....            | Attendance and medicine.....   | 14 00   |          |
| R. D. Weaver.....                | Board, 13 weeks, at \$2.50.....  | 32 50   | 46 50    |
| <i>Port Mulgrave.</i>            |  |         |          |
| Robt. Delaney .....              | Salary, 1st to 17th July, 1883.....  | 4 72    |          |
| Dr. A. P. Macdonald.....         | do 1 year.....   | 160 00  |          |
| James Purcell.....               | Rent, building, from 1st July, 1882, to 31st May, 1884                           | 82 50   |          |
| A. Murray .....                  | Salary as Keeper, 17 days, 17th Aug. to 2nd Sept...                              | 4 72    |          |
| do .....                         | Board, patients, 1 week 2 days, at \$3. ....                                     | 3 86    | 195 80   |
| <i>Port Hawkesbury Hospital.</i> |  |         |          |
| J. A. Campbell.....              | Furniture.....   | 10 29   |          |
| H. W. Embree & Son.....          | Painting sign.....   | 3 00    |          |
| Alex. Murray.....                | Removing furniture.....  | 8 00    |          |
| Dr. P. A. Macdonald.....         | Medicines.....   | 21 26   |          |
| John Harding.....                | Board, patients, 24 weeks, at \$3.50.....  | 84 50   |          |
| do .....                         | Salary as Keeper, from 1st September, 1883, to 30th<br>June, 1884—10 months..... | 83 33   | 210 37   |
| <i>Port Caledonia.</i>           |  |         |          |
| Dr. R. A. H. MacKeen....         | Attendance and medicine.....   |         | 18 00    |
| <i>Port Gilbert.</i>             |  |         |          |
| Dr. H. A. Ellisen .....          | Attendance and medicine.....   | 22 00   |          |
| James Langdale.....              | Board, 2 weeks.....  | 6 00    | 28 00    |
| <i>Pugwash.</i>                  |  |         |          |
| Dr. D. Mackintosh .....          | Attendance and medicine.....   |         | 24 00    |
| <i>Pubnico.</i>                  |  |         |          |
| Dr. W. G. Barton.....            | Attendance and medicine.....   |         | 23 05    |
| <i>Ratchford's River.</i>        |  |         |          |
| Dr. A. T. Clarke.....            | Attendance and medicine.....   | 15 00   |          |
| Mrs. J. W. Melton.....           | Board, 5 weeks, at \$3.....  | 15 00   | 30 00    |
| <i>River John.</i>               |  |         |          |
| Dr. J. R. Colley .....           | Attendance and medicine.....   | 29 00   |          |
| Mrs. A. McDonald.....            | Board, 10 weeks 1 day, at \$3.....   | 30 41   | 59 41    |
| Carried forward.....             |  |         | 8,798 97 |

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF NOVA SCOTIA—*Continued.*

|                           |  | \$ cts. | \$ cts.   |
|---------------------------|--|---------|-----------|
| Brought forward.....      |  |         | 8,798 97  |
| <i>Sydney Hospital.</i>   |  |         |           |
| K. Campbell & Co. ....    | Medicines .....                                      | 107 28  |           |
| Burchell Bros. ....       | Freight and wharfage on medicines.....               | 1 68    |           |
| Dr. A. D. MacGillvary...  | Salary .....   | 300 00  |           |
| Dr. M. A. McDonald .....  | Attendance and medicine.....                         | 13 50   |           |
| John E. Woodell.....      | Brandy.....  | 11 25   |           |
| S. Muggah.....            | Board, patients, 1,195½ days, at 43c.....            | 514 15  |           |
| do .....                  | Straw and cleaning drain.....                        | 2 50    |           |
| do .....                  | Under clothing .....                                 | 12 00   |           |
| do .....                  | Making bed clothing.....                             | 6 40    |           |
| do .....                  | Burial expenses.....                                 | 16 00   |           |
| do .....                  | Salary.....  | 250 00  |           |
|                           |  |         | 1,234 76  |
| <i>St. Mary's.</i>        |  |         |           |
| Dr. A. F. Falconer.....   | Attendance and medicine.....                         |         | 17 50     |
| <i>Sheet Harbour.</i>     |  |         |           |
| Dr. Finlay McMillan.....  | Attendance and medicine.....                         |         | 45 00     |
| <i>Tiverton.</i>          |  |         |           |
| Dr. G. T. Bingay.....     | Attendance and medicine.....                         |         | 47 00     |
| <i>Thorn's Cove.</i>      |  |         |           |
| Dr. J. A. Coleman.....    | Attendance and Medicine.....                         | 257 75  |           |
| W. E. Ryder.....          | Board, 2 weeks and 3 days, at \$4.....               | 9 72    |           |
| C. McWhinney.....         | do and nursing, 3 weeks.....                         | 9 00    |           |
| Hugh Jackson .....        | do 7 weeks, at \$3.....                              | 21 00   |           |
| L. Anthony.....           | do 3 do \$2.50.....                                  | 7 50    |           |
|                           |  |         | 304 97    |
| <i>Windsor.</i>           |  |         |           |
| Dr. D. J. Fraser.....     | Attendance and medicine.....                         | 34 00   |           |
| Edward O'Brien .....      | Provisions and nursing .....                         | 39 44   |           |
|                           |  |         | 73 44     |
| <i>Weymouth.</i>          |  |         |           |
| Dr. B. C. Dunham .....    | Attendance and medicine.....                         | 25 00   |           |
| Dr. H. D. Ruggles .....   | do .....   | 25 15   |           |
| Dr. H. A. Ellison .....   | do .....   | 8 00    |           |
| P. O. Godet .....         | Board, 3 weeks, at \$3.....                          | 9 00    |           |
| Abner Warner .....        | do 16 do .....                                       | 48 00   |           |
| Chas. Fitzgerald.....     | do 2 do .....  | 6 00    |           |
|                           |  |         | 121 15    |
| <i>Yarmouth Hospital.</i> |  |         |           |
| Dr. A. M. Perrin.....     | Salary, 1 year .....                                 | 112 50  |           |
| A. C. Hutchinson.....     | Medicines .....                                      | 7 75    |           |
| J. N. LeCain .....        | Board of patients, 68 weeks and one day, at \$3..... | 204 44  |           |
| O. C. Richards.....       | Medicines .....                                      | 12 90   |           |
| Carried forward .....     |  | 337 59  | 10,642 79 |

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF NOVA SCOTIA—*Continued.*

|                           |  | \$ cts. | \$ cts.   |
|---------------------------|--|---------|-----------|
|                           | Brought forward.....                       | 337 59  | 10,642 79 |
|                           | <i>Yarmouth Hospital—Concluded.</i>        |         |           |
| J. N. LeCain.....         | Cleaning patient .....                     | 5 00    |           |
| W. H. Moody.....          | Board, 2 days, at \$1.....                 | 2 00    |           |
| Western Counties R'y..... | Conveyance.....                            | 3 50    |           |
|                           |  |         | 348 09    |
|                           | <i>Miscellaneous.</i>                      |         |           |
| Intercolonial Railway.... | Conveyance of sick seamen.....             |         | 9 12      |
|                           |  |         | 11,000 00 |
|                           | DISTRESSED AND SHIPWRECKED SEAMEN.         |         |           |
|                           | <i>Conveyance and Subsistence.</i>         |         |           |
| J. R. Hire.....           | 2 men ex "Kate" .....                      | 12 41   |           |
| John Troop.....           | 1 man ex "Phoenix" .....                   | 5 60    |           |
| E. Atwood.....            | do "Corinne" .....                         | 1 09    |           |
| Gilbert Shaw.....         | 4 men ex "Emma" .....                      | 17 52   |           |
| Sailors' Home.....        | 1 man ex "Dominion" .....                  | 4 70    |           |
| do.....                   | do "Corinne" .....                         | 2 72    |           |
| do.....                   | do "P. Walsh" .....                        | 3 62    |           |
| do.....                   | do "Maria" .....                           | 4 50    |           |
| do.....                   | 3 men ex "Alice May" .....                 | 8 16    |           |
| do.....                   | 1 man ex "Artos" .....                     | 5 70    |           |
| do.....                   | 5 men ex "Kezia" .....                     | 15 30   |           |
| Hugh Wylie.....           | 4 do "Carnira" .....                       | 8 76    |           |
| J. Morrissey.....         | 1 man ex "Clyde" .....                     | 3 65    |           |
| J. Mooney.....            | do "Avon" .....                            | 3 65    |           |
| J. P. Kinney.....         | Crew ex "Adna" .....                       | 36 00   |           |
| C. W. Clements.....       | 3 men ex "Bessie Curry" .....              | 20 81   |           |
| do.....                   | do "Clio" .....                            | 4 38    |           |
| do.....                   | 4 do "A. M. Payne" .....                   | 5 84    |           |
| Seth Nickerson.....       | 2 do "Brothers" .....                      | 4 00    |           |
| Randal Wolf.....          | 4 do "Varuna" .....                        | 18 98   |           |
| T. C. Roberts.....        | 3 do "Lavenia Elizabeth" .....             | 12 00   |           |
| R. McDonald.....          | 4 do "Guelph" .....                        | 51 15   |           |
| Wm. Richardson.....       | 4 do "Alice May" .....                     | 8 76    |           |
| J. N. Hurst.....          | 5 do "Guelph" .....                        | 36 50   |           |
| D. McDonald.....          | Crews ex "Kezia" and "J. W. Mullock" ..... | 18 76   |           |
| D. McDonald.....          | 3 men ex "Alice" .....                     | 7 59    |           |
| R. Carruthers.....        | 1 man ex "Artos" .....                     | 2 92    |           |
| D. Murray, jun.....       | Crew ex "Angus Grant" .....                | 51 00   |           |
| do.....                   | 2 men ex "Mary Alice" .....                | 9 30    |           |
| Ed. Burrell.....          | 3 do "E. Smith" .....                      | 7 67    |           |
| S. Cunard & Co.....       | 1 man.....                                 | 1 46    |           |
| S. R. Giffin.....         | 2 men ex "Oread" .....                     | 10 00   |           |
| Wm. Morris.....           | 1 man ex "Lorne" .....                     | 6 21    |           |
| Fishwicks Express.....    | 2 men ex "Kate" .....                      | 7 00    |           |
| do.....                   | 1 man ex "Maggie Glen" .....               | 4 75    |           |
| do.....                   | do "Augustus Muir" .....                   | 4 25    |           |
| do.....                   | do "Alpha" .....                           | 3 75    |           |
| S. O. Crowell.....        | 3 men ex "Lorne" .....                     | 21 90   |           |
| do.....                   | 2 do "Ocean" .....                         | 11 68   |           |
| do.....                   | 1 man ex "Kildonan" .....                  | 5 84    |           |
| D. Sargent.....           | 4 men ex "Augustus Smith" .....            | 16 06   |           |
| W. A. Warren.....         | 1 man ex "Dottie" .....                    | 2 92    |           |
| F. D. Corbett.....        | do "A. C. Memac" .....                     | 9 75    |           |
| M. Bourinot.....          | 3 men ex "Queen of East" .....             | 15 00   |           |
|                           | Carried forward.....                       | 513 61  |           |

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF NOVA SCOTIA—*Concluded.*

|  |   | \$ cts. | \$ cts.  |
|--|---|---------|----------|
| Brought forward .....                        |   | 513 61  | .....    |
| <i>Conveyance and Subsistence—Concluded.</i> |   |         |          |
| S. G. Dunn .....                             | 1 man ex "Orange Grove" .....   | 4 50    |          |
| S. W. Crowell .....                          | do "Premier" .....  | 2 92    |          |
| Saml. Starwood .....                         | 2 men ex "Geo. Calhoan" .....   | 2 92    |          |
| do .....                                     | 1 man ex "Jas. Watson" .....  | 1 46    | 525 41   |
| <i>Subsistence.</i>                          |   |         |          |
| A. McDonald .....                            | Crew ex "Erin" .....  | 25 00   |          |
| A. D. Castonguay .....                       | 4 men ex "Guelph" .....   | 5 17    |          |
| D. McDonald .....                            | 5 do "Keria" .....  | 1 50    |          |
| Sailors' Home .....                          | 1 man ex "Longhurst" .....  | 4 80    |          |
| do .....                                     | 3 men ex "J. W. Mulloch" .....  | 1 80    |          |
| do .....                                     | 5 do "Guelph" .....   | 5 00    |          |
| do .....                                     | 1 man ex "L. A. Martiney" .....   | 1 20    |          |
| do .....                                     | do "C. A. Mema" .....   | 6 50    |          |
| Albert Blehr & Co .....                      | Crew ex "Ethel Blanche" .....   | 25 20   | 76 17    |
| <i>Conveyance.</i>                           |   |         |          |
| J. A. Tory .....                             | 3 men ex "Ripple" .....   | 20 00   |          |
| D. Murray, jun .....                         | 3 do "M. B. Banks" .....  | 8 00    |          |
| Sailors' Home .....                          | 9 do "Guelph" .....   | 85 68   |          |
| I. C. Railway .....                          | 1 man ex "Enemain" .....  | 2 28    |          |
| Noonan & Davies .....                        | 5 men ex "I. N. A." .....   | 7 50    |          |
| H. A. Forbes .....                           | 3 do "Alpheta" .....  | 22 80   |          |
| J. W. Young .....                            | 2 men Canso to Halifax .....  | 9 50    | 155 76   |
| <i>Clothing.</i>                             |   |         |          |
| Sailors' Home .....                          | 2 men ex "Kate" .....   | 28 00   |          |
| do .....                                     | 5 do "Guelph" .....   | 29 75   |          |
| do .....                                     | 1 man ex "L. A. Martiney" .....   | 6 50    |          |
| W. H. Moody .....                            | Crew ex "Yarmouth" .....  | 110 00  | 174 25   |
| <i>Subsistence, Conveyance, Clothing.</i>    |   |         |          |
| R. McDonald .....                            | 2 men ex "Oread" .....  | 23 40   |          |
| A. G. Hamilton .....                         | Crew ex "Ethel Blanche" .....   | 48 41   | 71 81    |
| <i>Miscellaneous.</i>                        |   |         |          |
| Major F. Fereday .....                       | Services to survivors crew SS. "Daniel Steinman,"<br>at Sambro Island ..... |         | 3 02     |
| Total .....                                  |   |         | 1,036 42 |

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF NEW BRUNSWICK.

|                             |  | \$    | cts. | \$    | cts.     |  |
|-----------------------------|--|-------|------|-------|----------|--|
| <b>MARINE HOSPITALS.</b>    |  |       |      |       |          |  |
| <i>Bathurst.</i>            |  |       |      |       |          |  |
| Jas. Lusk .....             | Boarding seamen, 484 days, at 50c.....   | 242   | 00   |       |          |  |
| do .....                    | 10 galls. oil, \$4; grate and iron work, \$4; repairs to stove, 50c.....                                 |       |      | 8     | 50       |  |
| do .....                    | Fuel and oil .....   | 47    | 75   |       |          |  |
| Dr. G. W. Duncan .....      | 12 months salary as Physician .....  | 100   | 00   |       |          |  |
| do .....                    | Medicine .....   | 23    | 75   |       |          |  |
| H. & H. A. McCullough ..... | Lime, glue, whitewash and blankets.....  | 34    | 47   |       |          |  |
| H. J. O'Brien .....         | Printing blank forms .....   | 2     | 50   |       |          |  |
| John Ferguson.....          | Commission on \$471.97, \$47.20; cash advance to seamen, \$13.....                                       | 60    | 20   |       |          |  |
|                             |  |       |      |       | 519 17   |  |
| <i>Dalhousie.</i>           |  |       |      |       |          |  |
| Wm. Montgomery.....         | Medical attendance and board.....  |       |      |       | 50 80    |  |
| <i>Kent.</i>                |  |       |      |       |          |  |
| W. A. Barnes .....          | 12 months salary as Keeper .....   | 300   | 00   |       |          |  |
| L. B. Botsford .....        | do Physician.....  | 560   | 00   |       |          |  |
| Rev. Jas. Spencer .....     | do Chaplain .....  | 100   | 00   |       |          |  |
| W. S. Harding.....          | do Physician at Pest-house.....  | 100   | 00   |       |          |  |
| Gas Light Co. ....          | 12 months gas bill .....   | 163   | 04   |       |          |  |
| Campbell & Ellis. ....      | Stovepipe and labour .....   | 29    | 89   |       |          |  |
| John Chaloner.....          | Drugs and medicine.....  | 64    | 46   |       |          |  |
| W. A. Barnes.....           | Boarding seamen, 688 weeks and 1 day, \$2,665.07; housing coal, \$40.50 .....                            | 2,105 | 19   |       |          |  |
| D. F. Coleman .....         | Removing eye of seaman.....  | 10    | 00   |       |          |  |
| F. Beverley.....            | Tinware .....  | 31    | 45   |       |          |  |
| A. C. Smith .....           | Water rates .....  | 66    | 00   |       |          |  |
| "Sun" Publishing Co ...     | Subscription to paper and advertising.....   | 10    | 00   |       |          |  |
| M. N. Powers.....           | Hearse hire .....  | 6     | 00   |       |          |  |
| Daniel Rogan.....           | Repairing wall.....  | 6     | 00   |       |          |  |
| R. P. McGivern .....        | Coal—194 chaldron coal, at \$6.10, \$118.95; 28 tons and 898 lbs., at \$6, \$170.64; cartage, \$13 30... | 202   | 89   |       |          |  |
| Geo Wilson.....             | Cordwood and carting .....   | 73    | 80   |       |          |  |
| Jardine & Co.....           | Groceries .....  | 16    | 34   |       |          |  |
| A. C. Bowes & Co.....       | Stovepipe and repairs .....  | 8     | 85   |       |          |  |
| Jas. Bell.....              | Repairing sashes .....   | 52    | 60   |       |          |  |
| Robt. A. Moore.....         | Labour putting on sashes .....   | 20    | 00   |       |          |  |
| S. McDiarmid.....           | Drugs and medicine .....   | 111   | 24   |       |          |  |
| H. Robertson .....          | Crockery ware .....  | 4     | 00   |       |          |  |
| L. McLaren .....            | Consultation fee .....   | 5     | 00   |       |          |  |
| Barnes & Co.....            | Stationery .....   | 9     | 95   |       |          |  |
| Armstrong Bros .....        | Casting .....  | 1     | 00   |       |          |  |
| St. John Rural Cemetery.    | Labour .....   | 43    | 00   |       |          |  |
| Macauley Bros & Co .....    | Table cloth and towels .....   | 12    | 42   |       |          |  |
| John Carson .....           | Removing ashes .....   | 2     | 50   |       |          |  |
| Bridget McAuley.....        | Cleaning hospital .....  | 5     | 10   |       |          |  |
| Catherine Doherty.....      | do .....   | 4     | 00   |       |          |  |
|                             |  |       |      |       | 4,226 22 |  |
| <i>Miramichi.</i>           |  |       |      |       |          |  |
| John Gallagher.....         | Boarding seamen, 729 days, at 40c. per day.....  | 291   | 60   |       |          |  |
| do .....                    | do 847 days, at \$3 per week.....  | 358   | 92   |       |          |  |
| do .....                    | Firewood, coal, cleaning hospital and oatmeal.....   | 110   | 16   |       |          |  |
| John Thompson .....         | 9 months salary as Physician.....  | 300   | 00   |       |          |  |
| Carried forward .....       |  |       |      | 1,050 | 68       |  |
|                             |  |       |      |       | 4,795 19 |  |

## STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

## PROVINCE OF NEW BRUNSWICK—Continued.

|                                    |   | \$    | cts. | \$    | cts. |
|------------------------------------|---|-------|------|-------|------|
| Brought forward .....              |   | 1,060 | 68   | 4,796 | 19   |
| <b>MARINE HOSPITALS—Continued.</b> |   |       |      |       |      |
| <i>Miramichi—Concluded.</i>        |   |       |      |       |      |
| J. S. Benson.....                  | 3 months salary as Physician.....                           | 100   | 00   |       |      |
| John Gallagher.....                | 12 do Keeper.....   | 181   | 94   |       |      |
| Jas. Doyle.....                    | Coffin and funeral expenses .....                           | 14    | 00   |       |      |
| Wm. Masson.....                    | Carting coal and matches.....                               | 77    | 16   |       |      |
| Geo. Mitchell.....                 | Building fence .....  | 85    | 00   |       |      |
| Jas. A. Fish.....                  | 35 cedar posts, at 20c. each .....                          | 7     | 00   |       |      |
| W. & J. Anslow .....               | Printing forms .....  | 7     | 75   |       |      |
| A. L. Street.....                  | Medicine .....  | 54    | 28   |       |      |
| T. B. Barker & Sons .....          | Drugs .....   | 86    | 33   |       |      |
| J. B. D. F. McKenzie.....          | Medicine .....  | 52    | 85   |       |      |
| Robert Bain .....                  | 2 bed pans.....   | 4     | 00   |       |      |
| W. S. Loggie.....                  | Feeding bottles .....                                       | 0     | 75   |       |      |
|                                    |   |       |      | 1,731 | 74   |
| <i>Richibucto.</i>                 |   |       |      |       |      |
| J. W. Doherty .....                | 12 months salary as Physician.....                          | 200   | 00   |       |      |
| do .....                           | Medical attendance.....                                     | 4     | 00   |       |      |
| Elize E. Rhodes .....              | 12 months salary as Matron.....                             | 150   | 00   |       |      |
| do .....                           | Straw.....  | 3     | 00   |       |      |
| do .....                           | Boarding seamen, 20 weeks and 1 day, at \$3 .....           | 60    | 43   |       |      |
|                                    |   |       |      | 417   | 43   |
| <i>Sheiac.</i>                     |   |       |      |       |      |
| Joseph A. Leger .....              | 12 months salary as Physician .....                         |       |      | 200   | 00   |
| <i>Sackville.</i>                  |   |       |      |       |      |
| Isaac Crocker .....                | 12 months salary as Keeper .....                            | 150   | 80   |       |      |
| do .....                           | Burying seamen .....  | 8     | 35   |       |      |
| do .....                           | Repairing window.....                                       | 1     | 00   |       |      |
| do .....                           | Boarding seamen, 35 weeks and 5 days, at \$3 per week ..... | 106   | 83   |       |      |
| L. B. Botsford .....               | 9 months salary as Physician .....                          | 112   | 50   |       |      |
| J. E. Hickey.....                  | Room paper and towels.....                                  | 5     | 01   |       |      |
| John Ford.....                     | Furnishing coffin.....                                      | 2     | 25   |       |      |
| G. B. Estabrook.....               | 1 bottle brandy .....                                       | 1     | 10   |       |      |
| H. S. Trueman.....                 | Medical attendance.....                                     | 34    | 00   |       |      |
|                                    |   |       |      | 421   | 04   |
| <i>St. Andrews.</i>                |   |       |      |       |      |
| Charlotte Coates.....              | Oil and towels.....   | 1     | 85   |       |      |
| do .....                           | Cutting cordwood.....                                       | 5     | 20   |       |      |
| do .....                           | do .....  | 2     | 50   |       |      |
| do .....                           | 6 months salary as Matron.....                              | 104   | 00   |       |      |
| S. T. Gove.....                    | Postage, stationery and cordwood.....                       | 24    | 28   |       |      |
| do .....                           | 12 months salary as Physician.....                          | 200   | 00   |       |      |
| do .....                           | 3 months salary for Matron.....                             | 52    | 00   |       |      |
| do .....                           | Paint, oil, paraffine and repairs .....                     | 7     | 75   |       |      |
| do .....                           | Coal, lumber and paper.....                                 | 51    | 78   |       |      |
| Charlotte Coates.....              | 75 weeks and 1 day boarding seamen .....                    | 113   | 56   |       |      |
| Ellen McCurdy.....                 | 3 months salary as matron .....                             | 52    | 00   |       |      |
| Thos. McCracken.....               | Labour painting.....  | 35    | 00   |       |      |
| Street & Co .....                  | Paint and oil.....  | 55    | 48   |       |      |
| Carried forward .....              |   | 705   | 38   | 7,566 | 40   |

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF NEW BRUNSWICK—*Continued.*

|                           |   | \$ cts. | \$ cts.  |
|---------------------------|---|---------|----------|
|                           | Brought forward .....                                 | 705 33  | 7,566 40 |
|                           | MARINE HOSPITALS— <i>Continued.</i>                   |         |          |
|                           | <i>St. Andrews</i> —Concluded.                        |         |          |
| E. S. Polleys .....       | Paint and putty .....                                 | 11 50   |          |
| Jas. Scallion .....       | Cordwood and truckage .....                           | 8 80    |          |
| John Brownrigg .....      | Carting coal .....                                    | 2 00    |          |
| Robinson & Glenn .....    | Hard coal .....                                       | 48 74   | 776 42   |
|                           | <i>Moncton.</i>                                       |         |          |
| R. R. Steeves .....       | Medical attendance on John Burnett .....              |         | 100 00   |
|                           | <i>Campbellton.</i>                                   |         |          |
| Victor J. A. Venner ..... | Medical attendance .....                              |         | 18 25    |
|                           | SHIPWRECKED AND DISTRESSED SEAMEN.                    |         |          |
| J. S. May .....           | Clothing for seamen, "A. B. Baxter" and "Adria" ..... | 28 00   |          |
| Stephen Duene .....       | Passage of 2 seamen, "Barbadoes" .....                | 14 40   |          |
| Robt. Brown .....         | Boarding seamen, "A. B. Baxter" .....                 | 8 00    |          |
| F. E. Hannington .....    | Passage of seamen to Charlottetown .....              | 8 56    |          |
| W. J. O'Brien .....       | do "Ad-laide" .....                                   | 28 02   |          |
| L. Fossard .....          | Medical attendance .....                              | 17 00   |          |
| T. Blanchard .....        | Boarding Daniel Peeples .....                         | 20 00   |          |
| Eugene Blanchard .....    | Coffin for do .....                                   | 4 00    |          |
| Blair Carter .....        | Passage of seamen to St. John .....                   | 27 59   |          |
| Robt. Rivers .....        | Boarding 6 seamen .....                               | 17 00   |          |
| J. F. Watson .....        | Passage of 2 seamen from Boston .....                 | 9 36    |          |
| D. Bridges .....          | Boarding 2 seamen .....                               | 7 50    |          |
| F. Pheasant .....         | Passage of seamen .....                               | 6 93    |          |
| R. C. Ruddick .....       | Attendance and passage, seaman Tufts .....            | 25 50   |          |
| R. Steeves .....          | do do Martell .....                                   | 50 00   |          |
| Robt. Godfrey .....       | Boarding seaman Martell .....                         | 22 35   |          |
| E. C. Cole .....          | Clothing do .....                                     | 8 25    |          |
| P. S. Enman .....         | Medicine do .....                                     | 12 50   |          |
| F. E. W. Pouliot .....    | Medical attendance and medicine .....                 | 48 50   |          |
| D. W. Smith .....         | Passage of seamen "Bgte. Sea Breeze" .....            | 10 50   |          |
| Geo. Philips .....        | do .....  | 26 71   |          |
| Mrs. S. McFadden .....    | Boarding seamen .....                                 | 7 00    |          |
| F. McInnis .....          | Passage of 4 seamen .....                             | 13 00   |          |
| T. Wooster .....          | Clothing and passage of seamen "Ssa Breeze" .....     | 81 90   |          |
| Albert Day .....          | 32 days sustenance, Milton Barnes .....               | 11 52   |          |
| W. J. S. Leasse .....     | Boarding seamen, steamer "City of St. John" .....     | 40 20   |          |
| H. W. Chisholm .....      | Passage of 2 seamen to Boston .....                   | 6 50    |          |
| E. Harris .....           | do St. John .....                                     | 12 25   | 572 92   |

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF PRINCE EDWARD ISLAND.

|                                    |  | \$  | cts.  | \$ | cts.     |
|------------------------------------|--|-----|-------|----|----------|
| <i>Charlottetown.</i>              |  |     |       |    |          |
| The Grey Nuns.....                 | 12 months allowance for medical attendance .....                   | 400 | 00    |    |          |
| do .....                           | Boarding 17 patients 42 weeks at \$5.00.....                       | 210 | 00    |    |          |
|                                    |  |     |       |    | 610 00   |
| OUTPORTE, P.E.I.                   |  |     |       |    |          |
| Dr. R. McNeil.....                 | Medical attendance, New London .....                               | 10  | 75    |    |          |
| Dr. Freeman.....                   | do Crapaud .....   | 3   | 00    |    |          |
| Dr. W. H. Robertson.....           | do do .....  | 52  | 00    |    |          |
| J. G. McDonald.....                | 12 months salary as Keeper, Souris .....                           | 200 | 00    |    |          |
| do .....                           | Boarding sick seamen 6 weeks and 9 days at \$3.00,<br>Souris ..... |     | 20 50 |    |          |
| Dr. E. P. Ford.....                | Medical attendance, Souris.....                                    | 43  | 75    |    |          |
| Matthew, McLean & Co.              | Repairs to chimney do .....  | 21  | 37    |    |          |
| Dr. H. F. Jervis.....              | 12 months salary, Summerside.....                                  | 150 | 00    |    |          |
| J. A. Gourlie.....                 | Medicine do .....  | 4   | 00    |    |          |
| J. B. Schurman.....                | Boarding sick seamen do .....                                      | 5   | 00    |    |          |
| J. A. McCallum.....                | Medicine, Montague.....  | 23  | 78    |    |          |
| Dr. J. G. Robertson.....           | Medical attendance, Montague .....                                 | 5   | 00    |    |          |
| Dr. A. A. Long.....                | do Port Hill .....   | 9   | 00    |    |          |
| Dr. J. C. McEwan.....              | do Georgetown .....  | 19  | 48    |    |          |
| J. Hilchey.....                    | Boarding sick seamen 5 weeks and 4 days at \$3 00.                 | 17  | 00    |    |          |
| Dr. W. Kerr.....                   | Medical attendance, Malpéque.....                                  | 3   | 25    |    |          |
|                                    |  |     |       |    | 592 46   |
| SHIPWRECKED AND DISTRESSED SEAMEN. |  |     |       |    |          |
|                                    |  |     |       |    | 1,202 46 |
| Simon Bolger.....                  | Boarding 5 men 1 day.....  | 3   | 75    |    |          |
| M. Foley.....                      | Passage do .....   | 20  | 00    |    |          |
|                                    |  |     |       |    | 23 75    |

PROVINCE OF BRITISH COLUMBIA.

|                         |   | \$ | cts.     | \$ | cts.     |
|-------------------------|---|----|----------|----|----------|
| MARINE HOSPITALS.       |   |    |          |    |          |
| T Wood.....             | 12 months salary as Keeper.....                           | \$ | 499 92   |    |          |
| do .....                | Boarding 99 patients 244 weeks and 5<br>days at 5.00..... |    | 1,223 50 |    |          |
| do .....                | Washing, etc.....   |    | 94 00    |    |          |
|                         |   |    |          |    | 1,817 42 |
| J. C. Davis, M.D.....   | 12 months salary, Victoria.....                           |    | 300 00   |    |          |
| G. Lawrence.....        | 16 loads of water.....                                    |    | 22 50    |    |          |
| Thos. Storey.....       | Burial, J. Thompson and P. Nelson.....                    |    | 70 00    |    |          |
| Chas. Hayward.....      | do J. Yates.....  |    | 35 00    |    |          |
| Langley & Co.....       | Drugs, etc.....   |    | 56 50    |    |          |
| Sisters of St. Ann..... | Board, etc., A. Churchill, ex "Miako".....                |    | 156 84   |    |          |
| De Wiederhold & Co..... | ½ ton coal.....   |    | 2 50     |    |          |
| S. L. Kelly & Co.....   | Coal hod, etc.....  |    | 3 50     |    |          |
| J. Smith.....           | Cleaning chimneys .....                                   |    | 3 50     |    |          |
| Hell & Co.....          | Brandy.....   |    | 39 50    |    |          |
| J. Weiler.....          | Chairs, mattresses, etc.....                              |    | 25 00    |    |          |
| A. & W. Wilson.....     | Repairs to water pipes, etc.....                          |    | 12 50    |    |          |
| Brown & Wilson.....     | Sheeting, blankets, etc.....                              |    | 67 25    |    |          |
| E. B. Marvin.....       | Paint, brooms, etc.....                                   |    | 19 20    |    |          |
| H. Saunders.....        | Brandy.....   |    | 3 75     |    |          |
| A. H. Peatt, jun.....   | 5 cords wood, cut and split.....                          |    | 32 50    |    |          |
| Geo. Stelly.....        | Making road, as per agreement .....                       |    | 350 00   |    |          |
| Carried forward.....    |   |    |          |    |          |



**STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Concluded.**

PROVINCE OF BRITISH COLUMBIA—*Continued.*

|                                     |  | \$    | cts. | \$ | cts. |
|-------------------------------------|--|-------|------|----|------|
| Brought forward .....               |  |       |      |    |      |
| MARINE HOSPITALS— <i>Concluded.</i> |  |       |      |    |      |
| T. N. Hibben & Co.....              | Stationery .....   | 2     | 75   |    |      |
| McKillican & Anderson.              | Material and labour on repairs.....  | 98    | 20   |    |      |
| R. Dunsmuir & Son.....              | 20 tons coal .....   | 90    | 00   |    |      |
| D. Cluness, M.D.....                | 12 months salary, Medical Officer, Nanaimo .....                                 | 300   | 00   |    |      |
| Sec'y Nanaimo Hospital              | Board, etc., C. Arleson, ship "Two Brothers".....                                | 125   | 76   |    |      |
| A. Masters, M.D .....               | Medical attendance, Nov. and Dec., 1881,<br>and Jan., 1882, Burrard's Inlet..... | \$122 | 50   |    |      |
| do .....                            | Salary, 1st July, to 31st December, 1884...                                      | 175   | 00   |    |      |
|                                     |  | 297   | 50   |    |      |
| D. B. Irving, M.D.....              | do 1st April to 30th June, 1884.....   | 87    | 50   |    |      |
| Dr. Garrow .....                    | do 10th January to 1st April, 1884.....  | 79    | 02   |    |      |
|                                     |  | 4,048 | 19   |    |      |

SUMMARY.

|                         |   |        |    |        |    |
|-------------------------|---|--------|----|--------|----|
| Ontario.....            | St. Catharines Hospital—Annual Grant.....   | 500    | 00 |        |    |
| do .....                | Kingston do do .....  | 500    | 00 |        |    |
|                         |   |        |    | 1,000  | 00 |
| Quebec.....             | Montreal General Hospital.....  | 1,174  | 50 |        |    |
| do .....                | Sick and Disabled Seamen.....   | 1,357  | 00 |        |    |
| do .....                | Shipwrecked and Distressed Seamen.....  | 621    | 19 |        |    |
|                         |   |        |    | 3,069  | 93 |
| Board of Trade, London. | To re-imburse Imperial Government for expenditure in behalf of wrecked Canadian Seamen..... |        |    | 918    | 56 |
| New Brunswick .....     | Marine Hospital and Sick Seamen.....  | 11,000 | 00 |        |    |
| do .....                | Shipwrecked and Distressed Seamen.....  | 1,006  | 42 |        |    |
|                         |   |        |    | 12,006 | 42 |
| Nova Scotia.....        | Marine Hospitals and Sick Seamen.....   | 8,461  | 07 |        |    |
| do .....                | Shipwrecked and Distressed Seamen.....  | 572    | 92 |        |    |
|                         |   |        |    | 9,033  | 99 |
| Prince Edward Island... | Marine Hospitals and Sick Seamen.....   | 1,202  | 46 |        |    |
| do .....                | Shipwrecked and Distressed Seamen .....   | 23     | 75 |        |    |
|                         |   |        |    | 1,226  | 21 |
| British Columbia.....   | Marine Hospitals and Sick Seamen.....   |        |    | 4,048  | 19 |
| Quebec.....             | Marine and Immigrant Hospital.....  | 20,000 | 00 |        |    |
|                         | LESS—Refund .....   | 9      | 66 |        |    |
|                         |   |        |    | 19,990 | 34 |
| Queen's Printer.....    | Stationery and Printing.....  |        |    | 15     | 24 |
|                         | Total.....  |        |    | 51,391 | 64 |

WM. SMITH,  
*Deputy Minister of Marine.*

F. GOURDEAU,  
*Acting Accountant.*

## APPENDIX No. 19

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Sick Mariners' Dues collected, for the Fiscal Year ended 30th June, 1884.

| <i>Quebec.</i>        | \$ cts.          | <i>Nova Scotia.</i>          | \$ cts.          |
|-----------------------|------------------|------------------------------|------------------|
| Gaspé.....            | 121 82           | Amherst.....                 | 485 92           |
| Magdalen Islands..... | 4 84             | Annapolis.....               | 207 34           |
| Montreal.....         | 2,970 28         | Antigonish.....              | 30 42            |
| New Carlisle.....     | 222 84           | Aricbat.....                 | 120 32           |
| Percé.....            | 49 96            | Baddeck.....                 | 83 94            |
| Quebec.....           | 11,584 64        | Barrington.....              | 17 44            |
| Rimouski.....         | 268 30           | Eridgetown.....              | 8 22             |
| St. Armand.....       | 5 10             | Cornwallis.....              | 41 12            |
| St. Johns.....        | 1,724 48         | Digby.....                   | 184 26           |
| Stanstead.....        | 18 50            | Guysboro'.....               | 133 72           |
| Three Rivers.....     | 397 72           | Halifax.....                 | 6,040 22         |
| <b>Total.....</b>     | <b>17,368 48</b> | Liverpool.....               | 118 56           |
|                       |                  | Lockeport.....               | 119 86           |
| <i>New Brunswick.</i> |                  | Londonderry.....             | 57 50            |
| Bathurst.....         | 495 42           | Lunenburg.....               | 414 05           |
| Campo Bello.....      | 25 66            | Margaretville.....           | 8 40             |
| Caraquet.....         | 102 60           | North Sydney.....            | 1,461 80         |
| Chatham.....          | 1,805 44         | Parisboro'.....              | 555 56           |
| Dalhousie.....        | 546 58           | Pictou.....                  | 751 68           |
| Dorchester.....       | 64 11            | Port Hawkesbury.....         | 79 80            |
| Hillsboro'.....       | 250 68           | Port Hood.....               | 2 76             |
| Moncton.....          | 53 60            | Port Medway.....             | 18 16            |
| Newcastle.....        | 1,578 66         | Shelburne.....               | 100 46           |
| Richibucto.....       | 428 70           | Sydney.....                  | 3,726 78         |
| Sackville.....        | 156 22           | Weymouth.....                | 99 30            |
| Shediac.....          | 172 94           | Windsor.....                 | 1,095 36         |
| Shippegan.....        | 5 37             | Yarmouth.....                | 256 38.          |
| St. Andrews.....      | 49 50            | <b>Total.....</b>            | <b>16,220 33</b> |
| St. George.....       | 17 94            |                              |                  |
| St. John.....         | 5,240 08         | <i>British Columbia.</i>     |                  |
| St. Stephens.....     | 47 14            | New Westminster.....         | 750 31           |
| <b>Total.....</b>     | <b>11,038 64</b> | Victoria.....                | 2,604 85.        |
|                       |                  | <b>Total.....</b>            | <b>3,355 16</b>  |
|                       |                  |                              |                  |
|                       |                  | <i>Prince Edward Island.</i> |                  |
|                       |                  | Charlottetown.....           | 570 34           |
|                       |                  | Summerside.....              | 114 12           |
|                       |                  | <b>Total.....</b>            | <b>684 46</b>    |

## RECAPITULATION.

|                           |                  |
|---------------------------|------------------|
| Quebec.....               | \$17,368 48      |
| New Brunswick.....        | 11,038 64        |
| Nova Scotia.....          | 16,220 33        |
| British Columbia.....     | 3,355 16         |
| Prince Edward Island..... | 684 46           |
| <b>Total.....</b>         | <b>48,667 07</b> |

F. GOURDEAU,  
Acting Accountant.

WM. SMITH,  
Deputy Minister of Marine.

## APPENDIX No. 20

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure in connection with the Meteorological Service, for the Fiscal Year ended 30th June, 1884.

| SALARIES.                  |   | \$    | cts. | \$     | cts. |
|----------------------------|---|-------|------|--------|------|
| <i>Central Office.</i>     |   |       |      |        |      |
| C. Carpmæl .....           | 12 months allowance for house rent .....  | 400   | 00   |        |      |
| A. R. Gerdon.....          | 12 months salary as Deputy Superintendent.....  | 1,200 | 00   |        |      |
| H. V. Payne.....           | do Assistant .....  | 800   | 00   |        |      |
| R. F. Stupart.....         | do do .....   | 800   | 00   |        |      |
| B. C. Webber.....          | do do .....   | 800   | 00   |        |      |
| F. F. Payne.....           | do do .....   | 550   | 00   |        |      |
| G. F. Hector.....          | do do .....   | 550   | 00   |        |      |
| R. F. Smyth.....           | do do .....   | 575   | 00   |        |      |
| J. Young.....              | do do .....   | 650   | 00   |        |      |
| J. W. Carroll.....         | do do .....   | 300   | 00   |        |      |
| W. A. Stewart.....         | do do .....   | 500   | 00   |        |      |
| T. Menzies.....            | do do .....   | 300   | 00   |        |      |
| W. F. Davison.....         | do do .....   | 470   | 00   |        |      |
| J. Lowther.....            | Salary from 1st Sept., 1883, to 30th April, 1884.....                                 | 104   | 00   |        |      |
| D. Murray.....             | 12 months salary .....  | 174   | 00   |        |      |
| J. L. Kinsman.....         | Salary from 1st July, 1883, to 7th June, 1884 .....                                   | 162   | 75   |        |      |
| E. Davis.....              | 12 months salary .....  | 126   | 00   |        |      |
| C. E. McGuire.....         | Salary from 1st to 31st July, 1883.....   | 10    | 00   |        |      |
| H. Hawthorne.....          | 12 months salary .....  | 126   | 00   |        |      |
| R. Teasdale.....           | Salary from 1st August, 1883, to 6th Dec., 1883.....                                  | 42    | 00   |        |      |
| F. N. Denison.....         | do 1st Dec., 1883, to 30th June, 1884.....  | 76    | 00   |        |      |
| Wm. Jno. Hetherington.     | do 1st to 30th June, 1884 .....   | 10    | 00   |        |      |
| Alfred Mandelsloh.....     | do 20th to 30th June, 1884.....   | 4     | 00   |        |      |
|                            |   |       |      | 8,739  | 75   |
| <i>Chief Stations.</i>     |   |       |      |        |      |
| Halifax.....               | A. Allison, \$400, assistance, \$340.....   | 740   | 00   |        |      |
| Sydney.....                | Thos. C. Hill, \$500 do 220 .....   | 720   | 00   |        |      |
| Fredericton.....           | Thos. Harrison, \$340 do 260 .....  | 600   | 00   |        |      |
| St. John, N.B.....         | Geo. Hutchinson, 12 months salary.....  | 999   | 99   |        |      |
| do .....                   | J. Drake do .....   | 579   | 98   |        |      |
| Quebec.....                | Col. W. H. Cotton do .....  | 800   | 00   |        |      |
| do .....                   | Thos Heatley do .....   | 210   | 00   |        |      |
| do .....                   | A. H. Walters, salary from 1st Jan., to 30th June, 1884 .....                         | 75    | 00   |        |      |
| Montreal.....              | C. H. McLeod, \$300, assistance, \$200.....   | 500   | 00   |        |      |
| Woodstock.....             | N. Wolverton, \$240 do 160.....   | 400   | 00   |        |      |
| Winnipeg.....              | The Bursar, St. John's College .....  | 800   | 00   |        |      |
| Regina.....                | Officer in command N.W.M.P., salary from 1st Dec., 1883, to 30th June, 1884.....      | 70    | 00   |        |      |
| New Westminster.....       | A. Piel, \$187 50, assistance, \$37.50, from 1st July, 1883, to 31st March, 1884..... | 225   | 00   |        |      |
|                            |   |       |      | 6,719  | 97   |
| <i>Telegraph Stations.</i> |   |       |      |        |      |
| Yarmouth.....              | F. E. Wilmot, \$300, assistance, \$100.....   | 400   | 00   |        |      |
| Bird Rocks.....            | T. Turbide, \$120 do 30 .....   | 150   | 00   |        |      |
| Grand Manan Island.....    | H. C. Seeley, \$120 do 30 .....   | 150   | 00   |        |      |
| Chatham, N.B.....          | G. A. Blair, \$300 do 132 .....   | 432   | 00   |        |      |
| Anticosti.....             | G. Pope, \$120 do 30 .....  | 150   | 00   |        |      |
| Father Point.....          | J. McWilliams, \$200 do 60 .....  | 260   | 00   |        |      |
|                            | Carried forward.....  | 1,542 | 00   | 15,459 | 72   |

STATEMENT of Expenditure in connection with the Meteorological Service,  
etc.—Continued.

|                                      |   | \$    | cts. | \$     | cts. |
|--------------------------------------|---|-------|------|--------|------|
|                                      | Brought forward .....   | 1,542 | 00   | 15,459 | 72   |
| <b>SALARIES.—Continued.</b>          |   |       |      |        |      |
| <i>Telegraph Stations—Concluded.</i> |   |       |      |        |      |
| Kingston .....                       | A. P. Knight, \$300 do 132 .....  | 432   | 00   |        |      |
| Port Stanley .....                   | M. Payne, \$300 do 132 .....  | 432   | 00   |        |      |
| Saugeen .....                        | K. Stewart, \$300 do 100 .....  | 400   | 00   |        |      |
| Parry Sound .....                    | R. Mosley, \$300, do 96 .....   | 396   | 00   |        |      |
| Rockliffe .....                      | W. H. McIntyre .....  | 240   | 00   |        |      |
| Port Arthur .....                    | W. P. Cooke .....   | 120   | 00   |        |      |
| Minnedosa .....                      | Rev. J. M. Willwood, \$300, assistance, \$100 .....                         | 400   | 00   |        |      |
| Qu'Appelle .....                     | L. Gordon, \$300, assistance, \$100 .....                                   | 400   | 00   |        |      |
| Battleford .....                     | J. S. McDonald, salary from 24th Oct., 1883, to 30th June, 1884 .....       | 103   | 23   |        |      |
| Edmonton .....                       | A. Taylor, \$120, assistance, \$30 .....                                    | 150   | 00   |        |      |
| Medicine Hat .....                   | J. Ewart, \$267.39 do 89.13, from 10th Aug., 1883, to 30th June, 1884 ..... | 356   | 52   |        |      |
|                                      |   |       |      | 4,971  | 75   |
| <i>Reserve Telegraph Stations.</i>   |   |       |      |        |      |
| St. Andrews .....                    | S. T. Gove, 12 months salary .....  | 300   | 00   |        |      |
| Charlottetown .....                  | H. J. Cundall do .....  | 300   | 00   |        |      |
| St. John, Newfoundland .....         | J. Higgins do .....   | 100   | 00   |        |      |
| Port Dover .....                     | H. Morgan .....   | 300   | 00   |        |      |
| London .....                         | E. B. Keed .....  | 300   | 00   |        |      |
|                                      |   |       |      | 1,300  | 00   |
| <i>Drum Stations.</i>                |   |       |      |        |      |
| Point Le Preaux .....                | Geo. Thomas, 12 months salary .....   | 60    | 00   |        |      |
| Digby, N.S. ....                     | J. McDonald (July 1st, 1883, to March 31st, 1884) .....                     | 37    | 50   |        |      |
| Liverpool .....                      | J. L. Hemneon 12 months .....   | 60    | 00   |        |      |
| Halifax .....                        | Officer Commanding, R.E., 12 months .....                                   | 60    | 00   |        |      |
| Louisburg .....                      | W. H. Townsend do .....   | 60    | 00   |        |      |
| Cow Bay .....                        | C. Archibald do .....   | 60    | 00   |        |      |
| Little Glace Bay .....               | C. H. Rigby do .....  | 60    | 00   |        |      |
| North Sydney .....                   | M. J. Phoran do .....   | 60    | 00   |        |      |
| Port Hastings .....                  | W. J. McKeen do .....   | 60    | 00   |        |      |
| Pictou, N.S. ....                    | M. Campbell do .....  | 60    | 00   |        |      |
| Point du Chêne .....                 | H. H. Schaefer do .....   | 45    | 00   |        |      |
| Bathurst .....                       | Hon. J. Ferguson do .....   | 100   | 00   |        |      |
| Dalhousie .....                      | H. A. Johnson do .....  | 78    | 00   |        |      |
| Percé .....                          | P. Vibert do .....  | 45    | 00   |        |      |
| Gaspé .....                          | J. Eden do .....  | 45    | 00   |        |      |
| Deseronto .....                      | Rathbun & Co. do .....  | 30    | 50   |        |      |
| Pictou, Ont. ....                    | J. A. Rawson do .....   | 30    | 50   |        |      |
| Cobourg .....                        | F. Reynolds .....   | 45    | 00   |        |      |
| Port Hope .....                      | Thos. F. James .....  | 45    | 00   |        |      |
| Toronto .....                        | Capt. A. Taylor .....   | 45    | 00   |        |      |
| Gibraltar Point .....                | Geo. Durnan (July 1st to Dec. 31st, 1883) .....                             | 30    | 00   |        |      |
| Port Credit .....                    | A. Blakely, 12 months .....   | 30    | 50   |        |      |
| Oakville .....                       | Thos. Howell do .....   | 30    | 50   |        |      |
| Burlington Beach .....               | Capt. Thos. Campbell, 12 months .....                                       | 45    | 00   |        |      |
| Port Dalhousie .....                 | E. F. Dwyer do .....  | 45    | 00   |        |      |
| Port Colborne .....                  | D. Hughes do .....  | 45    | 00   |        |      |
| Port Burwell .....                   | G. B. McConnell do .....  | 30    | 50   |        |      |
| Amherstburg .....                    | P. H. Anderson do .....   | 31    | 50   |        |      |
| Sarnia .....                         | M. Fleming do .....   | 34    | 50   |        |      |
| Bayfield .....                       | J. Gardner do .....   | 32    | 00   |        |      |
| Goderich .....                       | G. N. Macdonald do .....  | 60    | 00   |        |      |
| Kincardine .....                     | Dr. Dewitt Martyn do .....  | 100   | 00   |        |      |
| Saugeen .....                        | Thos. Davis do .....  | 60    | 00   |        |      |
| Presqu'Isle .....                    | J. McKenzie do .....  | 105   | 00   |        |      |
| Collingwood .....                    | A. Bligh do .....   | 84    | 00   |        |      |
| Owen Sound .....                     | R. Thompson do .....  | 29    | 50   |        |      |
| Midland .....                        | E. Peplow do .....  | 29    | 50   |        |      |
|                                      |   |       |      | 1,909  | 00   |
|                                      | Carried forward .....   |       |      | 23,640 | 47   |

STATEMENT of Expenditure in connection with the Meteorological Service,  
etc.—Continued.

|  |   | \$     | cts. | \$     | cts. |
|--|---|--------|------|--------|------|
| Brought forward .....                  |   |        |      | 23,640 | 47   |
| <i>SALARIES—Continued.</i>             |   |        |      |        |      |
| <i>Special Stations.</i>               |   |        |      |        |      |
| Belle Isle.....                        | M. Colton.....  | 100    | 00   | 100    | 00   |
| <i>Telegraphy.</i>                     |   |        |      |        |      |
| G. N.-W. Telegraph Co...               | Telegrams.....  | 13,168 | 25   |        |      |
| C. P. Telegraph Co.....                | do .....  | 459    | 25   |        |      |
| W. U. Telegraph Co.....                | Battery supplies.....   | 55     | 65   |        |      |
| G. N.-W. Telegraph Co...               | Maintaining lines.....  | 38     | 86   |        |      |
| The Electric Despatch Co               | Messages.....   | 17     | 75   |        |      |
| A. Lowther.....                        | Salary at Central Office from July 1st, 1883, to<br>April 30th, 1884..... | 433    | 34   |        |      |
| D. O'Halarau.....                      | 12 months salary at Central Office.....                                   | 520    | 90   |        |      |
| J. Lowther.....                        | Salary, central office, 1st May to 30th June, 1884...                     | 70     | 00   |        |      |
| B. S. Jenkins.....                     | Special assistance at Winnipeg.....                                       | 70     | 00   |        |      |
| F. L. Jones.....                       | Telegraphing observations from St. John, New-<br>foundland.....           | 15     | 49   |        |      |
| L. Mosley.....                         | Parry Sound, telegraph messenger, 12 months.....                          | 69     | 00   |        |      |
| M. Payne.....                          | Port Stanley do do .....  | 20     | 00   |        |      |
| H. J. Cundall.....                     | Charlottetown do do .....   | 20     | 00   |        |      |
| G. A. Burnett.....                     | 12 months salary as Agent at Buffalo.....                                 | 80     | 00   |        |      |
| J. C. James.....                       | Special Sunday services.....  | 16     | 00   |        |      |
| C. W. Drury.....                       | Paid operator for exchange of time.....                                   | 12     | 00   |        |      |
|  |   |        |      | 15,056 | 59   |
| <i>Instruments and Apparatus.</i>      |   |        |      |        |      |
| J. Foster.....                         | Instruments.....  | 1,475  | 47   |        |      |
| A. J. Henderson.....                   | Caligraph.....  | 79     | 00   |        |      |
| Thos. Dean.....                        | Castings.....   | 87     | 60   |        |      |
| Thos. McDonald.....                    | Rain gauges.....  | 70     | 00   |        |      |
| H. J. Green.....                       | Barometers.....   | 229    | 08   |        |      |
| Wm. Lewis & Son.....                   | Fittings to signal mast at St. John.....                                  | 23     | 10   |        |      |
| Geo. Hutchinson.....                   | Standard clock.....   | 300    | 00   |        |      |
| Hearn, Harrison & Co...                | Bubble for level, etc.....  | 38     | 00   |        |      |
| Wm. Briscoe.....                       | Bolts and plates.....   | 14     | 35   |        |      |
| H. J. Cundall.....                     | Signal mast.....  | 78     | 33   |        |      |
| R. H. Scott.....                       | Instruments.....  | 618    | 67   |        |      |
| Rice Lewis & Son.....                  | Hardware.....   | 90     | 35   |        |      |
| A. Hilger.....                         | Rain-band spectrosopes.....   | 34     | 99   |        |      |
| Alex. Taylor, Edmonton.                | Paid for thermometer.....   | 1      | 50   |        |      |
| McDonald, McNally & Co                 | Signal discs.....   | 159    | 00   |        |      |
| W. Rogers.....                         | 1 glass reticule.....   | 10     | 00   |        |      |
|  |   |        |      | 3,309  | 44   |
| <i>Stationery, Books, etc.</i>         |   |        |      |        |      |
| E. Ferrel.....                         | Postage stamps and cards.....   | 298    | 50   |        |      |
| J. S. Robertson.....                   | Postal cards.....   | 65     | 00   |        |      |
| Brown Bros.....                        | Stationery.....   | 326    | 35   |        |      |
| The Burland Lithograph-<br>ing Co..... | Cheque book.....  | 27     | 50   |        |      |
| The Halifax Morning<br>"Herald".....   | Subscription.....   | 6      | 00   |        |      |
| N. Ure & Co.....                       | Nautical almanac.....   | 7      | 80   |        |      |
| E. Harris.....                         | Drawing paper.....  | 3      | 00   |        |      |
| Messrs. Hart & Co.....                 | Books, etc.....   | 26     | 00   |        |      |
| Trout & Todd.....                      | Printing.....   | 734    | 00   |        |      |
| Rolph, Smith & Co.....                 | Stationery.....   | 34     | 00   |        |      |
| Messrs. Gagen & Frazer..               | Photographs.....  | 77     | 20   |        |      |
| G. E. Stechert.....                    | Books.....  | 9      | 25   |        |      |
| Carried forward.....                   |   | 1,614  | 60   | 42,106 | 50   |

STATEMENT of Expenditure in connection with the Meteorological Service,  
etc.—Continued.

|   |  | \$ cts.  | \$. cts.  |
|---|--|----------|-----------|
| Brought forward .....                           |  | 1,614 60 | 42,106 50 |
| <i>Stationery, Books, etc.—Concluded.</i>       |  |          |           |
| Moses King.....                                 | Subscription to science.....             | 5 00     |           |
| J. B. Carter.....                               | Mounting maps.....                       | 0 90     |           |
| Copp, Clark & Co.....                           | Lithographing and books.....             | 237 00   |           |
| The "Globe" Printing<br>Co.....                 | Subscription to "Globe".....             | 7 00     |           |
| Kenyon, Tingley & Co.....                       | Stamp ribbon.....                        | 1 50     |           |
| R. Polk & Co.....                               | City directory.....                      | 3 00     |           |
| The Cobban Manufactur-<br>ing Co.....           | Frames.....                              | 26 75    |           |
| Thos. McMahon.....                              | Printing.....                            | 7 65     |           |
| Freidlander & Son.....                          | Book.....                                | 2 93     |           |
| Barber & Ellis.....                             | Blank wrappers.....                      | 12 50    |           |
| C. Amand.....                                   | Subscription to Halifax "Chronicle"..... | 6 00     |           |
|   |  |          | 1,924 83  |
| <i>Freight, Cartage and Customs.</i>            |  |          |           |
| The Canadian Express Co                         | Express freight.....                     | 203 25   |           |
| The Shedden Co.....                             | Freight.....                             | 7 18     |           |
| Robinson & Heath.....                           | Customs brokerage.....                   | 10 02    |           |
| The Northern and North-<br>Western Railway..... | Freight.....                             | 29 44    |           |
| J. Merryfield.....                              | Carriage of parcels.....                 | 40 00    |           |
| J. T. Fotheringham.....                         | Paid for freight.....                    | 2 60     |           |
| C. Carpmael.....                                | Paid freight charges, Toronto.....       | 83 17    |           |
| Stewart, Leeson & Scott.                        | Freight, N.-W. Territories.....          | 18 00    |           |
| L. Gordon.....                                  | Paid freight charges at Qu'Appelle.....  | 2 00     |           |
| R. F. Holterman.....                            | do Pheasant Forks.....                   | 6 25     |           |
| G. E. Hanwell.....                              | Freight charges at Qu'Appelle.....       | 8 00     |           |
|   |  |          | 409 91    |
| <i>Travelling Expenses.</i>                     |  |          |           |
| B. C. Webber.....                               | Travelling expenses.....                 | 143 95   |           |
| A. R. Gordon.....                               | do.....                                  | 814 70   |           |
| R. F. Stupart.....                              | do.....                                  | 156 15   |           |
| C. H. McLeod.....                               | do.....                                  | 102 93   |           |
| C. Carpmael.....                                | do.....                                  | 69 15    |           |
| H. V. Payne.....                                | do.....                                  | 14 50    |           |
|   |  |          | 1,331 38  |
| <i>Expenses at Stations.</i>                    |  |          |           |
| A. Christie.....                                | St. John.....                            | 61 33    |           |
| Ansley & Slaughter.....                         | Port Dover.....                          | 37 50    |           |
| L. Gordon.....                                  | Qu'Appelle, N. W. T.....                 | 28 80    |           |
| A. Bligh.....                                   | Collingwood.....                         | 7 00     |           |
| F. E. Wilmot.....                               | Yarmouth.....                            | 22 79    |           |
| C. W. Drury.....                                | Quebec.....                              | 49 50    |           |
| P. F. Rinfret.....                              | do.....                                  | 33 30    |           |
| H. C. Seeley.....                               | Grand Manan Island.....                  | 10 70    |           |
| C. J. Macgregor.....                            | Stratford.....                           | 13 34    |           |
| Clement Plante.....                             | Quebec.....                              | 50 00    |           |
| G. A. Blair.....                                | Chatham.....                             | 33 45    |           |
| R. Mosley.....                                  | Parry Sound.....                         | 20 00    |           |
| J. Boyce.....                                   | Toronto.....                             | 64 50    |           |
| V. Huart.....                                   | Chicoutimi.....                          | 10 00    |           |
| M. Payne.....                                   | Port Stanley.....                        | 44 00    |           |
| M. J. Phoran.....                               | Sydney, G.E.....                         | 9 99     |           |
| S. T. Gove.....                                 | St. Andrews.....                         | 56 22    |           |
| Dr. Dewitt Martyn.....                          | Kincardine.....                          | 28 86    |           |
| C. Y. Gregory.....                              | St. John, N.B.....                       | 29 51    |           |
| Sarah Drake.....                                | do.....                                  | 18 80    |           |
| Carried forward .....                           |  | 641 59   | 45,772 62 |

STATEMENT of Expenditure in connection with the Meteorological Service,  
etc.—*Concluded.*

|   |  | \$ cts.  | \$ cts.   |
|---|--|----------|-----------|
|   | Brought forward.....                   | 641 59   | 45,772 63 |
|   | <i>Expenses at Stations—Concluded.</i> |          |           |
| Simon Peters .....                      | Quebec.....                            | 3 49     |           |
| S. Denismore .....                      | Grand Manan Island .....               | 8 60     |           |
| J. M. Wellwood.....                     | Minnedosa .....                        | 7 50     |           |
| P. Cassidy .....                        | Cranbourne.....                        | 15 00    |           |
| The Bell Telephone Co. ....             | Quebec.....                            | 4 58     |           |
| John Hatch.....                         | do .....                               | 85 60    |           |
| J. T. Young .....                       | Toronto.....                           | 3 37     |           |
| B. Maringer.....                        | Quebec.....                            | 8 00     |           |
| G. Seifert.....                         | do .....                               | 0 75     |           |
| James Hunter.....                       | St. John, N.B.....                     | 10 00    |           |
| J. McWilliams.....                      | Father Point.....                      | 4 50     |           |
| F. Reynolds .....                       | Cobourg.....                           | 3 20     |           |
| Thos. Davis .....                       | Saugeen.....                           | 44 94    |           |
| Thos. F. Janes.....                     | Port Hope.....                         | 1 05     |           |
| E. F. Dwyer.....                        | Port Dalhousie .....                   | 1 48     |           |
| A. Allison.....                         | Halifax.....                           | 9 30     |           |
| J. Ewart .....                          | Medicine Hat, N.W.T.....               | 26 22    |           |
| G. N. Macdonald.....                    | Goderich .....                         | 12 40    |           |
| G. B. McConnel.....                     | Port Burwell.....                      | 1 35     |           |
| J. S. Macdonald .....                   | Battleford, N.W.T.....                 | 24 00    |           |
| J. Mackenzie.....                       | Presqu' Isle, Ont.....                 | 6 72     |           |
| W. H. Townsend.....                     | Louisburg.....                         | 2 55     |           |
| Thos. Howarth.....                      | Oakville.....                          | 1 60     |           |
| Philip Vibert .....                     | Percé, P.Q.....                        | 14 04    |           |
| Dillon Brothers .....                   | Halifax.....                           | 2 00     |           |
| H. J. Cundall.....                      | Charlottetown.....                     | 12 81    |           |
| P. H. Anderson.....                     | Amherstburg.....                       | 1 60     |           |
| Robt. Thompson.....                     | Owen Sound.....                        | 2 50     |           |
| The Bursar of St. Johns<br>College..... | Winnipeg.....                          | 40 05    |           |
| W. R. Butler.....                       | Windsor, N.S.....                      | 6 25     |           |
| G. Wattie .....                         | Barrie.....                            | 6 00     |           |
| J. Henderson .....                      | Collingwood .....                      | 3 27     |           |
| R. Blakiston .....                      | Quebec.....                            | 14 70    |           |
| M. Fleming.....                         | Sarnia.....                            | 9 16     |           |
| F. Pheasant.....                        | St. John .....                         | 10 96    |           |
| H. E. Smith.....                        | Fort Calgary.....                      | 53 75    |           |
| Armour & Bradin.....                    | do .....                               | 8 00     |           |
| S. J. Hogg & Co.....                    | do .....                               | 9 91     |           |
| W. D. Reeve.....                        | Fort Chippawayan.....                  | 20 00    |           |
| Alex. Begg.....                         | High River.....                        | 10 00    |           |
| Lyman & Son.....                        | Montreal .....                         | 8 30     |           |
| Geo. Thomas.....                        | Point Lepreaux .....                   | 1 60     |           |
| Thos. Harrison.....                     | Fredericton.....                       | 5 50     |           |
| J. Little.....                          | Truro, N.S.....                        | 30 00    |           |
| H. B. Spotton.....                      | Barrie.....                            | 4 00     |           |
| Wm. McBride.....                        | Stratford .....                        | 16 70    |           |
| W. M. Herchmer .....                    | Regina, N.W.T.....                     | 30 00    |           |
| W. Frost .....                          | Chatham, N.B.....                      | 12 00    |           |
| Gas Light Company .....                 | St. John, N.B.....                     | 5 85     |           |
| Louis Fusk.....                         | Quebec.....                            | 69 75    |           |
| W. J. Clark.....                        | Trenton.....                           | 6 35     |           |
|   |  |          | 1,342 84  |
|   | <i>Miscellaneous.</i>                  |          |           |
| Consumers' Gas Co.....                  | Gas.....                               | 81 24    |           |
| Wm. Menzies.....                        | Carpentering.....                      | 554 20   |           |
| W. R. Dossor.....                       | Sweeping flues .....                   | 2 00     |           |
| H. A. Collins.....                      | Oil, etc.....                          | 118 23   |           |
| Lyman, Sons & Co.....                   | Chemicals.....                         | 51 29    |           |
| H. V. Payne.....                        | Midnight "Probabilities" .....         | 125 75   |           |
| J. P. Wagner.....                       | Lumber, etc.....                       | 125 93   |           |
|   | Carried forward .....                  | 1,058 64 | 47,115 46 |

STATEMENT of Expenditure in connection with the Meteorological Service,  
etc.—*Concluded.*

|   |   | \$ cts.  | \$ cts.   |
|---|---|----------|-----------|
|   | Brought forward.....                      | 1,058 64 | .....     |
|   | <i>Miscellaneous—Concluded.</i>           |          |           |
| J. M. Orr.....                            | Special assistance at Central Office..... | 26 66    |           |
| R. F. Stupart.....                        | Midnight "Probabilities".....             | 121 00   |           |
| L. P. Roy.....                            | Copying records at Washington.....        | 14 00    |           |
| G. Foster.....                            | Office chair.....                         | 7 00     |           |
| John Kay.....                             | do carpet.....                            | 71 06    |           |
| J. Bennyworth.....                        | Attending to Island anemometer.....       | 20 00    |           |
| J. Merryfield.....                        | Rent and cleaning of rooms.....           | 48 00    |           |
| C. Carpmael.....                          | Petty expenses.....                       | 37 70    |           |
| P. Burns.....                             | Coal and wood.....                        | 183 00   |           |
| C. H. McLeod.....                         | Consular certificate.....                 | 6 90     |           |
| Bond & Son.....                           | Hire of chronometer.....                  | 17 25    |           |
| J. Merryfield.....                        | Scrubbing offices.....                    | 36 00    |           |
| B. G. Webber.....                         | Midnight "Probabilities".....             | 122 00   |           |
| Bell Telephone Co.....                    | Rent.....                                 | 57 50    |           |
| The "Sun" Publishing<br>Co.....           | Advertising.....                          | 2 50     |           |
| F. Lemieux.....                           | Copying "Probabilities".....              | 18 00    |           |
| W. J. Hughes.....                         | Stone hearths and masonry.....            | 40 10    |           |
| The Map and School Sup-<br>ply Co.....    | Mounting maps.....                        | 3 75     |           |
| John J. Foote.....                        | Advertising.....                          | 25 00    |           |
| F. L. Blake.....                          | Special assistance.....                   | 201 00   |           |
| Geo. Ringham.....                         | Iron cave-trough.....                     | 13 21    |           |
| W. H. Vandersmissen.....                  | Translations.....                         | 17 00    |           |
| J. Steuart.....                           | Office chairs.....                        | 7 20     |           |
| Water Works Depart-<br>ment, Toronto..... | Water.....                                | 45 00    |           |
| R. Smyth.....                             | Extra services.....                       | 37 00    |           |
|   |   |          | 2,236 47  |
| Jehn Black & Co.....                      | Instruments £30 8 6.....                  |          | 49,351 93 |
| Queens' Printer.....                      | Stationery, printing, etc.....            |          | 148 07    |
|   |   |          | 660 73    |
|   |   |          | 50,160 73 |

WM. SMITH,  
*Deputy Minister of Marine.*

F. GOURDEAU,  
*Acting Accountant.*



APPENDIX No. 21

To the Sixteenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Magnetic Observatories in the Dominion, for the Fiscal Year ended 30th June, 1884.

TORONTO OBSERVATORY.

|                       |                                    | \$      | cts. | \$    | cts. |
|-----------------------|------------------------------------|---------|------|-------|------|
| C. Carpmael           | 12 months salary as Director       | \$1,952 | 00   |       |      |
| do                    | do superannuation tax              | 48      | 00   |       |      |
|                       |                                    |         |      | 2,000 | 00   |
| Thos. Menzies         | do salary as Observer              | 533     | 24   |       |      |
| do                    | do superannuation tax              | 6       | 76   |       |      |
|                       |                                    |         |      | 540   | 00   |
| W. A. Stewart         | do salary as Observer              | 533     | 24   |       |      |
| do                    | do superannuation tax              | 6       | 76   |       |      |
|                       |                                    |         |      | 540   | 00   |
| W. F. Davison         | do salary as Observer              | 533     | 24   |       |      |
| do                    | do superannuation tax              | 6       | 76   |       |      |
|                       |                                    |         |      | 540   | 00   |
| J. Merryfield         | do salary as Messenger             |         |      | 300   | 00   |
| James Young           | Special Sunday and night service   |         |      | 50    | 00   |
| G. M. Whipple         | Instruments                        |         |      | 99    | 71   |
| Thomas Menzies        | House rent                         |         |      | 150   | 00   |
| W. A. Stewart         | Expenses in moving                 |         |      | 29    | 50   |
| The Consumers Gas Co. | Gas                                |         |      | 215   | 92   |
| J. A. Macdonnell      | Professional services              |         |      | 114   | 80   |
| J. E. Berkely Smith   | Rent of Observer's cottage         |         |      | 90    | 00   |
| W. A. Stewart         | House rent                         |         |      | 112   | 50   |
| Wm. Menzies           | Carpentering                       |         |      | 108   | 00   |
| R. Polk & Co.         | Directory                          |         |      | 3     | 00   |
| Brown Bros.           | Stationery and binding             |         |      | 12    | 00   |
| Rice Lewis & Son      | Nails                              |         |      | 15    | 77   |
| Hart & Co.            | Pens                               |         |      | 4     | 00   |
| A. Kleiser            | Cleaning and repairing chronometer |         |      | 6     | 00   |
| L. Plumberg           | Window panes                       |         |      | 1     | 60   |
| James Foster          | Iron bars                          |         |      | 1     | 85   |
| Ganadian Express Co.  | Freight                            |         |      | 3     | 80   |
| Geo. Ringham          | Zinc work, etc.                    |         |      | 14    | 68   |
| J. E. Berkely Smith   | Water rates                        |         |      | 9     | 90   |
| Copp, Clark & Co.     | Printing forms                     |         |      | 13    | 00   |
| E. Stechert           | Books                              |         |      | 4     | 65   |
| E. W. Maunder         | Subscription to "Observatory"      |         |      | 3     | 51   |
| T. Eversfield         | Distilled water                    |         |      | 3     | 00   |
| P. Burns              | Coal and wood                      |         |      | 83    | 50   |
| Thos. Menzies         | Extra night service on term day    |         |      | 25    | 00   |
| W. A. Stewart         | do do                              |         |      | 25    | 00   |
| W. F. Davidson        | do do                              |         |      | 25    | 00   |
| A. Hilger             | Instruments                        |         |      | 92    | 47   |
|                       |                                    |         |      |       |      |
|                       |                                    |         |      | 5,238 | 16   |

MONTREAL OBSERVATORY.

|                              |   |  |  |     |    |
|------------------------------|---|--|--|-----|----|
| W. C. Bayne, B.A., Secretary | Annual grant to McGill University Observatory |  |  | 500 | 00 |
|------------------------------|---|--|--|-----|----|

STATEMENT of Expenditure on account of Magnetic Observatories—*Con.*

## KINGSTON OBSERVATORY.

|                           |  |       |        |
|---------------------------|--|-------|--------|
| Professor Williamson..... | Annual grant to Kingston Observatory ..... | ..... | 500 00 |
|---------------------------|--|-------|--------|

## RECAPITULATION.

|                                      | \$     | cts. | \$ | cts.      |
|--------------------------------------|--------|------|----|-----------|
| Meteorological Service .....         | 50,160 | 73   |    |           |
| Magnetic Observatory, Montreal ..... | 500    | 00   |    |           |
| do Kingston .....                    | 500    | 00   |    |           |
| do Toronto .....                     | 5,238  | 16   |    |           |
|                                      |        |      |    | 56,398 89 |

WM. SMITH,  
*Deputy Minister of Marine.*

F. GOURDEAU,  
*Acting Accountant.*

## APPENDIX No. 22.

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure for the Removal of Obstructions in Navigable Rivers, for the Fiscal Year ended 30th June, 1884.

|                        |  | \$ cts. | \$ cts.        |
|------------------------|--|---------|----------------|
| Capt. P. A. Scott..... | Examining wharf at St. Andrews .....   | 11 10   |                |
| W. Laplante.....       | Blasting and removing boulders at entrance of<br>Elm Tree Harbour .....              | 8 00    |                |
| J. D. Silcox .....     | Amount in full for removal of wreck "Gilder-<br>sleeve" .....                        | 300 00  |                |
| "Quotidien" .....      | Advertising for tenders for removal of obstructions<br>in River du Loup Harbour..... | 2 30    |                |
| "L'Evenement".....     | do do do .....   | 2 30    |                |
| "Canadien".....        | do do do .....   | 2 30    |                |
| "Cultivateur".....     | do do do .....   | 2 30    |                |
| "Petit Journal".....   | do do do .....   | 2 30    |                |
| "Nouvelliste".....     | do do do .....   | 2 30    |                |
| "Daily Telegraph"..... | do do do .....   | 2 30    |                |
| "Budget".....          | do do do .....   | 2 30    |                |
| A. Côté et Cie.....    | do do do .....   | 2 30    |                |
| "Morning Chronicle"... | do do do .....   | 2 30    |                |
| Queen's Printer.....   | Printing, stationery, etc.....   |         | 342 10<br>0 66 |
|                        |  |         | 342 76         |

WM. SMITH,  
*Deputy Minister of Marine.*

F. GOUDREAU,  
*Acting Accountant.*

## APPENDIX No. 23

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of the Expenditure on account of Signal Service, for the Fiscal Year ended 30th June, 1884.

|                          |   | \$ cts.  | \$ cts.  |
|--------------------------|---|----------|----------|
| H. J. McHugh.....        | 12 months salary as Inspector.....                  | 720 00   |          |
| do .....                 | Allowance for board.....                            | 66 67    |          |
| do .....                 | Travelling expenses .....                           | 219 61   |          |
| J. E. LeBourdais.....    | Annual allowance for reporting for 1883, L'Islet..  | 50 00    |          |
| A. Richard.....          | do do Brandy Pot.....                               | 50 00    |          |
| L. T. Puize .....        | do do Rivière du Loup..                             | 50 00    |          |
| J. McWilliams.....       | do do Father Point.....                             | 50 00    |          |
| Jules Martin.....        | do do Little Métis.....                             | 50 00    |          |
| P. Desjardins.....       | do do Matane.....                                   | 50 00    |          |
| T. Côté .....            | do do Cape Chatte .....                             | 50 00    |          |
| J. Gauthier.....         | do do Martin River .....                            | 50 00    |          |
| G. Levesque.....         | do do Cape Magdalen..                               | 50 00    |          |
| James Ascah.....         | do do Fame Point.....                               | 50 00    |          |
| A. Trudeau.....          | do do Cape Rosier.....                              | 50 00    |          |
| John Beck.....           | do do Cape Despair.....                             | 50 00    |          |
| A. Bertrand .....        | do do Point Macquereau                              | 50 00    |          |
| R. Rennie.....           | do do Cape Ray.....                                 | 50 00    |          |
| John Corry.....          | do do Cape Race.....                                | 50 00    |          |
| Postmaster, Quebec.....  | Postage, supplements from Spottiswood .....         | 40 69    |          |
| J. Kaine .....           | Cartage.....  | 2 00     |          |
| Beaudet & Chinic.....    | Rope, &c.....                                       | 11 70    |          |
| Dawson & Co. ....        | Stationery, etc.....                                | 7 90     |          |
| J. Overy.....            | Cartage.....  | 8 00     |          |
| John G. Peters.....      | Putting up flagstaff at Low Point .....             | 3 00     |          |
| do .....                 | Annual allowance for reporting, 1883, at Low Point  | 50 00    |          |
| Joseph Wilson.....       | do do .....   | 50 00    |          |
| F. T. Thomas.....        | Toilet set and jug.....                             | 4 49     |          |
| L. T. Puize .....        | Signal mast, Rivière du Loup.....                   | 4 35     |          |
| James Wilson.....        | Paid for advertising signals, from 1st January to   |          |          |
| do .....                 | 30th September.....                                 | 75 00    |          |
| do .....                 | Repairs to flag.....                                | 12 75    |          |
| A. Mills.....            | Spyglass.....                                       | 16 00    |          |
| N.-W. Telegraph Co.....  | Telegrams.....                                      | 3,578 12 |          |
| B. Batson.....           | 2 consolidated telephones.....                      | 248 50   |          |
| J. U. Gregory.....       | Paid for oil, turpentine and rope, \$88.50; rigging |          |          |
| do .....                 | iron work, \$40.....                                | 128 50   |          |
| do .....                 | Pay-list of employees, Father Point.....            | 75 95    |          |
| Audet & Robitaille.....  | Halyards, wire rope, &c.....                        | 15 26    |          |
| E. Pope.....             | Instruments .....                                   | 68 00    |          |
| H. Shives.....           | Telegraph poles.....                                | 41 25    |          |
| H. C. Seeley.....        | Freight do .....                                    | 13 30    |          |
| T. B. Barkes.....        | Raw oil.....  | 1 50     |          |
| A. Christie & Co.....    | Sashes, night latch, &c .....                       | 10 50    |          |
| J. R. Cameron .....      | Oil.....  | 7 13     |          |
| Spottiswood & Co.....    | Code-lists.....                                     | 25 16    |          |
| Bell Telephone Co.....   | 6 months rent.....                                  | 18 00    |          |
| Postmaster, Ottawa.....  | Paid order for books and flags.....                 | 4 00     |          |
| "Morning Chronicle"..... | Subscription.....                                   | 7 00     |          |
| R. Barbour.....          | Painting flagstaffs.....                            | 24 00    |          |
| J. Sullivan.....         | Lowering and raising masts.....                     | 40 00    |          |
| W. Lewis & Son .....     | Rope ladder, &c .....                               | 62 00    |          |
| C. T. Gregory.....       | Twine, paraffine, &c.....                           | 3 15     |          |
| H. C. Seeley.....        | Telephonic communication.....                       | 88 09    |          |
| Canadian Express Co..... | Charges on books.....                               | 4 13     |          |
| F. Gunn.....             | Rope.....   | 8 03     |          |
| S. J. Shaw & Co.....     | Fairbanks balance.....                              | 12 00    |          |
| Queen's Printer.....     | Printing and stationery.....                        |          |          |
|                          |   |          | 6,525 73 |
|                          |   |          | 178 44   |
|                          |   |          | 6,704 17 |

F. GOURDEAU,  
Acting Accountant.

WM. SMITH,  
Deputy Minister of Marine.

## APPENDIX No. 24

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure in connection with Hudson's Bay Expedition, for the Fiscal Year ended 30th June, 1884.

|                         |  | \$ cts. | \$ cts. |
|-------------------------|--|---------|---------|
| A. R. Gordon .....      | On account travelling expenses .....             | 190 75  |         |
| C. R. Tuttle .....      | do salary .....                                  | 50 00   |         |
| Jos. Wood .....         | Expenses to and from New York, telegraphing, etc | 50 00   |         |
| G. N.-W. Telegraph Co.  | Cablegrams .....                                 | 10 75   |         |
| Canada Atlantic Ry..... | Charts .....                                     | 10 48   |         |
| John Black .....        | Transit .....                                    | 168 71  |         |
|                         |  |         | 480 69  |

WM. SMITH,  
*Deputy Minister of Marine.*

F. GOUDREAU,  
*Acting Accountant.*

## APPENDIX No. 25

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Amount of Collections and Expenditure on account of Harbour Improvements, collected at the undermentioned Ports at which Tonnage Dues have been imposed by Proclamation, for the Fiscal Year ended 30th June, 1884.

### COLLECTIONS.

#### *Quebec.*

|   |           |
|---|-----------|
| Amherst and House Harbours, Magdalen Islands..... | Nil.      |
| Cape Chatte .....                                 | \$ 105 48 |

#### *New Brunswick.*

|                  |        |
|------------------|--------|
| Richibucto ..... | 717 24 |
|------------------|--------|

#### *Nova Scotia.*

|                |       |
|----------------|-------|
| Ingonish ..... | 32 74 |
|----------------|-------|

|            |           |
|------------|-----------|
| Total..... | \$ 855 46 |
|------------|-----------|

### EXPENDITURE.

#### *Nova Scotia.*

|                |           |
|----------------|-----------|
| Ingonish ..... | \$ 759 82 |
|----------------|-----------|

#### *New Brunswick.*

|                 |          |
|-----------------|----------|
| Richibucto..... | 1,000 00 |
|-----------------|----------|

|            |            |
|------------|------------|
| Total..... | \$1,759 82 |
|------------|------------|

WM. SMITH,

*Deputy Minister of Marine.*

F. Gourdeau,  
*Acting Accountant.*

## APPENDIX No. 26

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Revenue derived from Wharves and Piers, paid to credit of Receiver-General, for the Fiscal Year ended 30th June, 1884.

|  |            |
|--|------------|
| Cow Bay, Nova Scotia.....  | \$2,332 21 |
| Digby do .....   | 645 26     |
| Maitland do .....  | 22 69      |
| Meteghan River do .....  | 154 40     |
| Oak Point do .....   | 27 93      |
| Goderich, Ontario (R. P. Bearman).....   | \$565 00   |
| Goderich do (J. Williams) .....  | 187 50     |
|  | 752 50     |
| Rondeau do .....   | 2 73       |
|  | \$3,937 72 |
| Add—Remitted by Wharfinger at Maitland after<br>close of accounts for fiscal year of 1883...\$ | 5 77       |
| Remitted by Wharfinger at Oak Point after<br>close of accounts for fiscal year of 1883...      | 105 00     |
| Remitted by Wharfinger at Brooklyn after<br>close of accounts for fiscal year of 1883...       | 4 96       |
|  | 115 73     |
| Total.....   | \$4,053 45 |

WM. SMITH,  
*Deputy Minister of Marine.*

F. Gourdeau,  
*Acting Accountant.*

## APPENDIX No. 27

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement showing the Names of Members of the Establishment Staff of the Department of Marine and Fisheries, the Rank held by each, and the salary they severally received, during the Fiscal Year, ended 30th June, 1884.

| To whom Paid.           | Rank.                          | Period.                       | Amount.   |
|-------------------------|--------------------------------|-------------------------------|-----------|
|                         |                                |                               | \$ cts.   |
| Hon. A. W. McLelan..... | Minister.....                  | 12 months.....                | 7,000 00  |
| William Smith.....      | Deputy Minister.....           | do.....                       | 3,200 00  |
| W. F. Whitcher.....     | Commissioner of Fisheries..... | 3 do to 30th Sept., 1883..... | 600 00    |
| John Hardie.....        | Chief Clerk.....               | 12 do.....                    | 2,350 00  |
| John Tilton.....        | do and Accountant.....         | do.....                       | 2,350 00  |
| S. P. Bauset.....       | 1st Class Clerk.....           | do.....                       | 1,800 00  |
| W. L. Magee.....        | do.....                        | do.....                       | 1,800 00  |
| W. P. Anderson.....     | do and Engineer.....           | do.....                       | 1,650 00  |
| F. Gourdeau.....        | do.....                        | do.....                       | 1,500 00  |
| W. H. Alexander.....    | 2nd Class Clerk.....           | do.....                       | 1,150 00  |
| R. N. Venning.....      | do.....                        | do.....                       | 1,150 00  |
| John Makinson.....      | do.....                        | do.....                       | 1,150 00  |
| M. P. McElhinney.....   | do.....                        | do.....                       | 1,125 00  |
| J. M. Oxley.....        | 3rd Class Clerk.....           | do.....                       | 1,000 00  |
| W. B. Carleton.....     | do.....                        | do.....                       | 875 00    |
| J. B. Halkett.....      | do.....                        | do.....                       | 875 00    |
| W. W. Stumbles.....     | do.....                        | do.....                       | 850 00    |
| A. W. Owen.....         | do.....                        | do.....                       | 837 50    |
| V. Nicholson.....       | do.....                        | do.....                       | 750 00    |
| J. S. Webster.....      | do.....                        | do.....                       | 750 00    |
| A. H. Belliveau.....    | do.....                        | do.....                       | 750 00    |
| S. B. Kent.....         | do.....                        | do.....                       | 750 00    |
| T. McLelan.....         | do.....                        | do.....                       | \$750 00  |
| do.....                 | Private Secretary.....         | do.....                       | 600 00    |
|                         |                                |                               | 1,350 00  |
| V. H. Steele.....       | 3rd Class Clerk.....           | 1st to 30th June, 1884.....   | 62 50     |
| T. Aumond.....          | do.....                        | 12 months.....                | 650 00    |
| A. Halkett.....         | do.....                        | do.....                       | 600 00    |
| J. A. Murray.....       | do.....                        | do.....                       | 450 00    |
| J. McClenaghan.....     | do.....                        | do.....                       | 450 00    |
| Jules Morin.....        | Messenger.....                 | do.....                       | 500 00    |
| J. Robertson.....       | do.....                        | do.....                       | 450 00    |
|                         |                                | Total.....                    | 38,775 00 |

WM. SMITH,  
Deputy Minister of Marine.

F. GOURDEAU,  
Acting Accountant.



## APPENDIX No. 28.

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING REPORT OF GEORGIAN BAY SURVEY DURING THE SEASON OF 1884.

OTTAWA, 13th November, 1884.

The Honourable

The Minister of Marine and Fisheries.

SIR,—I have the honour to inform you that since the date of my last Annual Report I have been employed as follows:—

During the winter of 1883-84 my time was fully occupied in office, in the computations resulting from the field work of the previous autumn, together with the preparation of my rough sheets for filling in during the summer of 1884.

On the 22nd of March, 1884, Mr. W. J. Stewart, Lieutenant Canadian Militia, First Graduate and Gold Medallist of 1883, from the Royal Military Academy, Kingston, was appointed my assistant. The manner in which he was able to take up and duplicate my previous calculations showed the sound mathematical training his abilities had enabled him to take advantage of at the Royal Military Academy.

On the 25th of April, having taken possession of the surveying instruments ordered by the Department from England, I left Ottawa for St. Catharines, to superintend the especial fittings necessary for a surveying vessel.

In order to get on my ground at as early a date as possible (the spring being now well advanced), exceptional means had to be adopted in the fitting out of H.M. Dominion surveying steamer "Bayfield."

In connection with the swinging of the ship for compass deviation, I established at Port Dalhousie posts, to enable masters of vessels, on their way through that great thoroughfare, the Welland Canal, to test their steering compasses on the four quadrantal points, so that by means of directions printed at the expense of the Department of Railways and Canals, the error on any course may be approximately determined.

On the 26th of May Georgian Bay was reached, and on the 28th of October, the weather being no longer suitable for profitable surveying work, the vessel was laid up at Owen Sound, as being the nearest harbour containing a dry dock and other facilities for refitting.

In the interest of the survey, I trust this will remain the winter port as long as the survey of Georgian Bay continues. Between the above mentioned dates the time was occupied in surveying in detail, on a scale of 1 inch to the nautical mile, that part of Georgian Bay bounded on the west by and including the south-east coast of Grand Manitoulin Island, and on the east by the meridian running through Cabot's Head, as far north as the parallel of Cape Smith.

This includes the various channels leading into Georgian Bay from Lake Huron. In addition to this, plans on a large scale were made of Tobermory (Collin's) Harbour, and Club Island Harbour.

The peculiarly irregular character of the bottom necessitated very close sounding, the number of linear miles being 2,120, and square miles 790. These figures but inadequately represent the amount of work, as in the especial examination of a shoal for the shallowest part (which is usually very small, and therefore easily missed), many more depths have to be taken than can be put down on the paper, as well as miles traversed, which can not be measured.

The number of miles of coast line chartered was 150.

Owing to the almost continuously breezy weather, much of the work which would otherwise have been done in the open boat had to be accomplished in the

vessel. This, among the many reefs in the vicinity of the entrance to the bay, was attended with considerable anxiety.

In consequence, however, of the local knowledge and vigilance displayed by my sailing master and pilot, Alexander McGregor, and the unceasing attention paid to the engines by my chief engineer, Mr. Charles Linter, I was enabled to take the vessel in closer proximity to those dangers than under less fortunate circumstances would have been prudent.

On Sunday, the 7th of September, hearing that a vessel was ashore on the Lake Huron side of Fitzwilliam Island, I proceeded to her assistance, and found her in a perilous position, on a reef I had just examined. The extent of the reef made it difficult to approach her with safety, but after sundry attempts, we had the satisfaction of extricating her. The particulars were reported to you in my letter of the same date.

The season was not favorable to hydrographical surveying, being as before stated unusually windy, even for Georgian Bay, together with the hazy weather, caused no doubt by bush fires.

As the correct knowledge of the magnetic declination, commonly called the variation of the compass, is an essential feature in a new chart, requiring, if possible, better instruments and more time than I can well spare out of a short summer, I would respectfully request that the Superintendent of the Toronto Observatory, where proficiency and interest in this particular branch of science is so well known, be instructed to take, with the delicate magnetical instruments in his possession, such observations as will give a more accurate position of the isogonics in this locality, where the Laurentian and Silurian formations impinge, and from which contiguity one would naturally expect abnormal changes.

In the interests of this survey, I think it advisable the Department should know that, to the crew, hydrographical surveying is extremely monotonous work, which is the hardest kind of all work—that, unlike seafaring men in other employments, they do not see their homes from the beginning to the end of the season.

That giving the depth of the water—a mistake in which may involve the loss of a vessel and lives—is a responsible duty, and can only be entrusted to intelligent and trustworthy men.

The season for hydrographical surveying is necessarily shorter than that on other employments in which they would be engaged.

I mention these circumstances to show you that, in order to induce first-class men to join and stay in this work, good wages must be given, and every material comfort that the circumstances can afford.

I am happy to say, for the credit of a Dominion Government vessel, that among thirteen working hands, placed occasionally in very tempting circumstances, that in the whole five months not the slightest suspicion of insobriety or disobedience occurred, and I trust that nothing will transpire which will prevent their rejoining, such being their present intention. The country suffers a great pecuniary loss by the time occupied in breaking in new hands.

The time of my assistant and myself will be fully occupied during the present winter in preparing, subject to your approval, for the engraver in London, under the auspices of the Hydrographer to the Admiralty, a coast sheet of the work done during the past season. This chart I trust will be in circulation by the opening of navigation. Accompanying sailing directions, being the commencement of "The Georgian Bay and North Channel Pilot," will also be prepared for the printer.

I propose next summer to continue the survey westward into the North Channel, more especially as I have my skeleton sheets for that locality, as far westward as Gore Bay, already prepared, and a portion of that district sounded. In these waters a small steam launch would be of service.

The size of the "Bayfield" will not admit of another boat's crew, which an additional assistant would necessitate.

I have the honour to be, Sir,

Your obedient servant,

J. G. BOULTON,

*Staff-Commander, R.N., in charge of Georgian Bay Survey.*

APPENDIX No. 29.

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Survey of Georgian Bay, for Fiscal Year ended 30th June, 1884.

|                               |   | \$     | cts. | \$     | cts.  |
|-------------------------------|---|--------|------|--------|-------|
| Allan Line.....               | Passage of Commander J. G. Boulton from England.....                            | 91     | 98   |        |       |
| John Black & Co.....          | Patent logs and lines.....  | 112    | 97   |        |       |
| do .....                      | Instruments for surveying.....  | 984    | 31   |        |       |
| J. D. Potter .....            | Charts.....   | 150    | 50   |        |       |
| James Hope & Co.....          | Field books.....  | 1      | 20   |        |       |
| John Leslie.....              | Barometer.....  | 9      | 00   |        |       |
| Geo. Collins.....             | Paid freight on leads and lines.....  | 6      | 19   |        |       |
| H. St. A. Ormond .....        | do chronometer.....   | 3      | 92   |        |       |
| A. Mortimer.....              | Books.....  | 3      | 75   |        |       |
| J. & C. Nople.....            | Hire of tug in fall of 1883 before purchasing steamer.....                      | 1,350  | 00   |        |       |
| "Morning Chronicle" .....     | Advertising for sale of wooden steamer. ....                                    | 29     | 60   |        |       |
| M. P. McElhinney.....         | Examining vessels for sale.....   | 63     | 40   |        |       |
| Express Company.....          | Charges on box of instruments, &c.....  | 8      | 75   |        |       |
| Pritchard & Mingard.....      | Rubber stamps, &c.....  | 2      | 00   |        |       |
| W. J. Murray.....             | Purchase money for surveying steamer "Edsall" afterwards named "Bayfield" ..... | 15,000 | 00   |        |       |
| P. H. Cogswell.....           | Packing chronometer.....  | 7      | 43   |        |       |
| S. Cunard & Co .....          | Freight on do .....   | 5      | 13   |        |       |
| H. Jarvis.....                | Cotton duck.....  | 98     | 40   |        |       |
| D. Mesler.....                | Tank and provision box. ....  | 70     | 09   |        |       |
| George Brush.....             | Steam winch .....   | 280    | 00   |        |       |
| J. Hazlett.....               | Ætna grates for furnace of steamer.....   | 159    | 66   |        |       |
| Receiver-General.....         | To pay Department of Interior for artificial horizon .....                      | 21     | 52   |        |       |
| W. J. Stewart.....            | Salary from 2nd August, 1883, to 30th June, 1884, as assistant .....            | 550    | 00   |        |       |
| Commander J. G. Boulton ..... | Disbursements from 2nd August, 1883, to 30th June, 1884.....                    | 2,850  | 41   |        |       |
| do .....                      | Pay-list wages, from 2nd August, 1883, to 30th June, 1884. ....                 | 819    | 75   |        |       |
| do .....                      | Salary from 2nd August, 1883, to 30th June, 1884 .....                          | 3,265  | 00   |        |       |
| do .....                      | To be accounted for in 1884-85.....   | 624    | 15   |        |       |
| Queen's Printer.....          | Stationery, &c.....   |        |      |        |       |
|                               |   |        |      | 26,669 | 27    |
|                               |   |        |      |        | 76 27 |
|                               |   |        |      | 26,745 | 54    |

WM. SMITH,  
Deputy Minister Marine.

F. GOURDEAU,  
Acting Accountant.

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 APPENDIX No. 30.
 

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 REPORT OF THE HUDSON'S BAY EXPEDITION, UNDER THE COMMAND  
 OF LIEUT. A. R. GORDON, R.N., 1884.
 

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METEOROLOGICAL OFFICE, TORONTO,

1884.

 The Honorable A. W. McLELAN,  
 Minister Marine and Fisheries,  
 Ottawa.

SIR,—I have honour to submit, herewith, my report on the conduct of the Hudson's Bay Expedition of this year, under my command.

I desire to acknowledge the cordial assistance and co-operation which I received from Dr. Bell, who was appointed as medical officer and geologist to the expedition; and also from Mr. W. W. Fox, who accompanied the expedition as a volunteer. Both Mr. Fox and Dr. Bell took large numbers of photographs of the various posts and the scenery of the coast. Mr. Fox also made free-hand sketches of the coast profile, at many points, for me.

Dr. Bell's report forms Appendix A to this Report.

Appendix B is a series of tables showing temperature, &c., at Fort Chimo, in Ungava Bay, taken by Mr. Lucien M. Turner, of the United States Signal Service, which he has favored us with, by kind permission of General Hazen, the chief signal officer of the United States army.

Of the officers and men forming the staff of the expedition, it gives me much pleasure to report that they, each and all, performed the several duties assigned to them in the most satisfactory manner.

The Report submitted herewith is divided into the following sections:—

1st. Narrative.

2nd. Navigation—including Ice, Currents and Meteorological Observations.

3rd. Resources of the Region.

4th. Trade.

5th. Natural History, Inhabitants and Fauna.

6th. Proposed Work for next Year.

Appendix A.—Report of R. Bell, Esq., M.D., F.G.S.

Appendix B.—Observation, at Ungava Bay, by L. M. Turner, Esq., United States Signal Service.

I have the honour to be, Sir,

Your obedient servant,

ANDREW R. GORDON, Lieut., R.N.,

*Commanding H. B. Expedition.*

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The Honorable A. W. McLELAN,  
Minister Marine and Fisheries,  
Ottawa.

SIR,—I have the honour to report, relative to the Hudson's Bay Expedition, that, in accordance with your letter of instructions, dated 5th July, I proceeded to Halifax, N.S., and took charge of the preparations for the expedition.

On the 14th of the same month I received the following note from Messrs. S. Cunard and Co. :—

“ HALIFAX, N.S., 14th July, 1884.

‘ Lieut. A. R. GORDON, R.N.,  
“ Halifax, N.S.

“ DEAR SIR,—In accordance with instructions received from Messrs. Job Bros., we “ this day hand over to you the S.S. ‘ Neptune,’

“ Yours truly,

“ S. CUNARD & CO., Agents.”

The “ Neptune ” having been placed at the disposal of the Department, the greatest dispatch was used in coaling and putting on board the supplies for the expedition, and at two o'clock in the afternoon of Tuesday, 22nd July, the coals, lumber and other supplies being on board, the members of the expedition embarked, and one hour later we left our moorings at the Marine Wharf for Hudson's Bay.

The staff of the expedition was composed as follows :—

Robert Bell, M.D., F.G.S., of Ottawa, geologist and medical officer.

Messrs. R. F. Stupart, of Toronto; C. R. Tuttle, of Winnipeg; W. A. Ashe, of Quebec; C. V. Deboucherville and A. N. Laperriere, of Ottawa; William Skynner, of Springfield, Ont.; H. M. Burwell, of London, Ont.; and H. T. Bennett, observers.

Mr. W. W. Fox, of Toronto, photographer.

Messrs. Yeadon, McNeill and Quigley, carpenters.

Messrs. R. Currie, J. E. Campbell, H. M. Rainsford, W. H. Jordan, M. W. Keating, Fred. Drysdale, Jno. W. Chaplin, John W. McDaniel, W. F. Esdaile, Andrew Inglis, Adam Maher and Robert Youill, stationmen.

The officers and men, who remained out all winter, had each of them been examined by medical men, and pronounced physically well-fitted to withstand the rigors of an Arctic climate.

The expedition touched at Blanc Sablon on the 26th of July, and on the evening of Tuesday the 29th anchored in Ford's Harbour, at the east end of Paul's Island. At this place I went on shore and arranged with Mr. Ford to pilot us into Nain. He boarded the “ Neptune ” at daylight the following morning, and by nine o'clock we had anchored off the Nain Mission House.

I visited this place in the hope of obtaining furs for the men who were to remain at the stations during the winter, and of being able to engage Eskimo interpreters. I secured a few articles of fur clothing, but there were no interpreters to be had. The Chief Superintendent of the Mission told me, however, that, in all probability, I would be able to procure some fur clothing, and interpreters as well at the Hudson's Bay Co.'s Post at Nachvak, still further to the north, on the Labrador coast.

We remained at Nain during the day and were kindly treated by the missionaries who, besides imparting religious instruction to the natives, carry on an extensive trade with them. They have six stations in all on this coast, of which Nain is the capital. The others are Hopedale, Zoar, Hebron, Okkak and Ramah. During the day I took observations to ascertain the dip of the magnetic needle and vibrations for horizontal force, but was unable to obtain sights for the error of the chronometer or variation, owing to the inclemency of the weather.

During the voyage from the Gulf of St. Lawrence to this place we met with a great number of icebergs, both in the Straits of Belle Isle, and off the Labrador coast, north of it.

The expedition left Nain about 4:30 o'clock on the morning of 31st July, and reached Nachvak Bay about noon on the 1st of August, and cast anchor before the Hudson's Bay Co.'s post at Nachvak, about 4 o'clock in the afternoon. Here I met Mr. George Ford, the agent of the Hudson's Bay Company and a brother of our Nain pilot. From him and from the natives in the vicinity I purchased some skin clothing, and through his kind assistance was enabled to procure the services of Mr. James Lane, an Eskimo half-breed of Nachvak Bay as interpreter.

I learned from Mr. Ford that ice takes over the harbour of Nachvak, latitude  $59^{\circ} 10' N.$ , longitude  $63^{\circ} 30' W.$ , about the middle of November in each year and that for the last seven years it has broken up within a day of the 26th of June in each year.

On the 2nd of August, at day light, we left the post at Nachvak, and after taking Mr. Lane on board at the mouth of the Bay, proceeded to sea for Cape Chidley. On the morning of the 3rd—Sunday—the fog was so dense that we were compelled to stand off to sea, and lie to. Noon position, lat.  $60^{\circ} 51' N.$ , long.  $64^{\circ} 14' W.$ , D. R.

The fog continuing, we were obliged to lay to all day Sunday, all night Sunday night, all day Monday, and all night Monday night, off the entrance to Hudson Strait. Noon position Monday, 4th August, D. R. lat.  $61^{\circ} 12' N.$ , long.  $64^{\circ} 13' W.$

At daylight on Tuesday, 5th August, the weather was clearing, and by sunrise it was bright and fair. At noon we were approaching Cape Chidley, having been carried some forty miles to the south whilst laying-to in the fog. We steamed through Grey Strait, between the Cape and the Button Islands, keeping a close look out for a harbour. At three o'clock in the afternoon we anchored in a fine harbour on the north-western shore of the Cape, at the entrance to Ungava Bay.

On the shore of this harbour I selected the site for Observing Station No. 1, and named the place Port Burwell, after the observer appointed to that station. Two families of Eskimos were discovered about six miles distant from Port Burwell.

The work of landing lumber and supplies was begun at once, and by 4 o'clock on the afternoon of Friday the 8th, the buildings were up and all was in readiness for departure. I placed Mr. H. M. Barwell, of London, Ontario, in charge of this station, with Messrs. Currie and Campbell as stationmen, and besides giving him full directions verbally, left with him, as also with each of the other observers, a copy of the following general instructions:—

#### INSTRUCTIONS TO OFFICERS IN CHARGE OF STATIONS IN HUDSON'S BAY AND STRAITS.

As the primary object of the whole expedition is to ascertain for what period of the year the Straits are navigable, all attention is to be paid to the formation, breaking up and movements of the ice.

Each station is supplied with a sun dial and time piece, and the clock is to be tested each day when there is sunshine about noon. A table of corrections is supplied for the reduction of apparent time to local mean time, to this the difference of time will be applied to 75th meridian, all entries being made in the time of this meridian, and observations will be taken regularly at the following times throughout the year, viz., 3 h. 08 m., 7 h. 08 m., 11 h. 08 m., a.m. and p.m.

Each morning the sums and means of the observations taken on the previous day will be taken out and checked over, they will then be entered in the abstract books supplied for the purpose.

After each observation during day light the observer on duty will take the telescope and carefully examine the Straits, writing down *at the time* all that he sees, stating direction and (when possible) velocity of tide, movement of ice, if any, also describe the condition of the ice, whether much broken up, solid field, &c., &c.

*Tidal Observations.*—Each day the time and height of high and low water is to be carefully observed, and during the open season the character of the tide will be carefully noted for two days before and three days after the full and change of the moon. For this purpose a post marked off in feet and fractions of a foot is to be placed in the water, at low water in some sheltered spot, if any such be available.

and the height of the water noted every half hour during the rise and fall of one tide on each of these days—the height to be noted most carefully every five minutes during the hour of high water and the same at low water—the five minute observations will also be taken for one hour during the most rapid portion of the rise. Special observations of barometric pressure are to be taken in connection with these tidal observations.

To check the zero mark for the tidal observation post, select a spot on shore from which the horizon line will be projected on the tidal post, and record the reading of this line when seen projected on the post by the observer, whose eye is to be placed at a measured height above the datum point selected on shore.

All remarks in regard to the movements of birds, fish, &c., and also as to the growth of grasses, will be carefully entered.

As it is impossible to give to the officers in charge of stations detailed instructions which would be of service in every contingency which might arise, the officers are required to observe and enforce the following rules:—

(a.) Every possible precaution is to be taken against fire, and as it is anticipated that the temperature can be maintained considerably above the freezing point inside the houses, two buckets full of water are always to be kept ready for instant use.

(b.) As the successful carrying out of the observations will, in a great measure, depend on the health of the party, the need of exercise is strongly insisted on during the winter months, and also that each member of the party shall partake freely of the lime juice supplied.

(c.) Each party is supplied with a boat, but unless some emergency required it, it must be a rule that neither afloat nor ashore must any of the party leave the station for a greater distance than they can be sure of being able to return the same day.

(d.) As soon as possible after the houses are completed and the stores all in place, the party will set to work collecting sods, grass or any other non conducting material, and before the winter sets in the whole house is to be covered with this, boards overlaid and snow packed over all; the assistance of the Esquimaux should, if possible, be obtained, and the whole house arched over with snow.

ANDREW R. GORDON, Lieut. R.N.,  
*Commanding Expedition.*

OTTAWA, 5th July, 1884.

The expedition left Port Burwell at 5 o'clock on the evening of the 8th, and shaped course for the Lower Savage Islands, where it was intended that Station No. 2 should be placed. On the following morning there was a dense fog until 8 o'clock, when it lifted, and at 9 o'clock we sighted Resolution Island. We passed a number of icebergs in the forenoon, and passed between Resolution Island and the Lower Savage Islands to East Bluff, then going about and steering along the south coast of the Lower Savages.

We spent the day in looking for an anchorage at the Lower Savages, and on a portion of the north main coast, a boat was sent ashore twice to examine what appeared to be possible harbours; but, on both occasions, the report was unfavourable; there was a stiff breeze blowing all day. At nightfall we pushed out into the Strait and laid to until morning, when it was intended to renew the search. At daylight on the morning of the 10th, we steamed shorewards and examined part of the coast north of the Lower Savages, but a heavy snow storm setting in, with a fresh gale from the south-east, and a falling barometer, I decided to abandon Resolution Island Station for the time being, and push on towards North Bluff. The latter place was reached about 4 p.m., on Monday, the 11th, after working our way through some open stretches of ice. Here we found a good anchorage on Big Island (called by Schwatka, Turenne Island), which forms the southern side of North Bay.

A suitable place was selected for the station buildings, and the place was called Ashe's Inlet, after Mr. W. A. Ashe, the observer assigned to that station.

We found here a number of Eskimos, who seemed to be much pleased at seeing white people coming into their country.

We were delayed a good deal at Ashe's Inlet by bad weather and by the field ice coming into the harbour and interfering with the work of landing lumber and supplies, but at noon on the 16th all was in readiness for the start. I left with Mr. Ashe, for the time being, Mr. Skynner and his two men, Messrs. Rainsford and Jordan, whom I was unable to place on Resolution Island, and at 2:30 the "Neptune" was directed towards the south shore of the strait, and at 8 o'clock on the morning of the 17th we sighted the north-west shore of Prince of Wales Sound.

On approaching the land, we forced our way through about twelve miles of field-ice, more or less compact. Towards the shore the ice was more open, and much of it was aground in three and four fathoms of water. We anchored about 2 p.m. in a well-sheltered bay, about three miles along the north-west coast of the sound, from the south main shore of the strait. A few minutes later a number of Eskimos were seen on shore. They were very much delighted when they learned that we were going to establish a station among them. I named this place Stupart's Bay, after Mr. R. F. Stupart, the observer assigned to that station.

On account of the magnetic observations to be taken, two extra buildings were required at this station, but notwithstanding the extra work to be done, everything was in readiness for our departure on the evening of the 22nd.

Accordingly we left Stupart's Bay on that evening, and had to work our way through about eighteen miles of more or less compact field ice. We laid-to in the ice all night. On reaching the open water we shaped our course so as to clear the eastern point of Charles Island, after clearing which we steamed towards Nottingham Island, and succeeded in making a good harbor on the south-east shore of that island about 3 o'clock on the 24th.

On approaching Nottingham Island we found very heavy ice, extending for some fifteen or twenty miles eastward from that island and Salisbury, filling the channel between these islands and extending southward towards Cape Wolstenholme as far as we could see.

On approaching the harbour we had the misfortune to break one blade off the propeller. Fortunately a spare fan had been brought in the ship, and beyond the work entailed by unshipping the broken one, fitting the shaft in the new one and getting it into position, which occupied the engineers about three days, we suffered no damage in consequence.

Soon after our arrival at Nottingham we sighted four vessels in the channel between us and the south main shore. They were about twelve miles distant, and fast in the field ice. Later we passed near enough to one to observe that she was bark rigged, and probably the outgoing Hudson Bay Company's vessel, and to another, an American whaling schooner, to exchange salutes with her by dipping ensigns.

We met with no natives at Nottingham Island. The work of erecting station buildings and landing the supplies occupied us until the morning of the 29th, when, at 9 o'clock a.m., having taken leave of Mr. C. V. DeBoucherville, the observer assigned to that station, and his men, Messrs. Esdaile and Inglis, we left the harbour, which I had called Port DeBoucherville, and steamed out among the ice towards Mansfield Island.

We found the ice exceedingly heavy and closely packed, so much so that after ramming our way some five miles out, and while yet within sight of the harbour, we were compelled to lay to until the change of tide should loosen it. After three hours' waiting, we again went ahead with the engines, the ice having run abroad a little; but when darkness closed upon us, we were still in the ice and were compelled to lay to until the morning.

Soon after daylight on Saturday morning, the 30th, we got out of the ice into the open water of Hudson's Bay, and by 7 o'clock sighted the low, barren shores of Mansfield Island. According to the original plan, a station was to have been placed on this island, but after coasting its eastern shores without finding an anchorage, I decided, about 7 o'clock in the evening, to abandon it altogether, and push on across the bay, in the hope of being able to place a station on Cape Digges on the return voyage.



Meanwhile, however, I proposed to examine the shores of Southampton Island, which lies to the north-west of Mansfield, with a view of ascertaining if that would be a more suitable place for a station. I did this on Sunday, skirting the south-east shore from Cape Southampton, some fifty miles, without finding an anchorage.

We then directed our course towards the north-west of the bay, in order to visit Marble Island, and to see if the northern part of the bay was free of ice. At noon on the first day of September we were off the mouth of Chesterfield Inlet, no ice having been sighted.

We then bore up for Marble Island, where we arrived early in the morning of 2nd September, and anchored in the Whalers' Harbour at the south-west of the island, and remained until seven o'clock in the evening.

During the day I took observations to ascertain the latitude and longitude, the variation of the compass and the dip of the magnetic needle, and in the afternoon made a hurried survey of the harbour.

We were somewhat disappointed at not finding native or other inhabitants on the island, and surprised at seeing so many evidences of the dead, there being no less than nineteen graves on Dead Man's Island, which forms the southern side of the harbour, and a monument commemorating the death of six more who had been drowned in a whale boat, in the "Welcome."

While at Marble Island I found a letter that had been left in a bottle by Capt. Fisher, of the whaling bark "George and Mary," that had wintered in the harbour. The letter was probably intended for one of the out-going whaling vessels. I made a copy of the letter, which is as follows:—

"Aug. 7, 1884.—On board the bark "George and Mary," Marble Island. All well. Three whales. The north part of the bay has been filled with ice since the 10th of July. Could not get up the Welcome, nor to the east shore. Had a very cold winter and spring. On the 23rd of May the thermometer was 4° below zero. Got out the 7th of June. Laid in the outer harbour all winter. No natives came to the ship while we lay at Marble Island. Had plenty of scurvy, but came out of it all right. Shall stay in the Welcome until the last of August, then start for home if nothing happens.

"(Signed), E. B. FISHER,  
of the 'George and Mary.'"

From Marble Island we directed our course towards Churchill, meeting with heavy weather on the voyage, and arriving off the mouth of the Churchill River on the evening of the 3rd. Owing to heavy north-west winds, fog, and to our not being acquainted with the approach to Churchill Harbour, we were compelled to lay-to off Cape Churchill until the forenoon of the 6th, when, the weather clearing, we steamed into the harbour and anchored.

At this place I received and accepted the resignation, owing to ill-health, of Mr. C. R. Tuttle, who had been appointed observer at Churchill, and arranged with Mr. Spencer, the agent of the Hudson's Bay Company stationed there, to take the required meteorological observations, engaging, on behalf of the Government, to pay him a salary of \$120 per year.

We remained at Churchill, taking ballast, &c., until the 9th, when, about 7 o'clock in the evening, we started for York Factory.

I must acknowledge the extreme kindness and generous attention extended to the expedition by the officers of the Hudson's Bay Company at Churchill. They did all in their power to make our visit pleasant, and to supply me with fur clothing, &c.

We arrived in sight of the beacon at York Factory on the morning of the 11th, and anchored in the roadstead, some eighteen miles distant from the Factory, at ten o'clock in the forenoon, and signalled for a York boat, which was pushed off at once, but which, owing to contrary tide and wind, did not reach us until 5 o'clock in the evening.

Mr. Cowie, chief accountant of the post, accompanied the boat out, and he kindly undertook to take us in and bring us out again the next day. We arrived at the

Factory about 3 o'clock on the morning of the 12th, and left again at 3 in the afternoon.

Mr. Wood, storekeeper at York, has been observer in connection with the meteorological office for some years. I compared his instruments and adjusted them, and found his meteorological work all well done, and the observer much interested in the work.

I obtained some additional clothing from Mr. Fortescue, the chief factor at that post, and, as at Churchill, was most hospitably received by all the officers of the company.

We reached the "Neptune" in the York boat about 5 o'clock in the evening of the 12th, and weighed anchor at 7, and shaped our course for Cape Digges.

We found a good harbour on the south-western extremity of the larger Digges Island, and anchored on the morning of the 16th. Here I decided to place a station, in charge of Mr. Laperriere, and called the place Laperriere Harbor. I regarded the place as most suitable for a companion station to that of Port DeBoucherville. The distance between the two is about forty-five miles, and, as the vast stretches of ice that we met with between Nottingham and Digges on both the outward and homeward voyages, made that channel a point of the greatest importance, I consider it as desirable that the two stations should be established there.

On the morning of 20th September, the buildings having been completed and supplies landed, I prepared for departure. Mr. Laperriere was placed in charge of the station, with Messrs. Quigly and Maher as stationmen. I substituted Mr. Quigly, one of the carpenters, for Mr. Youill, whose condition of health rendered him unfit to be left there.

On the homeward voyage the expedition touched at Port DeBoucherville, Ashe's Inlet and Stupart's Bay, leaving such furs and other clothing as I had obtained for the comfort of the men. At Ashe's Inlet I took on board Messrs. Skynner, Rainsford and Jordan, and left with Mr. Ashe, Messrs. Keating and Drysdale, the men originally intended for that station.

From Stupart's Bay we made for Resolution Island, hoping to be able to place a station on the shores of that island. Arriving on the west coast of the island on the morning of the 26th of September, we coasted along in search of a harbour. At 9 o'clock a boat was sent in to examine a bay that promised well. The vessel followed some distance astern, going dead slow, with a look-out man on the jib-boom. Leads were going from both the boat and the ship. Presently the boat reported only four fathoms; a little distance astern we had ten fathoms from the ship. In canting the ship, there being a strong northerly breeze, and the tide setting to the southward, the vessel struck a sunken rock and remained there, grinding a little at each sea, for about nine minutes. She was, however, worked off without sustaining much serious damage. A piece of wood came to the surface, supposed to be one of the scarf pieces butting on the stem plates.

We steamed further down the coast to the south-east, when about noon another bay was discovered. The mate was again sent in, in charge of the boat, to make soundings. At length he returned and reported a good harbour. We steamed slowly in, following as nearly as possible, the boat track, the engines alternately going dead slow and stopping. The lead was going constantly, and there was a look-out in the fore-top and one on the jib-boom. At 1 o'clock while the leadsman was reporting "twelve fathoms and no bottom abreast of the main rigging, the ship suddenly struck forward and the men on the look-out shouted "go astern." The ship struck very heavily and rolled two or three times. As she rebounded her engines were reversed and she was put out to sea at once.

We coasted along to Cape Best, but as there were no signs of a harbour, and as the wind was threatening a gale, and a heavy cross sea running, and as the ship had struck twice and received considerable damage, Captain Sopp advised that the station on Resolution Island be abandoned, and I felt, under all the circumstances, bound to abandon it. We had examined over sixty miles of the coast, and altogether we had expended nearly three days steaming in search of a harbour. I therefore requested

the Captain to shape our course for Port Burwell, and in that excellent harbour, we anchored at 8 o'clock on the morning of the 27th of September.

At this place we took ballast and filled up the bunkers with coal from the hold.

On our return here, as at the other stations, we found all in good health and spirits, liking the work, and well satisfied with all that had been provided for them. The provisions, especially the evaporated fruits and vegetables were spoken of as being of an excellent quality.

We continued the homeward voyage from Port Burwell at 3 p.m., on 29th September, carrying the ebb tide with us through Grey Strait for Nachvak Bay.

At noon of the 30th we anchored in a cove on the north side of the entrance to the bay, and having selected a site for the house, proceeded at once with its erection and with the work of landing the stores.

On Saturday evening, the 4th October, the work was completed, but as it had been a week of unusually hard work for all hands, I lay in harbour till daylight on Monday morning, the 6th, when we proceeded to sea for St. Johns, Newfoundland, where we arrived on the morning of Saturday, the 11th, and having delivered the ship up to the owners, Messrs. Job Bros. & Co., I took passage for the entire party in steamship "City of Mexico," sailing that day for Halifax.

### *Navigation.*

The ice has been supposed, hitherto, to be the most formidable barrier to the navigation of the straits, but its terror disappears, to a great extent, under investigation. The ice met with on the cruise of the "Neptune" may be divided into three classes—having distinctly separate origins. They are: icebergs from the glaciers of Fox Channel; heavy arctic field ice from the channel itself, and what may be called ordinary field ice, being that which had been formed on the shores of the bay and straits.

We met no icebergs in Hudson's Bay, nor did I hear of any being seen there. In the straits a good many were seen, principally along the north shore, where many of them were stranded in the coves, and some were met with in mid-channel. Of those seen in the eastern end of the straits, some had undoubtedly come in from Davis' Straits, passing between Resolution Island and East Bluff; but all of those met to the westward had come from Fox Channel, as observations made by Mr. Ashe, at North Bluff, show, that an iceberg coming in sight from the westward will pass out of view to the eastward in from three to four tides, showing an easterly set of upwards of ten miles a day. The icebergs seen in Hudson's Straits, in August and September, would form no greater barriers to navigation than do those met with off the Straits of Belle Isle, nor were they more numerous in Hudson's Straits than they frequently are off Belle Isle.

The ordinary field ice was met with off North Bluff and the Upper Savages, on the 11th of August. This ice, though it would have compelled an ordinary iron steamer to go dead slow, gave no trouble to the "Neptune," the mate on watch running the ship at full speed through between the pans, rarely touching one of them. Just before entering Ashe's Inlet we had to break through a heavy string, which was, however, done without in the slightest degree injuring the ship. In the harbour (Ashe Inlet) the ice came in, with the flood tide, and set so fast that the Eskimo were able to walk off to the ship, a distance of three-quarters of a mile. On the south shore our experience was much the same, but no ice was met with through which the ship could not have forced her way without damage. In the centre of the straits, to the east of North Bluff, no field ice was seen at all, and after leaving Stupart's Bay, on the outward voyage, although the vessel lay-to for the night in the ice, it was only to wait for daylight, and not because the ice was too heavy. This pack extended about eighteen miles out into the straits, and after getting over this distance we came into clear water. From this point to Charles Island, and thence to the end of Salisbury Island, long strings of ice were frequently seen, but as their direction was invariably parallel to our course, or nearly so, we coasted round them. On the homeward voyage none of this field ice was seen. The Eskimo, both at Ashe

Inlet and Stupart's Bay, informed me that there was an unusually great quantity of ice in the straits this year, and that they had never seen the ice hang to the shores so late in the season.

**The Heavy Arctic Ice.**—After passing the east end of Salisbury Island the ice got heavier and closer, and when off Nottingham Island the pack was so run together that I determined to give up the attempt to force the ship through it, and working out again, headed more to the southward. In making in for the land here we broke the propeller, but succeeded in taking the ship into harbour with the stumps.

Viewed from the top of a hill on Nottingham Island the sea in every direction was one vast ice field, and to the southward, between South-east Point and Cape Digges, we saw four vessels fast. This ice was altogether of a different type to what we had hitherto met with. Some of it was over 40 feet thick of solid blue ice, not field ice, which had been thickened by piling of pan on pan, but a solid sheet of ice which had evidently been frozen just as we saw it. Much of it was 20 feet thick, and for the general average of all the field we passed through coming into harbour, I estimate that the thickness would have been upwards of 15 feet. The question as to the origin of this ice and whether it will be frequently met with in the west end of the Straits is an important one; for in such ice, when closely packed, a vessel even of the build and power of the "Neptune," was perfectly helpless. I do not consider that it is possible for ice to form in Fox channel to a greater thickness than 10 feet in a single year, and I feel convinced that much of the ice which we encountered was the accumulation of several years.

The depth to which water will freeze has, so far as I know, never yet been determined, but it is certain that ice being a very poor conductor of heat, when once a certain thickness of ice has been formed, the rate of thickening will be very slow. In regard to this point, measurements of the formation of ice will be made at some of the observing stations in Hudson's Straits this year, which will assist in finally determining this question.

If, as seems probable from the reports of the Hudson's Bay ships, this year and last year have been exceptionally heavy ice years, it is reasonable to conclude that only occasionally does this heavy Fox Channel ice appear in Hudson's Straits. Another piece of confirmatory evidence as to the exceptional nature of the ice met with in the northern part of the Bay this year is the statement in Capt. Fisher's letter, found at Marble Island and quoted in the narrative portion of my report, that he had been unable to reach, up to the date of his letter, the east shore, or to go up the Welcome on account of the ice.

The harbour ice forms at Churchill on the average about the middle of November and breaks up about the middle of June. As this is the only known harbour on the west coast of the bay, these times may be taken as marking the extreme limits of the season during which it would be possible for a ship to enter and leave the harbour.

It is only fair to state, that had I been making the passage from Cape Chudleigh, direct to Churchill instead of coasting and working across the straits, I do not consider that I should have been delayed by ice, more than forty-eight hours: but no ordinary iron steamship, built as the modern freight carrier is, could have got through the heavier ice that we met without incurring serious risk, if not actual disaster.

Since the foregoing was written, I have received a copy of the Report of Lieut. Ray, United States Signal Service, to the Chief Signal Officer, on the conduct of the observations at Point Barrow in the Arctic. He gives as the greatest thickness of ice formed in one season 6 feet 2 inches. At Point Barrow the formation of ice on the shore is certainly influenced by the passage of a current of warm water passing through Behring Straits and setting north-east.

Fox Channel has no such advantage, and I still think it possible that a sheet of ice 10 feet in thickness might be formed there in one season.

**The Compass.**—In working through the straits, especially at the western end, I found the ordinary compass so sluggish as to be almost useless. The Sir Wm. Thomson card, however, worked admirably when properly compensated.

The reason of the difficulty with the compass is, that from the proximity to the magnetic pole the horizontal directive force of the earth's magnetism, which alone directly affects the compass needle, is very small compared with the whole magnetic force; consequently, the effect of induced magnetism in the iron of the ship on the compass becomes very large in comparison with the direct action above mentioned; the result being, that in an imperfectly compensated compass the error due to local attraction is very greatly increased.

The means of correcting this error in the Sir Wm. Thomson binnacle are perfect and easily mastered, and the system is such that the compass can, after the first voyage or two, be perfectly compensated by using certain proportions of soft iron bars and magnets, as correctors, the proportion having to be determined by actual observation and experiment on the voyage.

All steamships making the voyage through the straits should have one of these compasses as a standard, and the captains should familiarize themselves with the methods of correcting them, and as often as opportunity offers take azimuth observations, both stellar and solar.

#### *Currents.*

Off the entrance of Hudson's Strait I found the current setting to the southward, During the two days whilst lying off in fog, the wind was very light, and the drift of the ship must have been almost entirely due to the current. In the forty-eight hours lying-to, the ship was set forty miles to the south of her position by dead reckoning. This is a somewhat greater amount of southerly set than the Admiralty directions indicate, and ships approaching the entrance of the straits would, in thick weather, have to do so with great caution.

At Port Burwell, near Cape Chudleigh, the tide rises and falls, at springs, about 19 feet, and the current in Grey Strait, between the Button Islands and the cape, flows at the rate of about four knots an hour; and when a strong breeze is blowing against the tide, a very nasty and confused and breaking sea gets up, which fishing schooners might find dangerous.

At Ashe's Inlet, near North Bluff, the tide rises and falls 32 feet at springs. There is a tide-race off the Bluff, and within three miles of the shore the velocity of the tide currents is very great, sometimes reaching six knots.

At Stupart's Bay, near Prince of Wales Foreland, the rise and fall of the tide is 28 feet. The tides of this coast do not show as high velocities as on the north side, probably owing to the water being shoaler.

At the western end of the straits the tides also run with great velocity. The rise and fall at Nottingham Island, at spring tides, is 14 feet, and Cape Digges about 10 feet.

At the entrance of Port Churchill there is a tide-race, the velocity of which, at half-tide, I estimate at seven knots.

#### *Meteorological.*

The meteorological work, which is to be done at the stations, is as follows:—

Observations will be taken six times a day, of height of barometer, temperature of the air, temperature of wet bulb thermometer, velocity and direction of the wind, reading of hair hygrometer, cloudiness, with record of amount and kind of cloud, and direction of its movement, and rain and snow fall. Water temperatures will also be taken. The times of observation are at equal intervals of four hours, and so selected that three of them are synchronous with the regular telegraphic series taken by the observers of the Meteorological Service.

Complete observations were taken on board during the voyage and, for the purpose of illustrating the weather which was met with in Hudson's Straits, I shall compare it with that experienced at Belle Isle, a station of the Meteorological Service, and in the regular trade route between Quebec and Europe.

For the first period from 1st to 31st August.—The “Neptune” was, on 1st August, at Nachvak Bay, within 100 miles of the east end of the Straits and, on 30th August, had just left Nottingham Island on the west end, so that the month of August was spent in the straits region.

The following table is compiled from the Meteorological Records:—

|  | Belle Isle Straits. | Hudson's Straits. |
|--|---------------------|-------------------|
| Number of days on which fog is recorded.....                             | 13                  | 9                 |
| Approximate number of hours of fog.....                                  | 220                 | 102               |
| Days on which snow fell.....   | 0                   | 4                 |
| Days on which rain fell.....   | 10                  | 8                 |
| Days on which wind exceeded 25 miles per hour, but did not reach 40..... | 6                   | 5                 |
| Days on which wind exceeded 40 miles.....                                | 2                   | 1                 |

The month of August thus shows favourably for Hudson's Straits, the fog there being reported on six days only, as against thirteen days in Belle Isle; and the total number of hours of fog being respectively 102 in Hudson's Straits, and Belle Isle, 220; and if the duration of the snow storms in Hudson's Straits, nineteen hours, be added to the number of hours of fog, it still shows favourably. The number of gales also is six at Belle Isle for five in the straits; and of heavy gales, two at Belle Isle, and only one in the straits.

The following comparison for September is between Station No. 1, at Cape Chudleigh and Belle Isle:—

|  | Belle Isle Straits. | Hudson's Straits. |
|--|---------------------|-------------------|
| Number of days on which fog is recorded.....                             | 7                   | 4                 |
| Approximate number of hours of fog.....                                  | 82                  | 34                |
| Days on which snow fell.....   | 3                   | 8                 |
| Days on which rain fell.....   | 15                  | 6                 |
| Days on which velocity of wind was between 25 and 40 miles per hour..... | 4                   | 5                 |
| Days on which velocity of wind was 40 miles or over per hour.....        | 11                  | 3                 |

Days on which any snow fell are put down as snow days, though rain as well as snow may have fallen on those days.

In the character of the weather, therefore, for the two months (August and September) so far as it affects navigation, Hudson's Straits compare favourably with the Straits of Belle Isle, there being eleven heavy gales at Belle Isle against three in Hudson's Straits, and more than double the amount of fog.

The mean temperature of the month at Cape Chudleigh for August was 39°; for Belle Isle, 49°·67; and for September, Cape Chudleigh, 32°·76; Belle Isle, 43°·1.

Reports formerly received from the Labrador Mission Stations give higher mean temperature for those months, but those stations may be considered as almost inland stations in the character of their weather, and would thus show both higher temperature in summer and lower in winter than an insular station like Belle Isle.

I have received, through the courtesy of the Chief Signal Officer of the United States Signal Service, copies of the observations taken at Fort Chimo, in Ungava Bay, by Mr. Lucien Turner, who has spent two years there, and the winter temperatures given in these will not, I think, greatly differ from those in the Straits.

These tables form Appendix B to this report.

The following table gives the weather experienced in Hudson's Bay, from the 1st to 16th September:—

|           |   | Mean temperature. |
|-----------|---|-------------------|
| September | 1.—Fair weather, light N.E. winds.....        | 43°               |
| “         | 2.—Fine and cloudy p.m. with strong N.E. wind | 42°               |
| “         | 3.—Rainy weather, moderate gale from S.E..... | 40°               |

*Cape Digges and Marble Island.*

*Off Churchill.*

|           |  |       |
|-----------|--|-------|
| September | 4.—Rainy weather, strong gale, from N.W.....               | 40°   |
| “         | 5.—Cloudy weather, strong gale from N.W.....               | 40°   |
| “         | 6.—Cloudy, light rain, light N.W. wind, thick weather..... | 39 5° |

*At Churchill.*

|           |   |     |
|-----------|---|-----|
| September | 7.—Fine weather, light S.W. wind.....         | 42° |
| “         | 8.—Fine weather, light N.W. and S.W. wind.... | 44° |
| “         | 9.—Fair cloudy weather, moderate N.E. wind... | 41° |

*York.*

|           |  |     |
|-----------|--|-----|
| September | 10.—Cloudy weather, light rain, mod. S.E. wind.. | 40° |
| “         | 11.—Fair weather, moderate N.E. wind.....        | 41° |
| “         | 12.—Fair weather, light S. wind.....             | 46° |

*York to Digges.*

|           |  |     |
|-----------|--|-----|
| September | 13.—Fair weather, light N.E. wind.....           | 42° |
| “         | 14.—Fog in a.m., fine p.m., light N.E. wind..... | 35° |
| “         | 15.—Foggy weather, strong N.W. wind.....         | 34° |
| “         | 16.—Fair weather, light N.E. wind.....           | 32° |

The above shows one gale lasting nearly three days, viz., the 3rd, 4th and 5th, and two days on which fog occurred. On the 14th the fog lasted from 9 a.m. to nearly 3 p.m., closing down again early on the morning of the 15th and continuing thick fog till about 3 p.m.

*Sea Temperatures.*

The temperature of the surface water off Belle Isle on 25th July was 41.6 which gradually decreased as we proceeded northward to 34.7 on 4th August, off the entrance to Hudson's Straits.

On the homeward voyage these temperatures were, off Hudson's Straits 32.5 on 29th September, and abreast of Belle Isle, but some distance to the eastward, 36° on 9th October.

In Hudson's Straits, the mean surface temperature, as obtained from observations taken when the ship was at sea, was, on the west-bound voyage, found to be 32.9, the highest mean of a day's observations was 33.3, and the lowest 32.6. On the homeward voyage the lowest daily mean was 31.8 and the highest 33°. The highest temperatures were in each case observed at the eastern end of the straits and the lowest off Nottingham Island.

In the bay the surface temperatures varied much with the geographical positions, being 39.4 off Marble Island, 41° off Cape Churchill, 39.7 about 100 miles north-east of York Factory, observed whilst steaming across to Cape Digges, and 36° off the south end of Mansfield Island.

Hudson's Bay may therefore be regarded as a vast basin of comparatively warm water, the effect of which must be to considerably ameliorate the winter climate to the south and east of it.

The resident factor at Churchill informs me that the bay never freezes over so far out from shore, but that clear water can be seen; and as the temperature of the water must be above 29.8 Fahr. (the freezing point of salt water) when at the same time the temperature on shore is below zero, we have a set of conditions which will cause a regular area of low barometric pressure to remain over the bay during the winter, with prevailing west and north-west winds and very cold weather on the west and north west of the bay, as shown by observations at York Factory; whilst on the opposite side of the bay winds from south-west, south and south-east would prevail.

In concluding this the meteorological portion of the report, I would point out that so far as meteorological conditions are concerned, the bay has been proved navigable early in June. The barque "George and Mary" sawed out on the 7th June of this year, and was cruising under sail from that date onwards in the northern part of the bay.

*Surveying Work.*

At Station No. 1, Port Burwell, near Cape Chudleigh, the harbour and part of the adjacent coast was surveyed by Mr. W. A. Ashe, D.L.S., who was one of the observers appointed to the expedition, and I have prepared sailing directions for entering the port. Mr. Ashe also surveyed the harbour at Station No. 3 (Ashe Inlet). At all the other stations in the straits I have myself, besides making determinations of position, variation and dip, made surveys of the harbors, and written out the necessary sailing directions for entering the ports. I also made a hurried survey of the harbour at Marble Island, and have obtained a copy of a plan of Churchill Harbour from one of the Hudson's Bay Company's officers. Copies of all these I will furnish you with hereafter, when I have had time to complete the final reductions and recopy the plans.

*Resources of the Region of Hudson's Bay and Strait.*

As to the resources of these waters, I have the honor to report:

1. That the economic fish and mammals of those waters are the whale, porpoise, walrus, narwhal, seal, salmon, trout, cod, and a variety of small fish.

2. That the only fishing industries developed so far are, the whale fishery by the Americans, and the porpoise, walrus, salmon and trout fisheries by the Hudson's Bay Company.

3. That the chief whaling ground is the Rowe's Welcome, a vast basin in the north-western portion of Hudson's Bay. Here the American whalers, chiefly from Massachusetts and Connecticut have been conducting a very profitable fishery for more than a quarter of a century, and are still in active operations.

The report of the United States Commissioners of Fish and Fisheries for 1875-6 states, that during the eleven years preceding 1874, about fifty voyages were known to have been made by whaling vessels from New England to Hudson's Bay, and their returns amounted to at least \$1,371,000, an average of \$27,420 per voyage, which, as most of the vessels engaged in the trade are comparatively small sailing vessels, shows a large margin for profit to those engaged in the business. And if we allow an average of three vessels per annum since the date of the returns up to the present year, we have \$822,600 as the value of the oil and bone taken by our neighbours from the waters of Hudson's Bay since the date of the report above quoted, making a grand total of \$2,193,600.

The wintering quarters of these whalers is at Marble Island, on the north-western coast of Hudson's Bay. The whaling ships, generally, leave Massachusetts or Connecticut in July, and reach the island some time in September, where they winter in a well sheltered harbour, and saw out of the ice in June of the following spring. They then press northward as fast as the moving ice will permit, until the whaling ground is reached, where they fish until the 1st September, and then sail for home, with their ships well loaded with blubber and bone. One or two whaling vessels, and occasionally more, winter at Marble Island each year.

Although this industry is, as yet, comparatively small, I am persuaded that, from the large profits realized by those engaged in it, from the ample opportunities for its extension, and the increased attention which is now being given to the resources of the Hudson's Bay region, a much larger number of vessels will, undoubtedly, be drawn into it at an early day. I am satisfied that there are large numbers of whales in these waters, from the fact that we met with them continually during the cruise of the "Neptune," and because, so far as I can learn, those engaged in the catch have never yet been compelled to return without a fair cargo. The bark "George and Mary," Capt. Fisher, of Connecticut, wintered at the Island last season, sawed



out of the ice on the 7th of last June, and succeeded in taking three whales in the open waters of Hulson's Bay before reaching the "Welcom." Considering that five or six of these mammals would complete her cargo, it is easy to see that this fishery is by no means falling off.

4. Of the fisheries carried on by the Hudson's Bay Company, that of the porpoise is the most extensive. The blubber of these mammals weighs from 250 to 400 pounds, and is very rich in the finest of oil.

Last year the company secured nearly 200 in one tide at Churchill, and a much larger number at Ungava Bay. They have established extensive refineries at several of their northern stations, and instead of exporting the blubber in bulk, as formerly, refine it, shipping the pure oil in casks. The porpoises are not shot or harpooned, as is the case with the walrus and whale, but are grounded on the flats in coves, where the tide rises 10 or 15 feet or more, and where, by means of trap nets, they are held in check until the water recedes, leaving them high and dry on the boulders and sand. The process is very simple and inexpensive. The company also carry on a walrus hunt, sending two sloops annually from Churchill to two very productive walrus grounds, north of Marble Island, where they have never failed to secure as much blubber, ivory and hides as their little vessels will carry in a few weeks. They took between twenty and thirty of those animals the present season. On this trip they also meet the northern Eskimo, and carry on a very valuable trade with them, exchanging powder, shot, &c., for ivory, oil, musk ox robes, and other furs.

One of the members of the expedition was furnished with an estimate of the value of the oil secured in the Hudson's Bay region last year by the company and the American whalers, which, although I had no means of verifying it, is probably within the mark. It places the value of the export at \$150,000. I am satisfied that the walrus and porpoise fisheries may be developed to almost any extent; and as increased attention is sure now to be given to this industry, we may rely upon its almost immediate extension. We met with walrus in great numbers at the western end of the strait. In one afternoon, while steaming from the Digges Islands to Nottingham Island, we found between fifty and a hundred of them on the ice.

5. The company is also engaged at several points, particularly at Ungava, in the salmon and trout fisheries. These excellent fish abound in vast quantities in nearly all the streams, and are generally most plentiful at certain seasons just above and near the head of tide, where the salt and fresh waters mingle. From what I could learn of this industry, I conclude that it is but the beginning of what will, in the near future, become an extensive and profitable business.

At the present time the Hudson's Bay Company have a steamer, called the "Diana," which goes from London to Ungava Bay direct. She is fitted out with refrigerating apparatus, by means of which they are enabled to send home the salmon fresh to the London market, where it realizes high prices, and has, I understand, proved a profitable business for the company. Cargo this year is reported to have realized \$18,000. This is the sole business that this little steamer is engaged in, as another steamer, called the "Labrador," carries all the freight required for Fort Chimo and the Ungava district.

6. Cod-fish. Up to the present time cod have never been found in the waters of Hudson's Bay or the western portion of the strait, but they are very plentiful in the bays round Cape Chudleigh, on both the east and west side. Newfoundland schooners, even now, work as far north as Nachvak Bay, and seem, year by year, to have been going further north.

The quality of cod found off Cape Chudleigh, though good, was not of the same high quality as that got on the banks.

7. In conclusion, I have the honour to urge that in any negotiations with the Government of the United States, relative to a treaty of reciprocal trade, due allowance should be made for the great value of the fisheries of Hudson's Bay.

If American whalers are to be permitted to continue to fish in those waters, arrangements should be made by which Canada would receive a substantial equivalent for the privilege.

I would further suggest that unless a very large consideration is granted in return for the privilege, the Canadian Government should reserve the right to make and enforce such regulations as will prevent the extermination of these valuable mammals from our northern waters. In support of this suggestion, I would call your attention to the fact that some years ago whale fishing was a thriving industry in the Gulf of St. Lawrence, some ten schooners being at one time engaged in it, but that shortly after the Americans were granted the right to fish in these waters, they had, by use of explosive bombs and other methods of capturing these animals, completely driven them out of the gulf, and the Canadian whaling business was destroyed.

#### *Trade.*

The trading station for the south side of Hudson's Straits is Fort Chimo, at the south end of Ungava Bay, and the Eskimo and Indians visit the fort regularly, to exchange their furs for powder, shot, &c.

At Nachvak Bay also, the company maintain a post, where a number of the most valuable furs, the black fox, &c., have been obtained from the natives.

The Nachvak station is one of the company's chain of posts on the Labrador coast, subsidiary to Rigoulette. These posts obtain their supplies by the steamer "Labrador," and I have been informed that the Newfoundland authorities claim and collect Customs duties on the whole ship's invoice at Rigoulette, thus collecting there duties on goods which are destined for consumption in Canada, inasmuch as all the goods for Fort Chimo are included. Canada is thus the loser, whilst the company derives no benefit, except what may arise from the difference of the tariffs of the two countries.

The exports from these and the Mission stations are principally, seal skins and oil, salted salmon and trout, codfish, ivory, bear, deer and fox skins. From Ungava, besides fur, porpoise oil is exported, and frozen salmon, as stated previously.

The Hudson's Bay Company, in trading, have to pay duties, and a considerable sum accrues to the Canadian Government in Customs dues on the importations to Churchill, York and Moose. Every American whaler, however, which enters the bay, is an unlicensed trader, carrying in American goods and trading with the natives in the north-west of the bay, where they compete with the Hudson's Bay Company, who have to pay duty on their importations.

A regular trading post has also been established by a Capt. Spicer, an American citizen, on the north shore of the straits, a little to the west of North Bluff, which I intended visiting, but was unable to do so.

I was, however, informed by the natives, that each year a ship went to the station, that an agent lived there through the winter, and that about fifty families traded with him. The Eskimo at North Bluff had an old whale boat of American build, but in good repair, and they informed me that they occasionally killed whales for Capt. Spicer, and that whenever they secured a whale that they were given spirits. The evil effects of such payment are too well known to need comment.

In reference to the value of the trade, I have heard it estimated, by men whom I considered competent judges, that a good Eskimo family would be worth \$500 a year to a trader. The Hudson's Bay Company rate some of their best Indian hunters as worth \$1,000 a year to the company, and, allowing that the straits region is a somewhat poorer region than the north-west of the bay, a family ought still to be worth nearly \$400 to a trader. This estimate gives the value of Capt. Spicer's station at \$20,000 a year, an estimate which I believe to be rather below than above the truth. All goods, destined for trade with the natives, on board of the American whalers, should be chargeable with duty, or a license fee charged them, before they are permitted to enter Hudson's Straits, which would be sufficient to cover the duty, so that they may be placed on the same footing as the Hudson's Bay Company; for the value of the trade in musk ox robes, cariboo robes, seal skins and ivory, forms no unimportant part of the profit of the whaling voyage.

The use of ardent spirits as an article of trade, or indeed its importation, should be absolutely prohibited.

There is room for the profitable establishment of trading posts on the south shore of the bay, as the natives there have to go upwards of 300 miles, to Fort Chimo, for powder, shot, &c.

I was also informed by the natives at North Bluff, that about the Middle Savage Islands we would find natives who had never traded with white men, and who had large quantities of ivory.

That a profitable business can be carried on in pursuit of whale and porpoise fishery and walrus hunting, together with the trade with the Eskimo, seems beyond doubt, and it is unfortunate that none of the profits derived from it are at present received by Canadians.

#### NATURAL HISTORY.

##### *The Inhabitants.*

With the exception of people who may be in charge of Capt. Spicers' station, the only inhabitants of the straits and northern part of the bay are the Eskimo.

On the north side of the Straits they are quite familiar with the ways of white men, and seem to be much pleased at the prospects of increased intercourse with them. Some one or two of them speak English, whilst some others understand easily what is said to them, but refuse to speak it. They are particularly fond of any article of clothing, either cotton or woolen, and the head man at North Bluff was arrayed in all the glory of a stand-up linen collar.

These natives are docile, amiable and willing to work. When landing the stores and coal at North Bluff they worked all day along with our men, carrying heavy weights up over the rocks, and working as cheerily and heartily as could be desired, taking their pay in biscuit, of which they are inordinately fond.

The number met with at the station here was about thirty, but during my absence a large number of them visited the station, maintaining the most friendly relations with our party.

They have no farinaceous food of any kind, and, as a consequence, the mothers suckle the children till they are from three to four years of age. The families are small, there rarely being more than two or three children, and although early marriages are the rule among them, I cannot help thinking that their numbers have sensibly diminished, inasmuch as we found signs of their presence everywhere; yet, except at Port Burwell, Ashe Inlet and Stupart's Bay, none were met with. About six miles south of Port Burwell there is the remains of what must once have been a large Eskimo settlement, their subterranean dwellings being still in a fair state of preservation. At the present time, so far as I can learn, there are only some five or six Eskimo families between Cape Chudleigh and Nachvak.

Along the Labrador coast the Eskimo gather in small settlements round the Moravian Mission stations. At these places their numbers vary considerably. Nain is reputed to be the largest settlement and its Eskimo population amounts to about 200 souls.

These are all educated. They can read and write in their own language and the missionaries informed me that they were regular attendants at church and are very fond of music. No alcoholic or other liquors are given to the natives by these missionary traders; but they occasionally procure small quantities from Newfoundland fishermen. It is, however, a rare occurrence, and there is no record of any disturbance or trouble ever having been caused.

These missions are self-supporting, the missionaries supplying the Eskimo on loan with the very best traps, fishing lines etc., and purchasing from them all their produce, whether it be seals, cod, salmon, furs or anything else. They are supplied by a sailing vessel called the "Harmony," which sails from London each year, visits all their Mission stations and then returns, taking with her the great portion of the season's catch. The Newfoundland mail steamer makes several trips to Nain during the summer of each year, but does not go any further north.

I have mentioned these missionary traders and their work, because I am of opinion that the system, when honourably carried out, as it has been and is on the Labrador Coast, is the one which best meets the wants of the natives and tends to the improvement of their condition.

In speaking of the inhabitants of the straits, I mentioned more particularly those living on the northern side, but those met with at Stupart's Bay were equally tractable and ready to assist in the work. They were, however, from less frequently meeting with white people more simple, but decidedly more demonstrative; their delight on being informed that we were going to build a station and leave a party among them was exhibited by their forming a circle round the interpreter and dancing and shouting like a lot of school children.

One word must be said in regard to their honesty. Although scraps of iron and wood possess a value to them which we can hardly appreciate, they would take nothing without first asking permission; not even a chip or a broken nail was taken without their first coming to the officer who was on duty at the building for permission to take it.

As to the pernicious effects of their contact with American whalers, I beg to quote from the report of Lieut. Ray, of the United States Signal Service, who was in charge of the Observatory at Point Barrow, premising that I have every reason to believe that the New England whalers carry on very much the same sort of trade that their brethren of the Pacific seem to have done. Lieut. Ray says:—

“The safety of the station would be very much increased if the law relating to the sale of contraband goods by the whale men and traders on this coast could be enforced.” \* \* \* \* \* “I believe the offenders in the fleet this year are confined to two or three ships. I met nearly all the captains when they first came up, and they promised a strict compliance with the law, but in spite of all that, the natives here have been drunk three different times during the last month.”

#### *Fauna.*

The terrestrial mammalia of Hudson's Straits and northern part of the bay are:

The polar bear, the fox (three varieties), the hare, the reindeer.

The skin of the polar bear is valuable, being held at \$12 by the agents of the Hudson's Bay Company. These animals, though reported by the Eskimo to be very savage, will not, I think, as a rule, attack a man unless first wounded or emboldened by hunger, when I can well understand that they would be dangerous to encounter. They prey chiefly on the seal. The Eskimo on the south side of the straits, at Stupart's Bay, informed me that at certain times of the year there were large numbers of them in that vicinity. The meat of these bears is not unpalatable, but the liver is said to be poisonous.

The Fox.—Judging from the number of white fox skins which the natives had, these animals must be very numerous. These skins, however, have no high commercial value, and are, indeed, almost valueless, unless captured at a certain season of the year.

The blue fox is a sort of a steel grey colour. Their skins are more valuable than those of the white fox, but they are much less numerous.

The red fox is valuable as indicating the probability of the presence of the black fox, whose fur is so very valuable. The red fox was seen on the south side of the strait, and black foxes are annually shot or trapped in the country south of Cape Chudleigh.

The reindeer are the food and clothing of the Eskimo, and their horns are used for making the spring bows of their fish spears and for many other purposes. We procured some of the venison from the Eskimo at North Bluff, which was pronounced by every one to be excellent.

The hare is a common animal over the whole coast of the straits, being especially numerous about North Bluff.

Game Birds.—Many kinds were seen. Geese, swans, duck and ptarmigan were plentiful, so that the officers and men at the station can easily procure a palatable change of diet.

*The Work of the Expedition in the Coming Year.*

Much will undoubtedly be learned from the observations taken during this winter as to the formation and breaking up of the ice and generally in regard to its movement, and also of the phenomena affecting navigation, but it would be impossible to state definitely from one year's observations what was the average period of navigability of the straits. I consider, therefore, that it would be desirable to continue certain of the stations for a second year, and might perhaps be desirable to keep on three of them for a third year.

For the year 1885-86, I have the honour to recommend that the following stations, Port Burwell, near Cape Chudleigh, Ashe Inlet, near North Bluff, Stupart's Bay, near Prince of Wales Foreland, Nottingham Island and Digges Island, be continued.

The station at Nachvak Bay could easily be disposed of, as the Newfoundland fishermen already visit the place for the cod fishing, and if it were advertised in the St. Johns, Nfld., papers, I do not doubt that the Department would get offers for the purchase of the house.

The expedition for next year should be ready to start from Halifax about the 15th of May—not later than this date—and arriving off Hudson's Straits about the 1st of June, if possible visit and relieve the stations. Should the ice prevent our getting on shore, the ship should push on so as to investigate once for all the condition of the ice in the straits and bay in the early part of the season. If successful in getting through the straits, the voyage should be continued to Fort Churchill, the endeavour being made to arrive there about the opening of navigation, the 15th of June.

After leaving Churchill the eastern shores of the bay should be visited, and a running survey made of such portions of the coast as practicable. Beacons should be erected on the north end of Mansfield Island and the south end of Southampton Island. Both these islands are low-lying, with shoal water running for some distance out; they are of a dark grey limestone formation and most difficult to make out at night, the mariner's only safety being in the constant use of the lead. Especially are they dangerous on account of the tides, which run along the east coast of Mansfield Island at the rate of about four knots per hour.

This work could, I think, be accomplished and the ship be back in the straits by the 15th August. The remainder of the time should be devoted to making a running survey of such part of the coast of the straits as may be possible. Capt. Spicers' station should be called at, and if time permitted, the Hudson's Bay post at Ungava should also be visited, the expedition returning to Canada in October.

If, however, the Government regard it as more important to investigate the fisheries of the bay and straits, the ship should push up north for Marble Island as soon as possible, thence to "The Rowe's Welcome." After spending a short time in "The Welcome," the porpoise fishery at Churchill should be examined.

After leaving Churchill, under any circumstances, the east shore should be visited, and its mineral and other resources examined and reported on.

The vessel should also be fitted with a deep-sea dredging apparatus, wire dredge rope and deep-sea sounding apparatus.

In the event of your deciding on sending out the expedition in May, it would be advisable to send to Ashe Inlet a schooner load of coal. If this vessel were to start so as to be in Ashe Inlet about 20th August, she would have but little difficulty from the ice. The harbour is an easy one to make, with no outlying shoals or rocks; inside it is well sheltered and good holding ground.

I have endeavoured in the foregoing pages to give all the information in my power in regard, not only to the navigation, but to the resources of the region of Hudson's Bay and Straits, and I trust that my efforts will meet with your approval.

All of which is respectfully submitted.

ANDREW R. GORDON,  
*Commanding Hudson's Bay Expedition.*

## APPENDIX A.

GEOLOGICAL AND NATURAL HISTORY SURVEY,  
MUSEUM AND OFFICE, SUSSEX ST.,  
OTTAWA, 19th January, 1885,

The Honorable A. W. McLELAN,  
Minister of Marine and Fisheries,  
Ottawa.

SIR,—In compliance with instructions received from the Hon. Sir David Macpherson, Minister of the Interior, I have the honor to transmit to you, as received by me on the 14th inst., the accompanying copy of the report, by Dr. Bell, of observations made on the shores of Labrador, Hudson Strait and Bay during the voyage of the steamship "Neptune," from the 22nd July to the 11th of November, 1884.

The botanical and marine zoological collections made during the voyage have been examined. The plants have been named by Professor Macoun, the crustaceans by Professor S. J. Smith, of Yale College, and the molluscs and echinoderms by Mr. J. F. Whiteaves. The plants are represented by 118 genera and 227 species. The crustacea by 13 genera and 16 species. The molluscs by 19 genera and 25 species, and the echinoderms by 5 genera and 6 species. The brachiopods, cirripeds or barnacles and the annelids each by 1 species.

Of the plants Professor Macoun states as follows:—

"The collection is a very interesting one and shows conclusively the Arctic character of the climate of the Straits and that part of Labrador north of Nachvak. North of Nain, all the plants obtained are exclusively Arctic, not one of them, except the Arctic Raspberry (*rubus chamaemorus*) and a couple of species of *Vaccinium* ranging as far south as the Gulf of St. Lawrence. The greater number, however, are widely distributed on the shores of the Arctic Sea, and are the characteristic plants of both Arctic Europe and America."

Mr. Whiteaves states that the marine invertebrata are well known Arctic species, most of which are common to the St. Lawrence Gulf, their range there being from about ten fathoms to fifty, where they form a large part of the food of the codfish—especial thanks are due to Professor Smith, of Yale, for the list of the crustacea.

I have the honor to be, Sir,

Your obedient servant,

ALFRED R. C. SELWYN.

OTTAWA, 24th November, 1884.

A. R. C. SELWYN, Esq., LL. D., F. R. S.

SIR,—Herewith I beg to submit my report as geologist and naturalist on the Hudson's Bay Expedition, sent out by the Government of Canada during the present season.

I have the honor to be, Sir,

Your obedient servant,

(Signed) ROBERT BELL.

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OBSERVATIONS ON THE GEOLOGY, MINERALOGY, ZOOLOGY, AND BOTANY OF THE  
LABRADOR COAST, HUDSON'S STRAIT AND BAY.

BY ROBERT BELL, M.D., LL.D., B.A.Sc., F.R.S., CANADA, ASSISTANT DIRECTOR  
OF THE GEOLOGICAL SURVEY.

*Medical Officer to the Expedition.*

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The question of sending a party by sea into Hudson's Bay, for scientific purposes, at the expense of the Government, has been before the public of Canada for some years. Without entering into the subject of the various useful purposes which it was believed such a party might accomplish, it may be stated that the main object of the expedition, sent out by steamship the present season, was to establish six observatory stations on the shores of Hudson's Strait. The parties to be left in charge of these stations were to remain one year and to keep regular meteorological records, and to note all seasonal events, especially with regard to the condition of the Strait itself in winter, the tidal phenomena, &c., all with a view to throw additional light on questions regarding the navigation of these waters. If time permitted, after having built the stations, the vessel was to visit certain parts of Hudson's Bay. Without interfering with the above mentioned objects, the expedition would afford an opportunity for obtaining much desirable information in regard to the geology and mineralogy and the zoology and botany of the places which might be visited. The writer, who had been on Hudson's Bay in previous years, and who had already passed through the Strait (see Report of the Geological Survey for 1880), was selected for this duty, and also to act as medical officer to the expedition. I also acted as taxidermist and photographer for geological purposes, and provided myself with the instruments necessary for various methods of surveying, in case opportunities for using them should occur.

The expedition was essentially a meteorological one, and Lieut. A. R. Gordon, R.N., of this branch of the public service, was selected for the command; and the general management fell within the province of the Department of Marine. Notwithstanding that I had neither men nor boat at my command, I managed, while the stations were being built, or while the ship was taking in ballast, to get ashore with the boats that were passing backward and forward between the vessel and the land, and in some cases I had the use of a boat and the assistance of officers and men, both of the expedition and of the ship's company.

The following letter from the Deputy Minister of Marine, in reply to one from Dr. Selwyn, will best explain my position with regard to the facilities to be expected :

“ DEPARTMENT OF MARINE AND FISHERIES,

“ Ottawa, 20th June, 1884.

“ SIR,—I have to acknowledge receipt of your letter of the 18th instant, making certain enquiries in regard to the Hudson's Bay Expedition and the employment of Dr. Bell, and in reply I am to inform you that the vessel will sail from Halifax about the 21st of next month. Nothing beyond board and berth accommodation can be given Dr. Bell, the vessel being chartered to the Department, and no special accommodation being guaranteed, but space will doubtless be provided sufficient for the storage of any specimens, &c., which Dr. Bell may collect or the stores provided for the preservation of the same. With reference to your enquiry as to what assistance, as regards men and boats, can be provided for Dr. Bell's work, I have to inform you that Dr. Bell will have the opportunity of landing at every place at which the vessel

may call, and every facility will be given him which the officer in charge may consider he is able to afford without prejudicing the primary objects of the Expedition, but no special boat or crew can be furnished for Dr. Bell's use. I am also to inform you that it is the intention that the vessel shall return this fall, but it is impossible to state positively that she will. I am also to state that no charge will be made for Dr Bell's maintenance while on board the vessel.

" I am, Sir,

" Your most obedient servant,

" W. SMITH,

" *Deputy Minister of Marine, &c.*"

A. R. C. SELWYN, Esq., LL.D., F.R.S.,

Director Geological and Natural History Survey.

The route followed by the expedition, in going out and returning home, together with a full narrative of occurrences, will no doubt be given in the report of Lieut. Gordon to the Minister of Marine; but in order to make the present report intelligible by itself, it will be necessary for me here to give a brief sketch of the round voyage.

The vessel which had been chartered by the Government for this service was the steamship "Neptune," belonging to the Messrs. Job Brothers, of St. John's, a wooden vessel of 684 tons burden, which had been built and fitted for the seal fishery. She was navigated by Captain William Sopp, as sailing master, and a competent staff of officers and men. We sailed from Halifax on the 22nd of July, our course lying between Cape North and Cape Ray, and through the Gulf of St. Lawrence and the Straits of Belle Isle. We anchored for an hour at Blanc Sablon, on the north shore, but did not land. On the way up the Labrador coast, we called at Ford's Harbor, Nain and Nachvak, for the purpose of engaging an Eskimo interpreter, which we succeeded in doing at the last named place.

The first station was built on the north-west point of the promontory between Ungava Bay and the Atlantic, or near Cape Chudleigh. The second station was to have been placed on the southern or western part of Resolution Island, but we did not succeed in finding a harbor on these shores, and could not land on account of the stormy weather; but we got a near view of the west coast of the island, and also of some of the Lower Savage Islands. We therefore proceeded to the locality which had been determined on for the third station, and found a suitable place on the south side of Big Island, which is just west of the Upper Savage Islands, at an inlet about two miles east of North Bluff. We next crossed the Strait to Cape Prince of Wales, south south-west of North Bluff, and erected a station on the shore of the bay, inside of the cape, or on its eastern side. From this place we next made the south point of Nottingham Island, and established a fourth observatory. Again crossing the Strait in a southerly direction, we passed close to Digges Island, and coasted down the eastern side of Mansfield Island, looking for a suitable place for another station, but without success. The south-east shore of Southampton Island was also coasted for some distance, after which we traversed the northern part of Hudson's Bay to the entrance of Chesterfield Inlet. We did not land in this neighborhood, however, but turned south and called at Marble Island, where we anchored and spent one day ashore. From this island we made Cape Churchill, and then entered the harbor of the same name, at the mouth of the Churchill River. A short visit was paid to York Factory, from which we recrossed Hudson's Bay to Digges Island, where a fifth station was built. On our homeward voyage through Hudson's Strait, we visited all the other stations in the reverse order in which they had been established. Another attempt was made to stop at Resolution Island, in order to build a station, but again without success. It was then decided to place the party intended for Resolution Island at Nachvak Inlet, and we called there for this purpose and to leave our Eskimo interpreter, on our way to St. John's, which we reached on the 11th of October, and immediately handed the



ship over to her owners, four days before the date fixed for the expiration of the charter. On the morning of our arrival at St. Johns, we happened to catch a steamer for Halifax, and so were enabled to continue our homeward journey without an hour's delay.

Before proceeding to give details of my special work, I may say that at every place we visited I obtained as full notes as my opportunities would permit in regard to the geology and mineralogy of the surrounding country. I also endeavored to obtain from the natives information as to the occurrence of useful minerals, which, although not very definite, may in some cases lead to valuable discoveries. The Eskimo are intelligent and good observers, especially of such matters as affect their own mode of living and although rocks and minerals would not be expected to interest them much, still I found that in some instances they had taken notice of them. In order to facilitate enquiries I had provided myself with a collection of all the ores, minerals and rocks which might be expected to occur in the regions we were to visit, and on allowing the natives to inspect them, they would point out those which they thought similar to certain kinds which they had noticed in their own districts. An interesting feature in the geological phenomena of these northern regions, is that a study of them will assist us in the elucidation of the superficial geology of the more southern portions of the Dominion, which forms so important a branch of the work of the Geological Survey.

In regard to zoology, efforts were constantly made to collect specimens in every class of animals and to obtain new information on all points with reference to them. Upwards of fifty specimens of mammals and birds were obtained, of which a portion were from Dr. Matthews, of York Factory. Some of these are rare and will prove to be very useful and interesting additions to our museum. Many notes were made on the habits and distribution of the mammals and birds. Attention was paid to the fishes and their food and to the subject of possible fisheries in these regions. A variety of mollusks and other invertebrates was secured by dredging. As we were living mostly on ship-board and in so cool a climate, but little could be done for the science of entomology. A small collection of butterflies and moths from the shores of Hudson's Strait have been sent to Mr. H. H. Lyman, a well known entomologist in Montreal, who has agreed to identify them. One of the missionaries on the Labrador coast has kindly promised to collect the Lepidoptera of that region and send them to me next year.

With regard to botany, as complete a collection of plants as possible was made at every place we touched at. These are in the hands of Professor Macoun and a catalogue of them will be found in the Geological Survey Report. Some new facts of interest in regard to the ranges of forest-trees in the Labrador peninsula and the country west of Hudson's Bay were ascertained from persons acquainted with these regions.

In addition to the technical assistance already acknowledged above, I take this opportunity of mentioning that Professor C. Hart Merriam has kindly aided me in making out from my descriptions, the local names, &c, with which he is familiar, the accompanying list of the seals of Hudson's Bay and Strait. I may mention that Professor Merriam, who is justly regarded as a high authority on the Pinnapedia, has himself gone to the Newfoundland and Labrador seal fishery, and travelled in the Gulf of St. Lawrence for the express purpose of studying these animals. It would appear from my observations that we have in both Hudson's Bay and Strait all the kinds of seals found at any season either in the Gulf or on the coast of Newfoundland and Labrador; and from all that we could learn, both seals and walrus are abundant in the Strait and the northern parts of the Bay. But in order to obtain them in large numbers for commercial purposes, their various resorts and the course of their migrations at different seasons of the year would require to be studied. The gentlemen in charge of the observatory stations were instructed to attend to such matters, and their notes will probably throw some light on the subject in the particular localities at which they are stationed. In the list of fishes, I have included species which I had in previous years ascertained to exist in Hudson's Bay or the waters immediately connected with it. Mr. Lucien M. Turner, who has spent two

years in the Ungava district in the interest of the Smithsonian Institution, has kindly determined some of the fishes which I collected, and added the names of others which he found in the district named.

I secured about sixty five photographs of a uniform size of 8 by 5 inches. These are illustrative of subjects of interest in connection with the expedition, of the nature of the country and more especially of points bearing on its geology.

I shall confine myself in the following pages to the subjects above referred to, as all others connected with the work of the expedition will probably be fully reported on by Lieut. Gordon. In regard to the arrangement to be adopted in this report, it has been considered best to state the facts and observations in the order in which they were noted, and in connection with them to give other information, bearing on the subjects referred to, which may have been gathered in previous years.

As already mentioned, we anchored for an hour at Blanc Sablon on the morning of the 26th of July. Here the horizontal strata of the Quebec group form a conspicuous feature in the landscape. They are described at pages 237 and 238 of the *Geology of Canada* as consisting of 231 feet of red and grey sandstones and fine conglomerates forming the lower part of the section, with 143 feet of grey, reddish and greenish limestones resting upon them. In Forteau Bay, a short distance east of Blanc Sablon, a considerable collection of fossils was made in these limestones by the late Mr. James Richardson, which proves them to belong to the Quebec group, and to be equivalent to the Red Sand-rock of Vermont. The Laurentian gneiss may be seen cropping out from beneath these sandstones at and near the sea shore, while the hills of the same formation rise above the level of the summit of the horizontal strata all along in the interior.

At the entrance to Chateau Bay on the Labrador side of the Straits of Belle Isle, opposite to the northern extremity of Newfoundland, are two islands, called Castle and Henley's Islands, which are capped by flat basaltic summits, the former being 200 feet above the sea. They form a striking contrast to the prevailing character of the shore rocks, which everywhere else in the neighborhood appear to be of Laurentian gneiss. Later in the season I was informed that some men had been mining mica on the shore of this bay, and in the autumn had brought about one ton of the mineral to St. Johns, on the way to Boston or New York, but that the plates did not exceed three by six inches in size, and that they were of a rather dark color.

After passing the Straits of Belle Isle, the Labrador coast continues high and rugged, and although there are some interruptions to the general rule, the elevation of the land near the coast may be said to increase gradually in going northward, until within seventy statute miles of Cape Chudleigh, where it has attained a height of about 6,000 feet above the sea. Beyond this, it again diminishes to this cape, where it is 1,500 feet. From what I have seen of the Labrador, and from what I have been able to learn through published accounts, Hudson's Bay Company's officers and the natives, and also judging from the indications afforded by the courses of the rivers and streams, the highest land of the peninsula lies near the coast all along, constituting, in fact, a regular range of mountains, parallel to the Atlantic seaboard. In a general way, this range becomes progressively narrower from Hamilton Inlet to Cape Chudleigh.

The distance from the Straits of Belle Isle to Cape Chudleigh, along the Labrador coast, is 760 English statute miles. This is divided into three principal courses, as follows: From Belle Isle to Porcupine Bay, due north (true), 120 miles; from Porcupine Bay to Nain, north-west (true), 290 miles; from Nain to Cape Chudleigh, north north-west (true), 350 miles. The coast-line is everywhere indented by inlets or fjords, and fringed with islands of all sizes, from mere rocks up to some measuring twenty-five miles in length. Most of the fjords are narrow and about twenty-five miles long; several are thirty-five miles, and Hamilton Inlet runs in from the open sea a distance of 160 miles. The general bearing of the fjords is at right angles to the coast line in the neighborhood. In a great many cases the islands are separated from one another, or from points on the mainland, by very narrow straits, with deep water, which have received the name of "tickles." With regard to the condition

below the level of the sea, it is stated in the *Newfoundland Pilot*, published by the Admiralty, that the shores from Davis' Inlet to Nachvak are comparatively free from reefs and sunken rocks, but that from Nachvak to Cape Chudleigh they are fringed with islets and rocks, to an average distance of five miles out. The coast of Resolution Island seems to be similarly studded with these impediments to navigation, and these circumstances appear to be connected with certain geological conditions, which will be referred to further on.

In approaching Ford's Harbor, which is on the eastern point of Paul's Island, the islands near which we passed consisted of bare rock, and although usually high and steep, they had rounded or glaciated outlines. Numerous perched boulders lay about, either singly or in groups or rows, on the naked surface of the rock, wherever they could find a resting place. A short distance off the entrance of the harbor, we passed an island which, on the top and one side was literally piled with rounded boulders. On this island I noticed a dyke of trap about 100 feet thick, cutting the gneiss in a west-north-westerly direction. On going ashore at Ford's Harbor, I found the gneiss to consist of common reddish and greyish varieties, some parts of it massive and others more finely and distinctly laminated. The average strike was south-east (true). The glacial striæ were quite distinct in many parts, but were best preserved near the shore. They run in two principal directions, S. 45° E., and S. 80° E. (mag.) Perched boulders were observed on all the surrounding hills. In going from Ford's Harbor to Nain we followed the channel on the north side of Paul's Island. The rock appeared to be dark, massive and crystalline.

Our stay at Nain was so short that I had only time to examine the high ridge or mountain to the north and north-west of the Mission Station. The first shoulder of this ridge, we were informed, has a height of 875 feet above the sea, but the summit, a short distance further inland, must be at least 200 feet higher. The rock here consists of a rather light grey gneiss, which strikes S. 45° E. (mag.) The glacial striæ, which were seen with greater or less distinctness, all the way to the summit, run S. 65° E. (mag.) or about parallel to the valley which extends inland from the head of the fjord up which we had sailed to Nain, and with the same general bearing. Well rounded boulders were scattered over the flanks and summit of this high ridge; and they were quite prominent on the high bare hills on both sides of the inlet, all the way from Ford's Harbor. The appearance of the top of this mountain, with the boulders resting on the bare, sloping rock, is shown in one of the photographs taken at this spot. Mountains of equal and greater height were seen in all directions from this summit, except towards the eastward, where they die down to the sea level in the distance. On the next hill to the north-west, the weathered surface of the rock showed a rusty belt of a brownish color, and of considerable extent, which was supposed to be due to iron pyrites. I was informed by the Moravian missionaries at Nain that the labradorite of this part of the coast is to be found at different places on Paul's Island, and at a fresh-water lake called Nunaingok, which lies at no great distance inland from the head of a bay to the north-westward of Nain. They said it was also reported to occur on a bay a short distance to the southward. I had not an opportunity of visiting any of these localities, but from specimens which I have seen, I have little doubt the mineral occurs as veinstones, in which there are also crystals of pyroxene, iron pyrites and magnetic iron. In this connection it may be mentioned that I have seen a large specimen of coarsely crystalline labradorite rock from Hamilton Inlet, in which some of the faces showed a blue iridescence. The rose-red variety of anorthosite, called latrobite by Gmelin, is stated to come from an island called Amitok, on the old charts of the Labrador coast, about forty-five miles northward from Nachvak. When at Nain I obtained specimens of amazon-stone, which the Eskimo told me came from Port Manvers, and of paulite, a variety of pyroxene or hypersthene, which has also been called "Labrador hornblende" and "metalloidal diallage." It was said to have been brought from Paul's Island. Mr. John Ford informed me that yellow mica, in flakes about the size of one's hand, was found on this island, about two miles north-westward of Ford's Harbor. In regard to the rocks and minerals of the Labrador coast, the fol-

lowing notes may be here given: I have received specimens of copper pyrites in a dark slate, which were labelled as having come from Indian Island, on the north side of the entrance of Hamilton Inlet, and I have been otherwise informed that slates or schists occur in that neighborhood. A man from Nova Scotia stated to me that he had been engaged, with others, two years ago in mining copper and lead ores on Deadman's Island, which is situated a few miles north of Hamilton Inlet. They occurred in a vein between a rock like granite and a sort of sandstone or quartzite. Mr. King, the second mate of the "Neptune," said that copper ore was also found at Iron-bound Island or "Makoubik" (probably Makkovik of the chart), not far from Cape Harrison. One of the gentlemen we met at Nain informed me that he had heard of copper ore being found somewhere to the southward of that place, but was not aware of the locality. These circumstances point to the possible occurrence of deposits of copper in quantities of economic value on this coast. It is well known that productive mines of copper were in operation for a number of years on the adjacent coast of Newfoundland.

At Nain I noticed some freshly split slabs of a grey felsitic slate, which were being used as flag stones, and, on inquiring, was informed that they had been brought from Ramah, in the bay next south of Nachvak, where there was said to be plenty of this rock in situ. The name of the bay is Nullataktok, or Slate Bay. Our Eskimo interpreter, Lane, who was well acquainted with this bay, afterwards informed me that slaty rocks were abundant there.

While at Ford's Harbor and Nain I collected as many plants as the limited time would permit, and Professor Macoun's list of them will be found in the appendix. The Rev. Dr. S. Weiz, who had long resided at Nain, had made a collection of the plants of the vicinity, which he had submitted to some of the leading botanists of Europe, who had attached the proper name to each specimen. He kindly allowed me to make a list of these and it is also given in the appendix, in one of the columns of the general list.

Although timber disappeared from the outer coast before reaching Nain, yet groves of trees may be seen in the valleys and on the more favorable slopes at the heads of the inlets, and we were informed that after going ten to twenty miles inland from Nain, or from the coast for a considerable distance north of it, the whole country may be said to be wooded, as far as the condition of the surface will permit of the growth of trees, and that in favorable situations the spruce and tamarac attain a sufficient size to be sawn into lumber. At Nain, the trees consist of spruce, tamarac, and small willows, but at no great distance inland, balsam fir, poplar, white birch and rowan begin to make their appearances.

In the gardens at Nain I observed the following vegetables: potatoes (a variety with low, flat, spreading tops), turnips, carrots, beets, cabbage, Scotch kail, a very rank variety of spinach, lettuce, peas, beans and onions. There was also a great variety of flowers. The peas and beans were arranged so that they could be protected by glass if requisite, and the potatoes were planted in narrow beds, arched over with bent rods so that long sheets of coarse canvas could be thrown over them on frosty nights.

Leaving Nain, our next stopping place was the Inlet of Nachvak, about 140 miles south of Cape Chudleigh. This inlet or fjord, with an average breadth of from a mile to two miles, runs in from the open sea a distance of about forty statute miles. The water in it is very deep, and the mountains on either side immediately overlooking it rise to heights of from 1,500 to 3,400 feet, but a few miles inland, especially on the south side, they appear to attain an altitude of 5,000 to 6,000 feet, which would correspond with the height of The Four Peaks, near the outer coast-line, about midway between Nachvak and Cape Chudleigh. The mountains around Nachvak are steep, rough sided, peaked and serrated, and have no appearance of having been glaciated, excepting close to the sea-level. The rocks are softened, eroded and deeply decayed. On precipices and steep slopes the stratification is well brought out by the weathering, so that the dips may be distinctly seen. The mountains on the north side proved to be mostly Laurentian

gneiss, notwithstanding their extraordinary appearance, so different from the smooth, solid and more or less rounded outlines of the hills composed of these rocks in most other parts of the Dominion. On the present occasion we stopped only at the Hudson's Bay Company's post, at a narrow part of the fjord, about twenty miles in from the open sea, and I had a few hours to examine the rocks, collect plants and take photographs in the neighbourhood. But in returning, in the month of October, we stayed for several days at a bight on the north side, a few miles from the entrance, where we built a station, and named the place Skynner's Cove. This enabled me to extend my explorations of the neighbourhood, and I shall now state the results of my observations on both occasions.

On the south side of the inlet at the Hudson's Bay Company's post, an escarpment rises to a height of 3,400 feet, as ascertained by Commander J. G. Bolton, R. N., but I had not time to visit it to determine the nature of the rock. A brook, which gathers its waters from higher ground further back, but which is not visible from the post, precipitates itself from the top of this great precipice in an almost perpendicular fall. The rock on the north side at this place consists of reddish gneiss, somewhat contorted and occasionally interstratified with dark micaceous layers. Two or three miles east of the post a good sized brook falls, in several almost perpendicular leaps, a height of 300 or 400 feet over these rocks. The strike of the gneiss in the neighborhood of the falls is S. 35° W. (true.)

At a point on the north side, estimated to be about nine miles from the open sea and eleven from the post, opposite to a bay on the south side, a mountain rises steeply to a height of 1,500 or 2,000 feet. It is composed of gneiss standing vertically and striking N. 25° W. (true), cut diagonally by a great many dykes of dark trap all underlying westward at an average angle of about 30° from the perpendicular. Some of them run together and others appear to die out in both directions on the cliff section. Some dykes of close-grained, almost black diorite, also cut the gneiss in the vicinity of Skynner's Cove. From the point above named to Skynner's Cove the rock along the north side appears to be all gneiss with a variable strike in different parts. Around this cove there is a variety of micaceous, and hornblendic schists passing into thinly bedded gneiss. The average strike is about S.W. (true). I was informed by our interpreter, whose home is on the south side of the inlet, that the Eskimo obtained a kind of soapstone for making their pots in the vicinity of Skynner's Cove before they were able to procure others of metal. Along the northern part of the entrance to the inlet or about North-Head of the chart, the rock is a coarse, dull red syenitic gneiss. At one place it encloses a mass, like a bed, of nearly white quartzite marbled with small elongated gray patches, but it appears to be cut off as it runs up the slope, although another exposure of white rock was seen some distance off in a north-easterly direction. Here the glacial striæ were seen on projecting points near the water, running with the axis of the inlet or about east. At Mount Razorback, which forms the outer point on the north side of the Nachvak Inlet the stratification is well seen, the dip being to the southward. The angle of dip on the outer or eastern part of the mountain is almost 60°, but this diminishes to 45° and finally to less than 10°, in going to the south-westward. Several large but somewhat irregular dykes of black-looking rock cut the strata of the mountain side at right angles to the dip in its varying inclinations.

On the opposite or south side of the entrance of the Nachvak Inlet, the dip of the bedding is S. S. W. (true), and the inclination, generally from 35° to 40°, but at one part it is 60°. Dykes were seen all along, cutting the face of the mountain range and running in a south-easterly direction.

On the west shore of the first cove, from the entrance, on the south side of Nachvak Inlet, the rocks consist of a coarse-grained slaty tufa or breccia, thickly studded with grains of quartz-opal. To the north, this passes into a sort of coarse cleavable grey syenite, which could be traced for two miles westward along the shore; while to the south of it is a coarse grey mica schist, running N. 25° W. (mag.) vertical. In this rock, and near the slaty breccia, a vein of quartz was found, from a foot to two feet in thickness, and holding patches of brown-weathering calcspar.

The rocks in the mountain, overlooking the south side of the inlet, opposite Skynner's Cove, have a slaty appearance, with some great bands of a light color and more solid aspect, the outcrop running nearly horizontally for some distance. I was unable to visit these bands, but our interpreter brought me a specimen, which he said he had broken off one of them, and which proved to be a fine-grained light grey, silicious schist, which makes excellent hones. These and the other rocks on the south side of the inlet in this neighborhood, which have just been described, as well as a part of those on the north side, may belong to the Huronian series. Slaty rocks have been mentioned as occurring at Ramah, in the inlet, about twenty miles south of Nachvak. From the specimens which I have seen, these are probably of the same age, and they may be connected as one area with the supposed Huronian strata of Nachvak.

We were informed, both by Mr. George Ford, the agent of the Hudson's Bay Company at Nachvak, and our Eskimo interpreter, that at a short distance beyond the more distant mountains, seen to the west of the company's post, the country falls rapidly on the inland side, and soon becomes comparatively level. This description agrees with other accounts of the interior of the Labrador in the Ungava district. A wide level tract embracing the country drained by the George, the Whale and the Koksok South, Big or Ungava Rivers, is said to extend southward a long distance from Ungava Bay. The surface is reported to be covered with a wet, peaty moss, growing upon barren sand, with the solid rock everywhere at a short depth beneath. The rivers and brooks are fringed with spruce and tamarac trees, but very little timber is to be met with between them. The mouth of the Ungava River is 155 miles south-west of Cape Chudleigh. In going by sea, from one to the other, Commander Bolton says, in the *Newfoundland Pilot*: "The high land of the Labrador shore could be seen towering above the scarcely discernable shore of Ungava Bay, for the first sixty or seventy miles." The Ungava River is navigable for sea-going vessels to a point three or four miles above the Hudson's Bay Company's post, Fort Chimo, and boats may ascend it for seventy or eighty miles. The river is from one-quarter of a mile to a mile and a-quarter in width. Its upward course is S. by E. (true), and it passes through a barren undulating country. Spring tides at Fort Chimo rise  $38\frac{1}{2}$  feet, and the rapid currents produce dangerous whirlpools. Salmon frequent the rivers of Ungava Bay in great numbers, and for some years the Hudson's Bay Company have annually sent a cargo of them, in a frozen state, by a small steamship, to the London market, in addition to a considerable quantity of the salted fish. Besides salmon, the trade of this port consists of furs, seal and white porpoise oil, and deer skins, and is carried on with the Eskimo of the coasts, Cree Indians from the south-western interior, and Nascope Indians from the south-eastward.

Spruce timber begins to be met with, according to all accounts, about thirty miles to the south-west of the Hudson's Bay Company's post at Nachvak. The tamarac follows a short distance further south. To the westward of Nachvak, the northern limit of the spruce, according to Capt. William Kennedy, reaches the shore of Ungava Bay, north of the George River. On the western side of this bay the Eskimo informed me it begins to be found in the neighbourhood of Bay of Hope's Advance, or five days' journey south-eastward of Cape Prince of Wales, on the south side of Hudson's Strait, and that in this neighbourhood it was found further north in the interior than near the coast. In addition to spruce and tamarac, balsam-fir, canoe-birch, aspen and balsam-poplar are reported, on good authority, to exist in the interior of northern Labrador, but at some distance further from the coasts of the Atlantic and the Strait than the first mentioned.

On the East-main coast of Hudson's Bay the northern limit of the spruce was found to be a few miles north of Richmond Gulf, but it was reported to extend much further north at a distance inland from this coast. On the west side of the Bay it was seen in considerable quantities all along the coast, from Cape Churchill to Button's Bay, and Mr. George McTavish, who has made several coasting voyages to the north, and who, at my request, has kindly made observations and collected information from the natives in regard to the distribution of timber, informs me that it

leaves the shore about twenty miles beyond Seal River. He was told by the Eskimo of these parts, who travel a good deal in the interior, that spruce timber begins to be met with at two days (say fifty-five miles) west of the mouth of Big River, and that it is considerably further inland, opposite to Eskimo Point, which is about in latitude  $61^{\circ} 40'$ . From this neighbourhood it runs west north-westward and crosses the Coppermine River about twenty miles from its mouth, and thence reaches nearly to the mouth of the Mackenzie River.

On leaving Nachvak, we sailed up the coast, passed round Cape Chudleigh, through Gray's Strait, which is between it and the Button Islands, and entered Ungava Bay. According to the chart and the *Newfoundland Pilot*, the cape rises to a height of 1,500 feet above the sea, and the highest point of the Button Islands has an equal elevation. The outlines of these islands and of the southern shore of Gray's Strait, although bold and steep, are rounded, as if they had been glaciated. At the west end of the south-eastern island of the Button group a great rock has been excavated into the form of a half arch, which rises out of the water and rests, at its summit, against the cliff which forms the extremity of the island. The rocks of the islands and the south side of the strait appear to be all gneiss.

On the Ungava Bay side of Cape Chudleigh we entered an inlet about ten miles southward of the extremity of the land, and discovered a harbour on its north side, which we named Port Burwell, after Mr. H. W. Burwell, the gentleman who was left in charge of the station (No. 1) which we built here. The hills, for a few miles around Port Burwell, are only moderately high and are not generally steep. Their outlines are rounded and their rocky surfaces have scattered upon them numerous boulders as well as finer rocky *débris*. The rock everywhere consists of ordinary varieties of gneiss, the commonest of which are massive reddish and dark hornblende and micaceous. The strike at the Port varies from  $N. 20^{\circ} E.$  to  $N. 40^{\circ} E.$  (mag.) The glacial striæ at the observatory station run  $S. 35^{\circ} E.$  (mag.), but among the hills in the neighbourhood they were observed to follow the trends of the valleys with a general south-eastward course by the compass. A short distance south of the station, a vein, varying from 8 to 13 inches in width, occurs in the gneiss. Its direction corresponds nearly with the strike, which is here  $N. 20^{\circ} E.$ , running with the stratification for a short distance, breaking across to other beds, following them for a short distance and then jogging off to others. It consists of light grey dolomite and white quartz, holding a little iron pyrites and some crystals of quartz, rendered ruby-colored by a layer of oxide of iron under the faces.

From Port Burwell I explored the inlet to the south-eastward, and found it to be a strait dividing into two branches at five miles from the Port, the northern of which was ascertained to run through to the Atlantic. The Eskimo whom we met in this strait informed us (through our interpreter) that the southern branch also continued through to the ocean. They also told us that there was no other channel to the south of this between Ungava Bay and the sea to the east. We named this newly found channel McLelan's Strait, in honor of the Minister of Marine and Fisheries, and the north-west point of the main land, Cape William Smith, in honor of the Deputy Minister. At six miles from Port Burwell the northern branch of McLelan's Strait has contracted to half a mile in width, and has become flanked by high and steep hills, rising from either side. The tides, which at springs have here a rise and fall of upwards of twenty feet, run with great velocity through this narrow part. The locality is called Nunaingok by the Eskimo, which means the Hidden Place, and the same name is applied to one or two other localities on the Labrador coast. In proceeding from Port Burwell to Nunaingok, our course was  $S. 5^{\circ} E.$  (mag.) or  $S. 55^{\circ} E.$  (true), and the country on either side of McLelan's Strait showed less and less evidence of glaciation. Even close to the shore, in approaching the higher hills which begin at Nunaingok, the gneiss is deeply decayed, the softening process having extended particularly along the joints which run both vertically and horizontally, leaving only hard kernels with a more or less rounded outline, between them. Nunaingok is situated on an alluvial flat, extending between the two branches of the strait. The hill which rises steeply on the south side of it is about 700 feet high; but

further in, between the branches and on either side of them, the mountains are from 1,500 to 2,500 feet high, and have rugged tops and sides. Rounded boulders were found scattered all over the side and top of the hill just referred to; but although it had probably been somewhat glaciated, it had not been planed down to hard surfaces, but had an irregular outline, and the rocks were much disintegrated. Among the transported boulders and pebbles scattered over its surface, some of brecciated drab limestone with clear quartz grains, pinkish red sandstone, red jasper and magnetic iron, were noticed. Fragments of grey, drab and yellowish limestone, with obscure fossils, were common around the base of the hill. The glacial striae were well seen on the southern side of the hill referred to, where, in one case, they were observed to groove longitudinally a vertical wall, and even the under side of an overhanging shelf of rock. The general direction was S. 25° E., or with the course of the south branch of the strait.

The fixed rocks around Nunainok, as far as I had the opportunity to examine them, were all gneiss, the average strike of which was N. W. (true.) On one of the mountains on the north side of the northern channel a wide belt of brown, iron-stained rock runs diagonally through the ridge, the color being probably due to the decomposition of iron pyrites, but I had not time to visit the place.

At Nunainok, on top of a bank of sandy earth, are the remains of an old Eskimo village. The roofs of most of the underground houses had fallen in, leaving only large circular pits. Some of these had become partially filled up, showing great antiquity. A few of the newest of them had been inhabited within a year. Some Eskimo camped in the vicinity informed us, through our interpreter, that this had once been a comparatively populous village, and a resort of their people as far back as their traditions extend. It is their custom to live in the underground houses from the commencement of winter, some time in November, till January, after which they leave them and spend the rest of the winter in igloos or snow houses. The water in the north branch of McLellan's Strait, they informed us, is open all winter at this point, and is much frequented by seals, which afford them a reliable supply of food. These animals they kill either from their kyaks or by spearing them from hiding places which they have built of stones on every ledge and point of rock past which the seals are accustomed to swim. Great numbers of bones of seals, walrus, reindeer, foxes, hares, birds, &c., lie scattered about on the surface and mixed with the earth around the old dwellings. The remains of stone pots and implements near others of European manufacture showed a transition from the barbarous to a civilized condition. I was told by one of the Labrador missionaries, who had had a long experience of these people, that the comforts and conveniences of civilization rendered the Eskimo less vigorous and healthy, and, as a consequence, their numbers are diminishing.

The "Neptune" was anchored in 15 fathoms at low tide in Port Burwell. The bottom was a sandy mud, and was found, by dredging, to abound with shellfish, echinoderms and crustaceans. During our stay, from the 5th to the 8th of August, the water teemed with fine cod, which were taken in great numbers by jigging. Many of them were tolerably large, and they were of excellent quality, contrasting, in this respect, with the cod we had got at Nachvak, Ford's Harbor and a fishing station on some islets we had passed to the south-east of it. Most of our crew had had more or less experience of the Labrador fisheries in previous years, and the superior quality of the Port Burwell cod was a subject of general remark among them. On our return to Port Burwell we found the fish still abundant on the 27th and 28th of September, and the party in charge of the station informed us that they could catch them any time they chose in the interval. At Nachvak the fishermen began to take cod on the 17th of July, and they were catching them in great numbers at the end of the month. During our stay in Skynner's Cove, in the inlet, from the 30th of September till the 6th of October, we caught as many as desired, by jigging from the ship's deck. From all that I could learn by enquiries along the Labrador coast and from our crew, it would appear that although the dates vary in different years and at different places, the average time for the cod to strike the shores is the middle of July, and that the particular time at any locality depends more on the presence or



absence of ice than on its latitude. If this condition happened to be the same all along, the fish would appear at the same time at every part of the coast. This would be the natural inference, since there appears to be no other difference in the conditions which would affect the cod along the whole coast. Bait is used as far north as Cape Harrison, but beyond that the fish are so numerous and voracious that the naked jigger alone is required. The fish are dried on flakes as far as Indian Harbor, but on the more northern parts of the coast they are spread upon the shingle or the smooth, rounded rocks.

Station No. 2 was intended to be placed on Resolution Island, or one of the Lower Savage Islands to the north-westward of it; but after spending part of two days in endeavoring to find an anchorage or a harbor on these islands, the attempt was abandoned until we should be returning after establishing the remaining stations. A near view of Resolution Island was not obtained on this occasion, but the southern shores of the Lower Savages were seen closely enough to determine the rocks to be massive gneiss, of which the prevailing color was red. The iron-bound shores of these islands rose abruptly several hundred feet above the sea.

On leaving the Lower Savages we proceeded up the Strait to the vicinity of North Bluff, but at a long distance from shore, until we came directly opposite to it. We anchored in a bay two miles east of the Bluff, which we called Ashe's Inlet, after Mr. W. A. Ashe, D.T.S., who was to have charge of the observatory station (No. 3) which we proceeded to erect on the eastern side of the bay.

The rocks on the west side of Ashe's Inlet consist of dark grey gneiss, composed principally of quartz and felspar in even beds. The general strike, which is pretty uniform, is east and west (true), and the dip, north at an angle of 40°. On the higher levels the surface of the rock is decayed into half isolated boulder-like masses. In the vicinity of the station, on the east side, a common variety of gray micaceous gneiss is met with, striking with regularity to the N.W. (true). A mile to the northward, however, on this side of the inlet, it has become east and west (true), corresponding with the strike on the west side. The country was examined for several miles inland, or what I judged to be about the centre of the (Big) island, and found to consist entirely of common varieties of gneiss, with a prevailing westerly strike. It contains many veins of "hungry" or barren milk quartz. Some of them hold felspar and black mica, giving them a somewhat granitic character. In one of them the felspar, which was white, was observed to be striated. The hills have a rounded sweeping outline, and their summits are a considerable distance apart. The wide even spaces between them hold shallow lakes, surrounded with green meadow-like flats and mossy slopes. Numerous rivulets and brooks run down the hills and discharge the waters of one lake into another. The general aspect of the landscape reminds one of some parts of the Highlands of Scotland. A shallow looking lake, with many low stony points, begins about three miles northward of our anchorage, and has a length of about three miles. It discharges south and westward into Ashe's Inlet by a wide, rapid and shallow stream, which we called Edith River. The Eskimo informed us that at certain seasons large trout were abundant in this lake and river.

Around Ashe's Inlet the glacial striæ run about S. 65° E. (true). On the tops of the hills the rocks are much weathered and only faint traces of the striæ remain. In these situations ridges of gneiss boulders, with an easterly direction, were occasionally met with. One of them, on a hill a short distance north of the observatory station, has evidently accumulated in the lee of a knob of rock which stands at its western extremity. Among the prevailing gneiss boulders scattered on the hills and plains were found several of grey dolomite like that of the Manitouink group of rocks (Cambrian. See Geological Survey Report for 1877, p. 11 C.) and of the soft buff grey dolomite like that of the Churchill River. (See Geological Survey Report for 1879, p. 18 C.). I also found a large decomposed boulder which had been made up of coarse radiating crystals of greenish grey hornblende. A bed of the same rock was afterwards found interstratified with the gneiss at Cape Prince of Wales, on the south side of the Strait, opposite to Ashe's Inlet. A small piece of greyish crystalline limestone was picked up near

Ashe's Inlet, which bears a very close resemblance to a variety common in the Laurentian bands of the Ottawa valley.

Some heavy field-ice had drifted into Ashe's Inlet before our arrival there. The Eskimo informed us that this was the first time in their knowledge that such a thing had occurred, and this circumstance afforded us another proof of the unusual abundance of this kind of ice the present summer. Several of the pieces or "pans" were upwards of 20 feet thick, and as the tide has here a rise and fall of more than 30 feet, some of them were left dry at low water and were found to consist of solid blue ice. The outlines of these pans, as seen floating in the sea, more frequently approach a quadrilateral form than any other. This kind of ice was afterwards seen in great quantities around Salisbury and Nottingham Islands, in the mouth of Fox's Channel, down which there appears to be no doubt, all the heavy ice of Hudson's Strait, comes. On reaching the Strait it projects towards the south shore and breaks off in fields of greater or less extent which float up and down with the tide, always working to the eastward, and part of it finally escapes into Davis' Strait. Hudson's Strait, however, being about 500 miles long, the tendency of the wind and tide is to drive much of it ashore, or to imprison it in bays and inlets. Once it has reached such situations, the lee afforded by the high lands often prevents it from being drifted out to deep water again. In this way, during the present season, a large quantity of it became fixed in Ungava Bay and detained the Hudson's Bay Company's steamer "Labrador" for twenty-one days, being the first time, I understand, that any detention of the kind has taken place. Mr. L. M. Turner, of the Smithsonian Institution, who was at Fort Chimo at the time, informed us that the thickness of some of these blocks of ice was measured, and in one case found to be as much as 42 feet. Mr. Burwell, at Station No. 1, on the west side of Cape Chudleigh, reported that, during August and September, he observed these heavy pans floating south-westward into Ungava Bay, but never returning past his station. At Ashe's Inlet the observer reported that the ice always floated back, or westward, a short distance, with each tide, but finally disappeared to the eastward. Some of this heavy ice was stranded about Cape Prince of Wales in the latter part of August and the first half of September, but it had all gone when we re-visited the station here on the 23rd of September. At Nottingham Island we observed some of the heaviest "pans" stranded in 6 fathoms of water, and they would, consequently, be about 40 feet thick.

I tested the ice of the stranded pans in some places, and always found it fresh. This would be the case, notwithstanding that the ice formed in sea water, for most of the salt would be thrown out in the freezing, and what might remain would drain away near the surface on exposure to the mild air of summer. Owing to the somewhat poor heat-conducting power of ice, it is not possible that so great a thickness as 40 feet could form in one winter in Fox's Channel. It is probable that a good many years would be required. In regard to the quantity of ice which has been observed in Hudson's Strait, a study of the experience of the vessels which have navigated these waters, as well as of that of the ships of the Moravian Brethren coming to the coast of Labrador, would seem to show that there is a succession of good and bad years, with a minimum, and a maximum at perhaps seven or eight years apart, or in cycles of some fourteen or fifteen years; also, that there may be a maximum intensity in these cycles themselves, so that perhaps every third one will be more favourable in the minimum of ice and more severe in the maximum than the two intervening ones.

The fact that most of the ice-pans of Hudson's Strait, when not covered with fresh snow, are colored with dust and earth, points to their formation near shore, and also to their remaining there during one summer at least, when the ground is bare of snow and the surface not frozen. The dust appeared to be in too great quantity to be of cosmic origin. These pans sometimes carry gravel on their backs, a circumstance which was noted in my report for 1880, p 20 C. When at Ashe's Inlet, a fact was observed which may explain the last mentioned phenomenon. Some tolerably thick ice still remained attached to the shore at high tide mark. During the melting of the snow on the hills above it, torrents had carried a quantity of stones and earth

out of an adjacent bank and deposited them upon the surface of the ice. The connection between this ice and the shore being sufficiently weakened, the next spring-tide would carry it out to sea, as previous tides had already carried parts of the adjoining ice, similarly laden.

The icebergs of Hudson's Strait are of comparatively small size and are or have been mostly flat-topped. The original appearance of some of them has been altered by foundering and canting, which have occasionally been repeated several times, the various positions which the berg has occupied being indicated by water-lines now standing at different angles to the surface. These small icebergs are most numerous along the northern side of the Strait, and they have never been observed west of Fox's Channel, out of which they proceed. They are supposed to originate from glaciers on the shores of this channel, but it is possible that they may come through the passages which are believed to run into it from Baffin's Bay and Lancaster Sound, or through Fury and Hecla Straits, in all of which the current is known to set southward.

✶ The soil or drift material of Hudson's Strait is probably permanently frozen at a certain depth below the surface, although our interpreter told me it was not so at Nachvak, nor does it appear to be the case at Nunaingok, in McLellan's Strait. On Nottingham and Digges Islands, when the gneiss has been glaciated and its hard surface exposed to the cold, it appears to have become so deeply chilled that its temperature does not rise above the freezing point in summer, except in the direct sunshine. Whenever water in small quantities had flowed over these rocks at night or in the shade during the day it had become frozen.

While the "Neptunæ" was lying at Ashe's Inlet a party of Eskimo from the eastward came on board. They brought with them plates of good, light coloured mica and pieces of pure foliated graphite, also a small piece of iron pyrites, and one of amorphous graphite. In reply to questions, they stated that they came from a place called Kimnirook, about two days' journey by kyak, to the eastward, and that they had gathered these specimens in that vicinity. They further stated that there was plenty, both of the mica and the foliated graphite. Having assembled these visitors, and also the Eskimo of North Bay, who were already at the Inlet, a party of thirty-eight in all, I exhibited to them my collection of minerals, and passing them round, one at a time, enquired successively if any of them had ever seen a mineral like that. In return for any information which they might give, I offered them tobacco, ammunition, kettles, &c., all of which they coveted very much and might easily have invented stories as to the occurrence of minerals in these regions in order to gain the articles offered. But the only kinds they recognized, besides those of which they had brought the specimens above mentioned, were a bright red hæmatite occurring inland from Kimnirook, and a rather hard and inferior variety of soapstone, which they used for making pots before they obtained metal ones from the white men, at the western end of Big Island (in which this inlet and North Bluff are situated). They said they had observed plenty of hard white stones, like the quartz exhibited, in various localities, but no soft white ones such as the marble, gypsum, barytes, &c., the hardness of which they tested with their knives.

During our stay at Ashe's Inlet, the Eskimo killed two reindeer in the vicinity, and, judging from the numerous tracks, of these animals they would appear to be common; but the natives informed us that they were much more abundant on the mainland to the north, where they are in the habit of hunting them most of the summer, coming again to the sea shore to live on seals and walrus during the winter. Three young harp seals were killed in the inlet during our visit, and as we steamed out of it we saw two walrus. One of our party obtained the tusk of a narwhal from the Eskimo who visited this inlet. Arctic hares were numerous on a small island, to which the foxes could not gain access. Gulls, gannets, guillemots, eider ducks and ptarmigan were the commonest birds. The young of the last named were about three parts grown on the 15th of August, and could fly with the adult birds. The Eskimo informed us that large trout were abundant, at certain seasons, in what we named Edith Lake and River, a few miles north of the observatory station.

Driftwood, all spruce, of which a considerable quantity had been seen at Port Burwell and in McLelan Strait, was entirely absent at Ashe's Inlet, and Nottingham Island, and was scarce at Digges Island and Cape Prince of Wales.

We left Ashe's Inlet on the evening of the 16th August, and arrived at Cape Prince of Wales, on the opposite side of the Strait, on the morning of the 17th, the distance being about 60 geographical miles, and the course about S. S. W. (true). Prince of Wales Sound lies to the south-eastward of the cape, and appeared to be about 15 miles broad. We selected a place on the inner side of the cape for building the observatory station, and named it Stupart's Bay, after Mr. R. F. Stupart of Toronto, who was to have charge of it. The highest hill on the west side of the bay was ascertained to have a height, according to the barometer, of 340 feet, and the highest to the south of it to have a height of 180 feet. The rocks in the vicinity of the bay were found to consist entirely of Laurentian gneiss. In the hills on the west side of Stupart's Bay, the strike is from S. to S. 40° E. (mag.), or nearly east and west (true). The gneiss in the hills, both to the south and west, is cut by numerous veins and bunches of milk-white quartz, which in various parts are so conspicuous on the bare surface as to be seen from considerable distances. In one place on the eastward slope of the hill to the west a group of parallel veins of this mineral, varying from a foot to two feet in width, is traceable for some distance. Their course is slightly sinuous, but the average run is N. 55° W. (mag.). Red felspar occurs in some of these, and occasionally a little black mica. The top of this hill is rounded and striated. The glacial grooves are quite distinct. On the highest point their direction is S. 60° E. (mag.). A little below the summit, on the south side, they run S. 50° E., while at the observatory station, near the sea shore, their course is S. 40° E. (mag.).

Viewed from the top of the hill just referred to, the slopes and valleys to the north-eastward are full of ponds resting in basins of solid rock. Boulders are perched on the summits and slopes of all the hills around. Beaches of shingle, as fresh looking as those on the present sea-shore, except that the stones are covered with lichens, may be seen at all levels, up to the tops of the highest hills in this vicinity. The long sloping hillside to the south of the observatory station is covered with fields of shingle and small round boulders, all blackened by the lichens. At the northern base of the ridge, to the north-west of the station, is a large dry basin-like depression, with a notch on the outer side, through which it has formerly communicated with the sea. From the notch, the shingle and mud are spread over the floor of the basin in a fan-like fashion, as if the tides had rushed violently in through this opening. The materials of the raised beaches above referred to consist principally of gneiss with milk quartz from the veins of the neighbourhood, together with a few fragments of yellowish grey dolomite, with obscure fossils, a hard and nearly black variety of silicious clay-slate, with an occasional boulder of dark, hard crystalline diorite.

Prince of Wales Sound has a breadth of, apparently, about fifteen miles, in a due S. E. bearing from Stupart's Station, on the inner side of Cape Prince of Wales, and of probably eight or ten miles in a southerly direction. A long arm, the north shore of which I reached at two and a-half miles due S. W. from the station, runs due west from the western side of the sound. This appeared to be the favourite resort of the Eskimo, and I propose to name it, for convenience, Eskimo Inlet. A small rapid river was crossed between the station and the inlet. The Eskimo informed me that another river enters the head of this inlet, and that it passes through two good sized lakes not far from the sea. Some large trout, which they had brought to the ship, were stated to have been caught in this river. Salmon were said to be found in another river entering the sound at a point about south of Stupart's Bay.

The hills of gneiss between Stupart's Station and Eskimo Inlet are pretty thoroughly glaciated. The ridges and hummocks, as a rule, present smooth gradual slopes to the west and abrupt craggy faces to the east, showing that the movement of the ancient ice was from the west. The striae are well seen in many places on the hills, the average direction being S. 40° E., (mag.) or about due east, astronomically. On the shore of the inlet they run a little north of true east or parallel with the course

of the inlet itself. Here I found a good many boulders of grey and yellowish limestone on the beach.

The gneiss along the northern shore of Eskimo Inlet is of the ordinary variety, and has an average strike of N. 20° W. (mag.) One of the veins of white quartz in this locality contains purplish red calcspar, in rather coarse crystals of a uniform size, both the color and texture closely resembling some varieties of the banded crystalline limestones of the Laurentian series in the County of Lanark. Dark crystals of epidote occur along with it. Light green amorphous epidote and a bright red felspar are associated in some of the quartz veins of the vicinity. One of the Eskimo had a small lamp made of a soft, grey variety of schistose mica rock, which he said occurred on an island in Prince of Wales Sound.

From a hill near Eskimo Inlet a view was obtained far inland to the west. The surface of the country in that direction appears in long sweeping outlines, terminating in mountain ranges in some of the higher parts, and resembles the landscapes in various parts of Newfoundland.

The Eskimo report reindeer to be plentiful around Prince of Wales' Sound at certain seasons, being most abundant, I understood, in the winter. During the interval between our two visits to the sound, the natives killed several, and a member of the observatory party shot one in the vicinity of Stupart's Bay. These people also told us that the polar bear was common on the southern shore of the Strait, to the west, and that Ane-ugi, or Snow Island, about eight miles above Cape Prince of Wales, was a favourite place for them to land. The walrus is found at this cape at most seasons of the year. We saw several in going out and in with the "Neptune," and our interpreter killed one while we were lying in Stupart's Bay.

The Greenland, or harp seal, (*Phoca grœnlandica*, Fabricius) was the species on which the Eskimo were living during our visit to Prince of Wales' Sound, but they had in their possession the skins of a good many harbor and square-flipper seals. (*Phoca vitulina*) (Linn.) and *Brignathus barbatus* Fabricius). Some of the last mentioned were very large, stretching from the apex of a wigwam to the ground, and measuring 11 or 12 feet in length.

In reply to questions put to the Eskimo here, through our interpreter, they informed us that not only the Strait itself, but even Prince of Wales' Sound, did not freeze over in the winter, but that ice drifted up and down with the tides. They stated that ice formed in the coves and around the shoals and islands off the cape. The chief reason why they live in this vicinity is that Cape Prince of Wales being "a good place for ice" they are more certain of a steady supply of seals and walruses than elsewhere.

As to the supposed passage or channel between Bay of Hope's Advance and Mosquito Bay, they did not appear to have any personal knowledge. Our interpreter did not think it existed, but as he came from the eastern Labrador, he had no definite idea on the subject. Being an egotistical individual, and wishing his own opinion to prevail, it was impossible for me to get a fair expression of the views of these people on this important matter.

We left Stupart's Bay at Cape Prince of Wales, on the evening of the 22nd of August, and arrived at the southern part of Nottingham Island on the morning of the 24th. In passing the south-side of Salisbury Island, the hills of the western part were observed to have more even outlines than those of the eastern, as if the glacial force had come from the westward. We anchored in 5 fathoms of water, in an inlet a few miles east of the most southern part of Nottingham Island, and found a suitable place for the station close to our anchorage, and on the north side of the inlet, which we named Port DeBoucherville, after Mr. C. DeBoucherville, of Ottawa, who was to have charge of this observatory.

Around Port DeBoucherville, and for some distance to the westward, the country consists of island-like hummocks of rock, more or less separated from one another and surrounded by clayey mud. The lower parts of these muddy intervals are partly overflowed by the tide, rendering the water turbid in all the bays and inlets of this part of the island. The clay is mingled with boulders and gravel, and it extends below the bottom of the sea on the one hand, and up the valleys to a height of 50 to

100 feet. In preparing to leave the port, it was found difficult to start our anchor out of the mud, some of which came up on one of the flukes, and proved to be an exceedingly tough bluish-grey clay, containing grains of coarse sand disseminated through it.

I explored the country to a distance of about three miles in various directions from our anchorage, and found the rocks to consist of common varieties of gneiss, the only exceptions noticed being patches of a fine-grained red syenite on both sides of the inlet. The average direction of the strike is south-west (true) but there are numerous local variations which, however, seldom carry its course outside of the south-west quarter of the circle. The joints in the gneiss run about east, or nearly parallel with the glacial striæ, and this is also the direction of a number of long cuts and straight valleys or gorges in the gneiss, which have, therefore, an oblique angle to the strike. The bottoms of these depressions are filled with boulder clay, which, on the surface, has a structural arrangement parallel with the walls, apparently due to a process of expansion and contraction and of heaving, on account of the intense frost of this region. In narrow cuts or gorges the heaving of the clay was greatest along the sides, which had the effect of sorting out and throwing the boulders to the centre, where they formed rows as regular as if they had been placed artificially.

The direction of the joints in these rocks may also be that of dykes and veins, which, owing to decay and subsequent glacial action, would now be concealed in the bottoms of the depressions above referred to. At a projecting point on the side of one of them, however, and running parallel to its walls, I found some strag-gling veins of hard gray dolomite, weathering brown and holding scales of mica.

The rocks of the lower levels are well glaciated, and from upwards of twenty trials in various situations around Port DeBoucherville, the average course of the striæ across the south end of Nottingham Island was ascertained to be S. 30° E. (mag.), or only a few degrees southward of true east. That the direction of the glacial movement was towards the east is obvious from the contour of the *roches moutonné*, the mode of the fluting of perpendicular walls and of channels cut in the rocks, as well as by the direction of the curves of the semi-circular lines across the larger grooves themselves. A valley, with a south-eastward bearing, enters the head of Port DeBoucherville, and along it the grooves partake of the same direction, showing that while the low southern portion of the island was swept by a great glacier from the west, another was traversing it from the north-west. Nearly half of the boulders, stones and gravel of the drift are grey limestone, like that of the Manitounik (Cambrian) group, indicating the proximity of these rocks to the westward. The grey quartzite of this series is also well represented. One piece of this rock contained the characteristic spherical spots of a softer nature and lighter colour, which usually weather out into hollows on exposure. There are also fragments of black slate and red jasper, both of which have been found in the Manitounik group. Two pieces of fine-grained white quartzite were noticed, which may have come either from rocks belonging to this group or to the Huronian series. A fragment of red sandstone conglomerate was also observed, of the same kind as that which underlies unconformably the Manitounik rocks, and is so largely developed at Little Whale River and Richmond Gulf. (See Report of the Geological Survey for 1877, pp. 13 and 14 C.) No shells were found in the boulder-clay, but a few common species were abundant in a bank of stratified sand, having a height of about 8 feet above high-water mark at the head of a bay.

During the interval between our two visits to Nottingham Island, the observatory party saw a few reindeer, but the numerous tracks and droppings of these animals show that they exist here in considerable numbers. Several of their shed antlers were found, and all of them had the upper tines curiously hooked and curved inwards—a peculiarity which would be incompatible with forest life. We saw a few walrus when first approaching the island, and while the station was building, but they were quite numerous upon the ice which we passed through to the south of it on our return on the 20th of September. These animals accompany the ice during the summer, and its unusual prevalence in this quarter the present season was shown by the blighted condition of even the Arctic vegetation of the island. Arctic hares and foxes were seen, and both appeared to be abundant.

Among the more noticeable birds which breed on Nottingham Island, are the Arctic loon (*colymbus arcticus*, Linn), and the whistling swan (*cygnus americanus*, Sharpless). We killed four old swans, all moulting, and two young ones, nearly full grown, on the 27th of August, and the male, female and young of the Arctic loon.

At Port DeBoucherville I found distinct remains of a very ancient Eskimo camp in the form of heaps and circles of stones, like those of the modern Eskimo, on a raised beach at the head of what had been a cove. From what I have seen of the situations, which the Eskimo, in various places in Hudson's Bay and Strait, choose for their camps, there appeared to be little doubt that they had lived here when the sea-level was 20 to 30 feet higher than it is at present. On the rocks facing the open Strait, just south of the inlet, the more recent works of these people are well preserved, although they are probably upwards of 100 years old. Besides numerous rings of tent-stones and some shapeless heaps, there are here several rectangular walls a few feet high, and caches of a bee-hive form, each about 6 feet in height and 7 feet in diameter. Two of the latter are nearly complete, and are adapted either for storing meat or as hiding places or "stands" from which to kill game. A good photograph of one of them was obtained.

When we left Nottingham Island, it was proposed to place the next station on the south point of Mansfield Island, but the locality having been found unsuitable, the station was built on Digges Island, off Cape Wolstenholm, on our return voyage. As the geographical position of this station comes next in order, I shall now state the observations which were made during our visit to the locality. Heretofore the name Digges or Cape Digges has been applied on the sketch charts to several islands, represented as lying off Cape Wolstenholme. Our explorations went, however to show that there is only one island from ten to fifteen miles in length. The bare hills of which it is composed are divided into several detached groups by straight, transverse valleys, cutting well down towards the sea-level, thus giving the appearance of separate islands, when viewed from a distance. The greatest length of the island lies about east and west (true). As this is also the commonest direction of the strike of the gneiss, most of which is red, and also of the glacial striæ, the island has become divided by longitudinal valleys, some of which, too, were traced in nearly straight courses for several miles.

We found a good harbour on the south side of the island, about a mile from its western extremity, well sheltered from all quarters except the south-west, with good holding-ground and a convenient depth of water. The station was built on its south-east side, and placed in charge of Mr. A. N. Laperrière of Ottawa, after whom the harbour was called Port Laperrière. Only a narrow neck of land separates the head of the harbour from Hudson's Strait to the north. Between this and the western extremity of the island the hills have a rounded outline, and raised beaches, composed mostly of coarse shingle, form a prominent feature on their slopes, all the way from high tide mark to their summits, the highest of which is between 300 and 400 feet.

On the north side of Port Laperrière a light-colored quartzose band of gneiss contains numerous claret-colored garnets. Here the strike is N. 35° W. (mag.), but to the eastward of the harbour it is N. 45° W. (mag.), the bedding running in straight lines over a considerable area. At four miles east of the harbour, and towards the north side of the island, the gneiss strikes N. 50° W. (mag.). A well marked valley, with a chain of lakes along its bottom, comes to the south side of the island, about two miles east of Port Laperrière. It runs about east by north (true), and was explored for five or six miles without coming to the end of it. The general strike of the gneiss was parallel with the valley all along.

The red gneiss, which rises from the shore on the north side of the valley, running eastward from the head of the harbour, is cut by two parallel fissures, only 3 or 4 feet apart, with well defined, slickensided walls, the intervening mass simulating a vein; but it is composed of red gneiss, all divided into small, sharp, angular pieces by a multitude of joints intersecting each other in all directions, and often lined with green epidote, which in this region very frequently accompanies veins and

dislocations. These fissures run in a north-easterly direction, but curve about a good deal. They are accompanied by a small quantity of a handsome variety of red pegmatite, the quartz of which is blue, and the mass is occasionally streaked with bright green epidote.

Around the western part of Digges Island the course of the glacial striæ is from S. 70° E. to S. 75° E. (mag.); but in the interior it averages S. 55° E. (mag.), or with the general direction of the valleys.

We saw no Eskimo about Digges Island, but they appear to have visited Port Laperrière in recent years, as the remains of their camps were found in two or three places close to high tide mark. Some ancient camping places were also observed around this harbour, which, from their elevation above the present beach, the decayed nature of the larger bones lying about and the manner in which the circles of stones were embedded in the moss and overgrown with lichens, were supposed to be from 100 to 300 years old. Still more ancient works of the Eskimo were discovered in the valley which comes down to the head of the harbour. These consist of a row of stones lying in the vegetable matter at the surface, touching each other and running at right angles to the brook, at a contracted part of the bottom of the valley, which would be suitable for the Eskimo method of trout-fishing if the sea were 75 or 80 feet higher than it is at present. If the sea has receded as rapidly as 7 feet a century, these works would be upwards of 1,000 years old, and if the rate has been less they must be even more ancient.

The same day that we arrived at Port Laperrière (16th September) a she polar bear and her two cubs were killed in the interior of the island, about two miles from the ship. The cubs were somewhat larger than sheep, and were probably between seven and eight months old. Our party having approached them cautiously, one of them was observed sucking its mother. I examined the stomachs of all three, and found them to contain nothing but partially chewed grass. About four quarts of this were found in the stomach of the old bear and two and a-half and one and a-half respectively in the cubs' stomachs. I had been informed by some Eskimo and Hudson's Bay Company's people that the polar bears sometimes eat grass, and I had occasionally seen along with their tracks, dung which could scarcely have been dropped by any other animal, and which was made up of the remains of comminuted grass and other vegetable matter. The three bears referred to were killed on a grassy spot where they had spent some time, apparently for the purpose of eating grass, and this was probably their only object in wandering away from the sea. The presence of the newly swallowed grass in such quantity in the stomachs of all three convinced me that these creatures live, to some extent, on vegetable food. On the 30th of August, while sailing down the east side of Mansfield Island, we saw a large polar bear and cub running along the rocks about a mile back from the shore. Walruses were numerous around Digges Island during our stay there. They were always in the water and were generally seen in groups of from three to seven or eight.

We arrived at the eastern part of Mansfield Island, about mid-way down, on the morning of the 30th of August. Its even outline presented a remarkable contrast to the shores of Hudson's Strait. It resembled a gigantic ridge of gravel; but stratified rocks, in low horizontal ledges, appeared here and there, through the *débris*, at different levels. At one place, four or five miles inland, the island rises to an elevation of about 300 feet above the sea, and this was the highest point observed upon it. Small streams appear to run out upon the eastern shore, as narrow cañons are cut in the rock in a few places. The monotony of the eastern slope of the island is broken at one locality by the rocks projecting through the *débris* in a form resembling an old castle, with three towers on the left, and a wall broken through by embrasures on the right. A short distance to the south of this there is a cliff, with a distinct pillar on the left. These points are considered worth noting, as they have a bearing on questions as to the glacial phenomena of these regions. For many miles, the whole of the eastern slope of the island presents a succession of steps or small terraces, mostly too low to be distinctly counted, but there might be a hundred of them



between the sea level and the highest parts of the island visible. These appeared to be partly ancient beaches, and partly the outcropping edges of nearly horizontal strata. I landed at a point about the middle of the eastern shore of the island, and found the shore very flat, with shallow water for a considerable distance out. The rock proved to be a fossiliferous grey limestone, in rather thin horizontal beds. The fossils were obscure and scarce at the place referred to. Those collected, Mr. Whiteaves thinks, are Silurian. The rocks themselves resemble the Lower Silurian limestones of the Red and Nelson Rivers. I landed again near the south end of the island, and found the water very shallow in approaching the shore. No rock was detected in situ at this place; but a great extent of gravel and coarser shingle, derived from limestone like that found in situ further north was thrown into a succession of long, low ridges and terraces, all curving with the contour of the land. Behind most of the ridges I met with long ponds of clear, fresh water. A number of caches and "stands," built by the Eskimo, were seen along the shore of Mansfield Island, but none of these people were observed.

From the southern extremity of Mansfield Island we steamed to Cape Southampton, and thence coasted north eastward, in the hope of finding a suitable site for building an observatory station, but without success; and after making between twenty and thirty miles in that direction, we returned to the cape and passed round it to the westward, shaping our course thence for the opposite side of Hudson's Bay. The general character of this island, and the part of its shore which we examined, are quite like the eastern side of Mansfield Island. It has rather more vegetation upon it than the last named island, and much of the surface has a brown colour in consequence. Shallow water, having a light green colour, extends some distance out all along. The island slopes gradually up from the beach and is thrown into a great many small terraces. The highest point seen did not exceed 200 feet above the sea. I noted that the limestone is evidently exactly the same as that of Mansfield Island. Low cliffs in the upper levels break through the decayed mass and the *débris*, and horizontal ledges also make their appearance through the loose materials near the sea beach.

We did not observe any natives on the part of the island which we saw, but at four miles north-east of Cape Southampton there were three fresh houses of the Eskimo, covered completely with sods and moss, and having the doors built round with stones. About three-quarters of a mile to the north-eastward of these were five old Eskimo houses, built of stones and sods, with some sticks and bones lying on their tops.

Our first landing place on the western side of Hudson's Bay was Marble Island, but we had a distinct view of the land between it and Chesterfield Inlet. Judging from specimens which I have received through the kindness of Mr. George McTavish, of the Hudson's Bay Company, a portion of this coast is occupied by rocks, which may be referred to the Huronian series, among them being diorites, hornblende-schists and glossy mica-schists characterized by numerous cubes of iron pyrites. On the coast opposite to Marble Island, the last named rock appears to contain the veins of granular iron pyrites, an assay of a specimen from one of which, from Inari, was made by Mr. Hoffmann in 1879. (See p. 23 H., Report Geological Survey, 1878-79.) These glossy mica-schists were found on Deadman's Island, near the west end of Marble Island. From all that I have been able to learn on the subject, a set of rocks, very like those of the Township of Ascot, in the Province of Quebec, and holding similar pyrites veins, which are of great economic value, will be found in this part of the western coast of Hudson's Bay.

The harbour on Marble Island, which is resorted to by the American whalers, and in which we also anchored, is situated on the south side of the island, about two and a-half miles from the western extremity. The outer harbour is formed by Deadman's Island, about quarter of a mile long, lying across the front of a small bay. The inner harbour is a basin, which connects with this through a narrow gap in the rock with only about one fathom of water at low tide.

Deadman's Island consists of white and light grey quartzites and glossy mica-schist, striking N. 75° W. (mag). The glacial striæ on this island are well marked and run

S. 10° E. (mag). In the course of the day which we spent at Marble Island, I rowed round its western end and thence eastward along its northern shore for some miles. I also explored the interior and took some photographs between this side of the island and the harbour. The whole of the western part of the island consists of white and light coloured quartzite, bearing a strong resemblance to white and veined marble, from which circumstance it has no doubt received its name. Viewed from sea, the shores have a very white appearance, the rocks being free from lichens, &c., and the hills in the interior, which are rounded, are also pure white, and contrast strongly with the dark brown of the peaty flats and hollows. Even the boulders and coarse shingle forming the raised beaches remain quite white, and these beaches appear as conspicuous horizontal lines against the dark vegetable matter. The beds of quartzite are usually very massive. Their surfaces are often ripple-marked, the ridges and hollows varying much in size, being sometimes as fine and regular as the fluting on a washboard, and at others two or three inches apart. On the south side of the island, near the west point, the quartzite is of a beautiful lilac tint, some of the beds being more deeply coloured than others. The strike is here N. 80° W. (mag.), the dip being to the northward, at an angle of 80°. The surface of the rock at this place is marked by large green stains of carbonate of copper, some of them being 3 or 4 feet in diameter. They appear to be due to the decomposition of small quantities of copper pyrites in the quartzite.

At the north-west point of the island the dip is N. 75° W. (mag.), angle 45° and the strise here run S. 20° E. (mag.). This is also the prevailing dip in the interior of this part of the island. On the north shore of the island, opposite to the harbour on the south side, the dip is N. 60° W. (mag.), angle 40°. Not only does the strike vary considerably on the large scale, but the lines of stratification were in places observed to undulate a good deal on a small scale, while the general course of the beds was pretty straight, the minor variations appearing as mere corrugations of the darker lines of stratification on smooth sections.

Although quartzite was the only rock found in situ on the main island, so far as I had time to explore it, the *debris* of the glossy mica-schist with cubes of iron pyrites, was so abundant along the north side that I have no doubt it exists "in place" close by. A fragment of the peculiar brown-weathering dolomite with white quartz, strings of the Huronian series, was also found on this part of the island.

We left Marble Island in the evening of the same day that we arrived there (2nd September), and entered the harbour of Churchill on the 6th. The geology of this locality is described in my report for 1879, pages 19 to 21. After leaving Churchill we paid a visit of twenty-four hours to York Factory, from which we sailed for Digges, where we built station No. 5, as already stated, and after visiting all the other stations and building the one at Nachvak, which has been described in a previous part of this report, we continued our homeward voyage to St. John's, Newfoundland, which we reached on the 11th of October, and left the same evening for Halifax, where we arrived on the 14th and at Ottawa on the 16th of the same month.

#### GENERAL REMARKS ON GLACIATION.

It will be seen by an inspection of the chart, that Fox's Channel, in respect to width, general direction, &c., is a continuation of Hudson's Strait, and that the outlet of Hudson's Bay joins this great channel at right angles. It is much deeper than Hudson's Bay, the comparative shallowness and the uniformity of the bottom of which are remarkable features. If the sea in these latitudes were only about 100 fathoms lower than it is at the present time, James' and Hudson's Bays would become dry land, while the Strait would remain as a long bay, but with a slightly diminished breadth. The bottom of the Bay would have become a plain, more level in proportion to its extent than any other on the continent. The numerous rivers which now flow into it would traverse this plain, converging towards the north-east and falling into the Strait near Cape Wolstenholme, after having, perhaps, formed one immense river, flowing northward down the centre of the Bay, or probably nearer the East-main side.

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During the "great ice age" the basin of Hudson's Bay may have formed a sort of glacial reservoir, receiving streams of ice from the east, north and north-west and giving forth the accumulated result as broad glaciers, mainly towards the south and south-west. It has been shown, in a preceding part of this report, that the direction of the glaciation, on both sides of Hudson's Strait, was eastward. That an extensive glacier passed down the Strait may be inferred from the smoothed and striated character of the rocks of the lower levels, the outline of the glaciated surfaces pointing to an eastward movement, the composition of the drift, and also from the fact that the long depression of Fox's Channel and the Strait runs from the north-westward towards the south-east, and that this great channel or submerged valley deepens as it goes, terminating in the Atlantic Ocean. Glaciers are said to exist on the shores of Fox's Channel and they may send down the flat-topped icebergs which float eastward through the lower part of Hudson's Strait into the Atlantic. During the drift period, the glacier of the bed of Hudson's Strait was probably joined by a contribution from the ice which appears to have occupied the site of Hudson's Bay, and by another also from the southward, coming down the valley of the Koksok River, and its continuation in the bottom of Ungava Bay. The united glacier still moved eastward round Cape Chudleigh into the Atlantic.

Throughout the drift period, the top of the coast range of the Labrador, stood above the ice and was not glaciated, especially the high northern part. Further south on this coast, the range is lower and there may also have been more ice in this direction. Here the valleys and the hills, up to the height of 1,000 feet, at any rate, have been planed by glacial action, the course followed by the ice on the eastern slope having been down the valleys and fjords directly into the sea. In the southern part of the Labrador peninsula, the general course of the ancient glaciation appears to have been southward, varying to the eastward or westward with the courses of the rivers and valleys, and coming to the north shore of the Gulf of St. Lawrence, in a general way, at right angles to the coast line. On the island of Newfoundland, the glaciation appears to have been from the centre towards the sea on all sides.

ROBERT BELL.

**APPENDIX B.—Statement of Meteorological Observations Recorded at Fort Chimo, Ungava, for the Signal Service United States Army, by Lucien M. Turner, for November, 1882, to August, 1884 (both inclusive).**

(Copied from the Signal Service Records in Washington City, D.C.)

Latitude 58° 8' N.; Longitude 68° 16' W.

|                | Mean Bar. | Highest Bar. | Lowest Bar. | Mean Temp. | Highest Temp. | Lowest Temp. | Clear Days. | Fair Days. | Cloudy Days. | Days of Rain and Snow. | Amount of Rain and Snow. | Prevailing Wind. | Relative Humidity. | Auroras. | Days of Wind of 25 miles or more. | Miles of Wind. | Remarks.            |
|----------------|-----------|--------------|-------------|------------|---------------|--------------|-------------|------------|--------------|------------------------|--------------------------|------------------|--------------------|----------|-----------------------------------|----------------|---------------------|
| 1882.          |           |              |             |            |               |              |             |            |              |                        |                          |                  |                    |          |                                   |                |                     |
| November.....  | 29.604    | 30.11        | 28.50       | 19.6       | 35            | -7           | 3           | 4          | 23           | 6                      | .92                      | S.W.             | 95.8               | 21       | 14                                | 8627.6         |                     |
| December.....  | 29.361    | 30.09        | 27.62       | 7.1        | 24            | -24          | 3           | 4          | 19           | 6                      | .70                      | S.W.             | 100.0              | 21       | 8                                 | 7499.8         |                     |
| 1883.          |           |              |             |            |               |              |             |            |              |                        |                          |                  |                    |          |                                   |                |                     |
| January.....   | 29.293    | 30.43        | 27.71       | -12.5      | 15            | -30          | 14          | 4          | 13           | 8                      | .45                      | S.W.             | 100.0              | 24       | 9                                 | 6082.4         |                     |
| February.....  | 29.412    | 30.20        | 28.29       | -18.4      | 11            | -31          | 10          | 6          | 9            | 3                      | .18                      | S.W.             | 100.0              | 15       | 14                                | 8720.5         |                     |
| March.....     | 29.330    | 30.39        | 28.17       | -3.5       | 43            | -44          | 6           | 8          | 17           | 14                     | .14                      | S.W.             | 100.0              | 18       | 11                                | 6817.6         |                     |
| April.....     | 29.483    | 30.35        | 28.71       | -3.6       | 48            | -23          | 3           | 11         | 16           | 11                     | .73                      | N.E.             | 98.5               | 19       | 14                                | 6584.2         |                     |
| May.....       | 29.582    | 30.23        | 28.81       | 16.6       | 67            | 11           | 5           | 9          | 21           | 20                     | 1.01                     | N.W.             | 91.5               | 1        | 8                                 | 4927.8         |                     |
| June.....      | 29.488    | 30.03        | 28.60       | 46.2       | 70            | 19           | 5           | 11         | 14           | 10                     | 3.76                     | S.W.             | 80.1               | 0        | 11                                | 6126.4         |                     |
| July.....      | 29.525    | 29.97        | 28.61       | 60.1       | 85            | 29           | 3           | 10         | 18           | 13                     | 4.10                     | S.W.             | 78.5               | 1        | 9                                 | 5266.3         |                     |
| August.....    | 29.803    | 30.06        | 29.433      | 47.4       | 66            | 27           | 7           | 8          | 16           | 17                     | 4.04                     | N.E.             | 84.8               | 8        | 10                                | 6836.3         |                     |
| September..... | 29.615    | 30.116       | 29.044      | 41.6       | 60            | 20           | 2           | 6          | 23           | 22                     | 4.82                     | S.W.             | 92.2               | 10       | 9                                 | 7955.8         |                     |
| October.....   | 29.778    | 30.383       | 29.378      | 29.3       | 43            | -1           | 3           | 3          | 25           | 15                     | 3.37                     | S.W.             | 90.3               | 14       | 10                                | 7176.3         |                     |
| November.....  | 29.725    | 30.501       | 29.357      | 12.3       | 31            | -20          | 3           | 6          | 21           | 9                      | .44                      | S.W.             | 97.4               | 14       | 12                                | 7268.5         |                     |
| December.....  | 29.948    | 30.532       | 29.371      | -18.7      | 11            | -42          | 16          | 11         | 4            | 8                      | .31                      | S.               | 100.0              | 38       | 7                                 | 6368.5         |                     |
| 1884.          |           |              |             |            |               |              |             |            |              |                        |                          |                  |                    |          |                                   |                |                     |
| January.....   | 29.775    | 30.593       | 28.440      | -22.3      | 17            | -50          | 14          | 10         | 7            | 8                      | .78                      | S.               | 100.0              | 35       | 16                                | 7017.4         |                     |
| February.....  | 29.660    | 30.553       | 28.881      | -17.0      | 30            | -35          | 8           | 12         | 9            | 12                     | .70                      | S.W.             | 100.0              | 24       | 14                                | 10241.1        |                     |
| March.....     | 29.923    | 30.569       | 29.087      | -8.8       | 28            | -41          | 8           | 14         | 9            | 15                     | 1.17                     | S.               | 100.0              | 36       | 12                                | 8802.0         |                     |
| April.....     | 30.072    | 30.567       | 29.680      | 19.0       | 52            | -13          | 2           | 9          | 19           | 16                     | .84                      | N.E.             | 95.6               | 8        | 10                                | *4714.9        |                     |
| May.....       | 29.864    | 30.429       | 29.240      | 36.9       | 72            | 10           | 6           | 4          | 21           | 13                     | 2.02                     | N.               | 76.1               | 1        | 14                                | .....          |                     |
| June.....      | 29.706    | 30.216       | 29.213      | 42.0       | 74            | 25           | 1           | 5          | 24           | 11                     | 5.46                     | W.               | 73.5               | 1        | 19                                | .....          |                     |
| July.....      | 29.631    | 30.425       | 29.463      | 54.2       | 86            | 27           | 6           | 9          | 19           | 10                     | 1.40                     | N.               | 67.6               | 12       | 10                                | .....          |                     |
| * August.....  | 29.731    | 30.108       | 29.232      | 49.8       | 80            | 23           | 1           | 8          | 14           | 10                     | 3.28                     | N.W.             | 67.9               | 4        | 17                                | .....          | * For 25 days only. |

Barometers corrected for temp. and inst. error only. Signal Service Aneroid Bar. No. 153 used to end of July, 1883. Adie's Mercurial Bar. No. 1849 used after July, 1883. All other instruments of Signal Service approval.

(Signed) LUCIEN M. TURNER,  
 Smithsonian Institution, Washington, D.C.

## APPENDIX No. 31

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING THE REPORT OF THE METEOROLOGICAL SERVICE OF THE DOMINION, FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

TORONTO, 24th December, 1884.

The Honourable

The Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith my Annual Report of the Meteorological Service for the calendar year 1884, being the fourteenth report which has been made on this service.

I am pleased to be able to state that the number of volunteer observers who are co-operating with this service continues to increase. The following is a list of stations which have been established during the year:—

Class I (a full set of instruments)—

J. G. M. Christie.....Norway House.  
\*Dr. Gun.....Durham.

Class II (rain and temperature)—

W. T. Livock.....Victoria, B.C.  
J. S. Tarbolton.....Crescent, Assa.  
Agent C.P.R.....Chaplin, N.W.T.  
do.....Gleichen do  
do.....Maple Creek, N.W.T.  
do.....Elkhorn, Man.  
W. E. Trail.....Lesser Slave Lake.  
Ven. Archdeacon Reeve.....Fort Chipewyan.  
Dr. Kitchen.....St. George, Ont.  
W. J. Clarke.....Trenton, Ont.  
C. T. Van Wagner.....Stoney Creek, Ont.  
Rev. Jas. Carmichael.....Norwood, Ont.  
J. Parker.....Owen Sound, Ont.  
Dr. S. W. Ward.....Arnprior, Ont.

Class III (rain and snow)—

W. J. Steeves.....Shediac, N.B.  
J. Caldwell.....Coventry, Ont.  
J. Kay.....Paris, Ont.  
A. McKenzie.....Beggaboro', Ont.  
Mrs. A. Lillie.....Sturgeon Falls, Ont.  
J. H. Carnegie.....Coboconk, Ont.  
R. McGee.....Michael's Bay, Ont.

Two telegraph reporting stations have been added during the year, viz., Fort Calgary, Messrs. Armour and Braden, and Prince Albert, the Rev. Canon Flett. The station at Port Arthur, which formerly only reported twice a day, was raised to the standard of an ordinary telegraph station, reporting fully the regular tri-daily series.

\* Durham is now classed under this head, Dr. Gun having kindly undertaken to perform the work of a station of the 1st class.

In climatological work we have now, in connection with the Ontario Government Bureau of Industries, 72 stations reporting rain and snowfall, and in Manitoba Mr. Acton Burrows, Deputy Minister Agriculture in the Province, has established, in connection with his Department, stations at—

Foxten, Morris, Selkirk, Ossowa, Lintrathen, Portage la Prairie, Pembina Crossing, Pilot Mound, Gladstone, Cartwright, Eden, Milford, Lorne, Heaslip, Souris, Turtle Mountain, Strathclair, Grisswold, Shoal Lake, Deloraine, Fort Ellis, Ste. Anne, Norquay, Glendinning, Neepawa, Birtle, Shell River, at which a record is made of rain and snowfall, with weather and seasonal changes, and an abstract of these observations is forwarded to this office.

I have also agreed to furnish Mr. Burrows, to whose exertions are due the extension of the work in Manitoba, with fifty additional rain gauges, for use in that Province.

Ontario and Manitoba are the only Provinces which are, as yet, co-operating with this service in the collection of climatological statistics, but it is to be hoped that before long the other Provinces will join in the work of extending meteorological observations.

The arrangement so far carried out with Ontario and Manitoba has been that this office has supplied the instruments, and examined and checked the returns when received. The Local Government finds the observers and pays for the stationery; they then receive each month, or as required, copies of the results, deduced from the observations, for publication in the papers issued from their respective departments.

The following gentlemen have, from various causes, ceased corresponding with this office:—

Mr. Heckman, C.E, Spences' Bridge; Rev. Father McBride, Penetanguishene, Ont.; Mr. W. LaPenotiere, Elora, Ont., and Dr. Passmore, Conestogo, Ont.; but Mr. George A. McIntyre has, however, undertaken to continue the class of observations made by Dr. Passmore.

**STORM SIGNAL SERVICE.**

A storm signal has been erected at Trenton, Ont., since my last report. Other wise, this branch of the service remains unchanged.

TABLE No. 1.

The following table shows the total number of warnings issued and the percentage verified:—

| Year.      | No. issued. | No. verified. | Percentage verified. |
|------------|-------------|---------------|----------------------|
| 1877.....  | 743         | 510           | 68·6                 |
| 1878.....  | 860         | 673           | 78·3                 |
| 1879.....  | 712         | 591           | 83·0                 |
| 1880.....  | 889         | 736           | 82·8                 |
| 1881.....  | 854         | 727           | 85·1                 |
| 1882.....  | 841         | 658           | 78·2                 |
| 1883.....  | 1,085       | 858           | 79·1                 |
| *1884..... | 727         | 604           | 83·1                 |

\* This does not include the month of December.

In addition to the above verifications as to force, the predictions of the direction from which the winds were expected have been separately examined, with the following results:—

Out of 717 predictions of direction, 602, or 84.0 per cent. have been fully verified, and 699, or 97.5 per cent. fully or partly verified.

As in former, so in the present year, many special "forecasts" have been asked for, by private persons, and their value gratefully acknowledged.

In last year's report your attention was directed to the desirability of extending the storm signal service to Lake Superior, and special mention was made of Port Arthur and Algoma Mills, the importance of having storm signals erected at these places cannot be over-estimated.

Your attention was also directed to the great advantages that would accrue, if storm signals were established at certain points on the lakes, and the following were suggested as being most suitable places: On the Georgian Bay, Cove Island Light-house, or Tobermory Harbour; Point Pelee Light and Long Point Light, on Lake Erie; and South Bay Point and Presqu'Isle Point, on Lake Ontario. These are points which vessels are frequently compelled to make for shelter, through stress of weather, and signals established there would be of the greatest utility.

Short telegraph lines would, in each case, have to be constructed, but the expense incurred in the construction would be as nothing compared to the lives and property which would, in all probability, be saved by this means. The claims of the Lake Marine are, in this respect, therefore well worthy of your favourable consideration.

I have also to call to your notice the benefit that would be derived from making all coast telegraph stations available as storm signal stations. This could be done at a trifling cost, and the advantage to shipping, especially since the direction as well as the force of the expected storm is given, would be very great.

#### PROBABILITY SERVICE.

The issue of weather forecasts has been made continuously during the year, and published in the leading newspapers in Ontario, Quebec, and the Maritime Provinces. Forecasts could also be made for Manitoba, as the telegraph service in the North-West is now in a fairly efficient state, but I have not sufficient funds at my disposal to permit of this being done, and I would respectfully suggest that an appropriation be made in the Estimates to cover the cost of issuing forecasts for Manitoba and storm warnings for Lake Superior.

Weather predictions have also been disseminated throughout portions of the country by means of large discs, having the image of the sun, the crescent moon, and a star painted on them. The sun represents fine weather, the moon showery, and the star rainy weather. Besides these symbols, the words "fine," "showers," "rain," are also painted on them. These discs are attached to the railway cars, and are regulated according to directions from this office, the signal word to be exposed being telegraphed each day, at about 1 a.m., to the railway agents.

I have been informed that these weather signals are eagerly looked for by the farmers along the route of country through which the different railways travel, and the thanks of the Department and the general public are due to the following gentlemen for the trouble they have taken in having these signals placed on the cars of the railways with which they are connected:—

Mr. W. Whyte, Ontario Div. C. P. R.; Mr. W. J. Spicer, G. T. R.; Mr. Charles Stiff, G. T. R.; Mr. D. C. Lindsley, Canada Atlantic Ry.; Mr. A. White, G. T. R.; Mr. S. Barker, Northern Ry.

I have also communicated with the Department of Railways, and obtained permission to have these signal discs placed on the Government railways; and I hope to do this next spring, when I anticipate that the forecasts thus made known along the Intercolonial Railway will render great assistance to the farmers in the Maritime Provinces.

Weather predictions have been asked for by many persons—brewers, merchants and others—whose business is affected by the weather, and the information courteously acknowledged, the benefit derived therefrom being admitted in all cases.

The following table (No. II.) shows the number of predictions and the percentage of fulfilment in each district in each month in the year up to November. December not being completed when this report is transmitted, cannot be given.

The percentage of verification is very satisfactory.



TABLE

NUMBER of Predictions and Percentage of Fulfilment

| MONTH.         | LOWER LAKE REGION. |              |               |            |                  | UPPER ST. LAWRENCE. |                             |              |               |            | LOWER ST. LAWRENCE. |                  |                             |              |               |            |                  |                             |
|----------------|--------------------|--------------|---------------|------------|------------------|---------------------|-----------------------------|--------------|---------------|------------|---------------------|------------------|-----------------------------|--------------|---------------|------------|------------------|-----------------------------|
|                | Number issued.     | Verified.    |               |            |                  | Number issued.      | Verified.                   |              |               |            | Number issued.      | Verified.        |                             |              |               |            |                  |                             |
|                |                    | Number fully | Number partly | Number not | Percentage fully |                     | Percentage fully and partly | Number fully | Number partly | Number not |                     | Percentage fully | Percentage fully and partly | Number fully | Number partly | Number not | Percentage fully | Percentage fully and partly |
| January.....   | 150                | 116          | 21            | 13         | 77.3             | 91.3                | 141                         | 102          | 24            | 15         | 72.3                | 89.4             | 129                         | 96           | 23            | 10         | 74.4             | 92.2                        |
| February.....  | 136                | 109          | 15            | 12         | 80.1             | 91.2                | 121                         | 97           | 14            | 10         | 80.2                | 91.7             | 111                         | 75           | 20            | 16         | 67.6             | 85.6                        |
| March.....     | 133                | 90           | 25            | 18         | 67.7             | 86.5                | 126                         | 90           | 15            | 21         | 71.4                | 83.3             | 113                         | 80           | 22            | 11         | 70.8             | 90.3                        |
| April.....     | 121                | 98           | 16            | 9          | 79.3             | 92.6                | 107                         | 84           | 12            | 11         | 78.5                | 89.7             | 108                         | 76           | 18            | 14         | 70.4             | 87.0                        |
| May.....       | 136                | 90           | 26            | 20         | 66.2             | 85.3                | 117                         | 96           | 13            | 8          | 82.0                | 93.1             | 111                         | 77           | 17            | 17         | 69.4             | 84.7                        |
| June.....      | 127                | 99           | 16            | 12         | 78.0             | 90.5                | 116                         | 87           | 19            | 10         | 75.0                | 91.4             | 111                         | 69           | 18            | 24         | 62.2             | 78.4                        |
| July.....      | 130                | 111          | 14            | 5          | 85.4             | 96.1                | 119                         | 84           | 17            | 18         | 70.6                | 84.9             | 118                         | 81           | 21            | 16         | 68.6             | 86.4                        |
| August.....    | 135                | 101          | 22            | 12         | 74.8             | 91.1                | 121                         | 94           | 11            | 16         | 77.7                | 86.8             | 120                         | 95           | 12            | 13         | 79.2             | 89.2                        |
| September..... | 124                | 100          | 17            | 7          | 80.6             | 94.4                | 115                         | 89           | 22            | 4          | 77.4                | 86.5             | 112                         | 85           | 21            | 6          | 75.9             | 94.5                        |
| October.....   | 144                | 100          | 32            | 12         | 69.4             | 91.7                | 125                         | 106          | 14            | 5          | 84.8                | 96.0             | 122                         | 99           | 18            | 5          | 81.1             | 95.9                        |
| November.....  | 141                | 111          | 20            | 10         | 78.7             | 92.9                | 117                         | 94           | 18            | 5          | 80.3                | 95.7             | 118                         | 95           | 18            | 5          | 80.5             | 95.8                        |
| December.....  | .....              | .....        | .....         | .....      | .....            | .....               | .....                       | .....        | .....         | .....      | .....               | .....            | .....                       | .....        | .....         | .....      | .....            | .....                       |
|                | 1477               | 1123         | 224           | 130        | 76.0             | 91.2                | 1325                        | 1023         | 179           | 123        | 77.2                | 90.7             | 1273                        | 928          | 208           | 137        | 72.9             | 89.2                        |

No. II.

in each District, in each Month, and in the whole Year.

|       | GULF.        |               |            |                  |                              | MARITIME.      |              |               |            |                  | TOTAL.                      |                |              |               |            |                  |                             |       |
|-------|--------------|---------------|------------|------------------|------------------------------|----------------|--------------|---------------|------------|------------------|-----------------------------|----------------|--------------|---------------|------------|------------------|-----------------------------|-------|
|       | Verified.    |               |            |                  |                              | Number issued. | Verified.    |               |            |                  |                             | Number issued. | Verified.    |               |            |                  |                             |       |
|       | Number fully | Number partly | Number not | Percentage fully | Percentage fully and partly. |                | Number fully | Number partly | Number not | Percentage fully | Percentage fully and partly |                | Number fully | Number partly | Number not | Percentage fully | Percentage fully and partly |       |
| 124   | 104          | 15            | 5          | 83.9             | 96.0                         | 133            | 97           | 17            | 19         | 72.9             | 85.7                        | 677            | 515          | 100           | 62         | 76.1             | 91.8                        |       |
| 104   | 67           | 20            | 17         | 64.4             | 83.6                         | 115            | 76           | 23            | 16         | 68.1             | 86.1                        | 587            | 424          | 92            | 71         | 72.2             | 87.9                        |       |
| 113   | 81           | 18            | 14         | 71.7             | 87.6                         | 128            | 82           | 25            | 21         | 64.1             | 83.6                        | 613            | 423          | 105           | 85         | 69.0             | 86.1                        |       |
| 117   | 83           | 19            | 15         | 70.9             | 87.2                         | 124            | 86           | 27            | 11         | 69.4             | 91.1                        | 577            | 425          | 92            | 60         | 73.7             | 89.6                        |       |
| 107   | 78           | 13            | 16         | 72.9             | 85.0                         | 120            | 89           | 23            | 8          | 74.2             | 93.3                        | 591            | 430          | 92            | 69         | 72.8             | 88.3                        |       |
| 112   | 69           | 22            | 21         | 61.6             | 81.2                         | 131            | 91           | 13            | 14         | 77.7             | 88.4                        | 587            | 418          | 88            | 81         | 71.2             | 86.2                        |       |
| 124   | 94           | 15            | 15         | 75.8             | 87.9                         | 129            | 89           | 31            | 9          | 69.0             | 93.0                        | 620            | 459          | 98            | 63         | 74.3             | 89.8                        |       |
| 117   | 81           | 19            | 17         | 69.2             | 85.6                         | 125            | 95           | 16            | 14         | 76.0             | 88.9                        | 618            | 466          | 80            | 72         | 75.4             | 88.3                        |       |
| 117   | 88           | 20            | 9          | 75.2             | 92.3                         | 126            | 104          | 17            | 5          | 82.5             | 96.0                        | 591            | 466          | 97            | 31         | 78.5             | 94.1                        |       |
| 120   | 90           | 21            | 9          | 75.0             | 92.5                         | 128            | 104          | 17            | 7          | 81.2             | 91.5                        | 639            | 499          | 102           | 31         | 78.1             | 94.1                        |       |
| 113   | 85           | 18            | 10         | 75.2             | 91.2                         | 123            | 98           | 19            | 6          | 79.7             | 95.1                        | 612            | 483          | 93            | 36         | 78.9             | 94.1                        |       |
| ..... | .....        | .....         | .....      | .....            | .....                        | .....          | .....        | .....         | .....      | .....            | .....                       | .....          | .....        | .....         | .....      | .....            | .....                       | ..... |
| 1268  | 920          | 200           | 148        | 72.6             | 88.3                         | 1372           | 1104         | 228           | 130        | 73.9             | 90.5                        | 6715           | 5008         | 1039          | 668        | 74.6             | 90.1                        |       |

## TELEGRAPH SIGNAL SERVICE.

I would recommend additional stations being established at the summit of the Canada Pacific Railway, and on the line of that railway to the north of Lake Superior.

## CENTRAL OFFICE.

It is my melancholy duty to report the death of Mr. George F. Hector, who departed this life in June last, after a protracted illness.

Mr. Hector's death, and the prolonged absence of Messrs. Gordon and Stupart (the latter gentleman being still absent in Hudson's Straits), has entailed a great deal of additional work on the remainder of the staff, who have borne the extra burden uncomplainingly, and performed the additional duties imposed on them with efficiency and zeal.

## TIME SERVICE.

The time service has been carried on as formerly, and the reports of the Directors of the Observatories at Quebec and St. John, N.B., form Appendices A and B to this report. Details of the work will be found in my report as Director of the Toronto Observatory.

## CHIEF SIGNAL OFFICER, U. S.

To Major General Hazen, U.S.A., Chief Signal Officer, the service is again' in debted for the courteous manner in which he has supplied all information asked for, and for his ready acquiescence in all suggestions made to him for the advancement of the service.

## VOLUNTEER OBSERVERS.

I have to tender my sincere thanks to the gentlemen who take observations for the service as volunteers, and who give their time and labour for the advancement of meteorological knowledge without remuneration.

Without the assistance of these gentlemen our observations would be disconnected, and so few as to almost preclude the possibility of making any accurate climatological deductions, and to these observers we are principally indebted for the information which enables this office to compile monthly and furnish the Board of Health of the Province of Ontario with a map, showing isothermal curves, curves of mean, daily temperature range, and rainfall in Ontario.

These maps in themselves form a valuable climatological contribution to the Province of Ontario.

I may here add that a very considerable amount of climatological data exists in this office, which, if arranged and printed, would be very useful; but owing to the small number of the staff who are more than fully occupied in keeping the ordinary routine work from falling in arrears, it is impossible for me to attempt doing so, unless I am authorized to employ, temporarily, such assistance as may be necessary to perform this work; and I respectfully suggest that I may be empowered to obtain the requisite assistance to enable me to carry out this proposal.

## G. N. W. TELEGRAPH COMPANY.

I also wish to acknowledge the valuable assistance rendered to the service by the officers of this company, who have always used the utmost despatch in forwarding our messages, and the greatest energy in endeavouring to discover and remedy the cause of failures, when any occurred.

All of which is respectfully submitted.

CHARLES CARPMAEL,  
*Superintendent.*

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**APPENDIX "A."**

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THE CITADEL, QUEBEC, 10th, December 1884.

SIR,—I have the honour to submit the Annual Report of the Quebec Observatory for the year ending 31st December, 1884.

The time and meteorological service at this station has been carried on during the past year more to my satisfaction, owing to the improvements which were made to the gear of the "time ball and storm mast early last spring."

Substituting a rope "fall" and wooden blocks for the chain in the hoisting gear of the "time ball" has proved a success.

The storm drum when hoisted is now much better seen from all points in the harbour than when the mast was in its former position.

During the past year His Excellency the Governor General visited the Observatory, also the Honourable the Minister of Militia and Defence, the Major-General Commanding the Militia, the latter during his official inspection of the battery to which I have the honour to belong.

A number of the members of the British Association also visited the Observatory during their stay in Quebec.

The Observatory building requires some repair, which I hope will be made during the coming year, as it will add much to the appearance and comfort.

The telegraphic work has been carried on by Sergeant-Major Walters, without the aid of outside operators.

I would be glad if you would recommend the purchase of a larger and more accurate transit instrument.

I have the honour to be, Sir,

Your obedient servant,

C. W. DRURY, Capt. C.A.,

*Director Quebec Observatory.*

To the Superintendent, Meteorological Service,  
Toronto.

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 APPENDIX "B."
 

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THE OBSERVATORY,  
ST. JOHN, N.B., 1st December, 1884.

SIR,—I have the honour to submit the following report on the St. John Observatory:—

The duties of this Observatory consist in giving correct time to the shipping in this port by means of a time ball dropped every day (Sundays excepted) at 1 p.m., St. John time. The city council are about connecting the fire alarm bells with the ball. When this is done the bells will be rung at the same instant the ball drops.

The correct time is determined by observations of stars in the meridian with a transit instrument, our work being checked by telegraphic time exchange with Toronto Observatory.

The meteorological work has been regularly performed, observations are taken at intervals of four hours commencing at 3:44 a.m., and reports sent to the Superintendent at Toronto.

The storm signals have been promptly hoisted and notices of approaching storms put up in conspicuous places. The storm warnings are acknowledged by those engaged in shipping to be of great service to them.

During the past year ship-masters have brought their barometers to this office for comparison with the standard instrument used here, and many of the ship-masters have expressed their willingness to keep a record for the service, were they supplied with the proper forms, &c.

Since my last report the mean time clock used in the Observatory was purchased from me by the Department. The Observatory has, during the past year, been supplied with a new transit instrument, made by Negretti & Zambra, London. This is an excellent instrument, and has been mounted in place of the old one used by me for many years in connection with the time service.

A sidereal clock has lately been set up in this office, and is now being adjusted to sidereal time. This will enable me to make comparisons with the greatest amount of accuracy.

As it is not possible to place a clock in the transit room, it would greatly increase the accuracy of our transit work were a chronograph purchased for the use of this Observatory and connected with sidereal clock.

I have also to report that a suitable room has been fitted up and furnished for the use of the Observatory, by the Department of Public Works. The stairs leading to the transit room have also been much improved.

I have the honour to be, Sir,  
Your obedient servant,

GEO. HUTCHINSON,  
*Director of Observatory.*

To CHARLES CARPMAEL, Esq., M.A.,  
Supt. Meteorological and Time Service,  
Toronto, Ont.

## APPENDIX No. 32

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF  
MARINE AND FISHERIES, BEING THE REPORT OF THE MAGNETIC  
OBSERVATORY, TORONTO, FOR THE CALENDAR YEAR ENDED 31ST  
DECEMBER, 1884.

Hon. A. W. McLELAN, M.P.,  
Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour to submit herewith my Annual Report for the year  
1884.

During the year the regular routine observations have been carried out as formerly, and the self-recording magnetographs have been kept in operation, as have also the barograph, thermograph and other self-recording instruments.

I have this year constructed and put in operation a photographic recording inclinometer, the principle of which is my own invention. It is an inclinometer with a bifilar suspension for the magnet, which is turned, as in the ordinary horizontal force instrument, into a position approximately at right angles to the meridian. The induction bars are placed with their acting poles north and south of the centre of the suspended magnet and at such a distance that at the mean dip the induced magnetism is alone sufficient to keep the magnet in the above mentioned position. The bifilar suspension can now be adjusted so as to produce any scale coefficient required.

In my last report I mentioned that I had been invited to attend the meeting of the Polar Commission at Vienna, to assist in determining the system to be adopted for the final reduction and discussion of the observations taken in connection with the International series. I have now received the decision of the Commission, and our observations will have to be printed and forwarded to Dr. Wild, President of the Commission, at St. Petersburg, for distribution among those who are to undertake the work of discussing the results of the observations made at all the stations. The preparation of that work will occupy some time, as the staff is already too small for the work which we have to undertake.

## TIME SERVICE.

This service is now thoroughly organized, and the exchanges of time between the various observatories and Toronto has been carried on throughout the year. The following is a table showing differences between time as determined by Toronto and

the time as given by the various observations. The sign + indicates that Toronto time is faster than time sent by stations.

|                  | Montreal. | Quebec. | St. John. | Charlotte-<br>town. |
|------------------|-----------|---------|-----------|---------------------|
|                  | Sec.      | Sec.    | Sec.      | Sec.                |
| January 11.....  | -0·10     | +0·34   | -1·90     |                     |
| do 12.....       | -0·10     |         |           |                     |
| do 25.....       | +0·05     | -2·60   | -1·34     |                     |
| February 8.....  | -0·23     | +0·14   | -1·17     |                     |
| do 22.....       |           | +0·53   | -0·62     | -1·14               |
| March 7.....     | -1·00     | -3·30   | -0·80     | -1·22               |
| do 21.....       | -0·02     | +0·45   | -0·34     | -0·07               |
| April, 4.....    | -1·10     | -1·60   | +0·80     |                     |
| do 18.....       | +0·35     | -0·45   | +5·37     |                     |
| do 25.....       |           |         | -0·84     |                     |
| May 9.....       |           |         | -2·30     |                     |
| do 16.....       | -0·60     | -2·20   | -2·30     |                     |
| do 23.....       |           | +3·30   | -2·25     |                     |
| do 30.....       | -0·40     | +6·78   | -1·33     |                     |
| June 9.....      |           | -1·02   |           |                     |
| do 13.....       | -1·17     | -1·38   | +6·19     | +0·02               |
| do 20.....       |           |         | +0·60     |                     |
| do 27.....       | 0·00      |         | -0·28     |                     |
| July 11.....     | -1·27     | +0·20   |           |                     |
| do 18.....       |           |         | +0·92     |                     |
| do 25.....       | -0·29     | -0·30   | +1·06     |                     |
| August 8.....    | -0·53     | +0·94   | -0·10     |                     |
| do 22.....       | -0·34     |         | -0·97     |                     |
| September 5..... | -0·18     |         | +0·78     |                     |
| do 19.....       |           | -1·67   |           |                     |
| October 3.....   |           |         | +1·14     |                     |
| do 17.....       | -0·59     | +0·06   | +1·03     |                     |
| do 31.....       | -0·80     | -2·11   | +2·83     |                     |
| November 14..... | -0·40     | +0·47   | +0·17     |                     |
| do 28.....       | -0·86     | -1·57   | +2·57     |                     |

\*Weekly exchange of time, Quebec clock being re-adjusted.

The time exchanges are effected by means of a chronograph, on which is registered the time sent by each station, side by side with the time at the Toronto Observatory. The exchanges have been fortnightly with St. John, Quebec and Montreal, with the exception of a weekly exchange with the former place while the clock there was dismantled.

The observers are notified, on the day appointed, to be on hand at a certain time, generally from eight to nine in the evening, when direct telegraphic connection with these places can be more easily obtained.

The errors of the Toronto clock and the different time-pieces used by the observers are computed from the latest observations.

The increased work which is entailed by the rigid examination of the clock and chronometer comparisons and observations sent in from the observatories at St. John and Quebec, has been performed, and I would urge upon you the necessity of appointing to the staff here an astronomical assistant. At the time the new system was commenced the work was undertaken by Mr. Gordon and myself, and since Mr. Gordon left for Hudson's Bay, Mr. F. L. Blake, D.L.S., who was temporarily employed, has continued, under my direction, to carry on the work.

No regular and systematic astronomical observations, other than those for time, have been, as yet, undertaken; but I am now making preparations for regular spectroscopic observations of the solar flames.

All of which is respectfully submitted.

CHARLES CARPMAEL, *Director.*



## APPENDIX No. 33

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING REPORT OF THE SUPERINTENDENT OF THE MCGILL COLLEGE OBSERVATORY, MONTREAL, FOR THE CALENDAR YEAR ENDED 31<sup>ST</sup> DECEMBER, 1884.

MCGILL COLLEGE OBSERVATORY,  
MONTREAL, 1st January, 1885.

SIR,—I have the honour to report on the work of the McGill College Observatory for the year now closed.

The base or chief station series of meteorological observations has been carried forward, without interruption, throughout the year. The object of these observations is to deduce the laws of diurnal and annual variation of the meteorological elements for this district. The telegraphic observations, forming a part of the Canadian series of observations upon which the weather predictions are based, have been regularly dispatched each day to the Meteorological Office at Toronto. The temperature observations have been greatly improved this year, by the addition of one of Negretti & Zambra's thermographs to our apparatus. The instrument was furnished by the Meteorological Office, Toronto. It contains six thermometers, which are at present arranged as a bi-hourly series. A summary of the meteorological results for the year is presented herewith.

The time service has received the usual careful attention. Determinations of clock errors have been made on 120 nights during the year. An observation for clock error comprises the measurement of the collimation of the transit, the inclination of the axis, and the observation of at least six stars—one polar star and one low south star, from the combination of which the azimuth is determined, and four time-stars distributed as symmetrically as possible with reference to the zenith. From these observations the error of the timepiece employed is computed, and from comparisons with the standard clock, made both before and after the observations, its error is deduced and, if necessary, a correction applied to its rate. The observatory time signals have been distributed as described in my report for last year. The time-ball service has been improved by the erection of a new line of covered or insulated wire between the Observatory and the ball. All the time signals have been on the standard of the 75th meridian since 18th November, 1883, when, in consonance with the railroad companies and at my suggestion, the change was authorized by the Mayor and Corporation of Montreal.

It is a matter of congratulation that the International Conference, for fixing upon a meridian to be employed as a common zero of longitude for the world, which met at Washington in October last, has, by an almost unanimous vote, adopted the meridian of the transit instrument at Greenwich. This decision is of especial value in astronomy, geodesy and navigation. For the latter it will, by harmonizing the charts of the various nations, greatly simplify the computations of navigators. Another decision of importance, incidental to an agreement by the Conference, that there shall be a universal time reckoning, the origin of the day being the midnight of the initial meridian, is, that the hours are to be counted from zero to 24. This method of reckoning time, both for astronomical and civil purposes, will be adopted in the Greenwich Observatory on 1st January, 1885. I believe that the railroad companies of this continent will also shortly adopt it, and thus entirely remove the possibility of mistaking an afternoon for a forenoon hour, or *vice versa*. The new

method of counting the hours is to be adopted in our work here, from this date; and I would earnestly recommend that the influence of your Department and the Government be given towards its adoption generally.

The reductions of the observations for the determination of difference of longitude between this Observatory and the Harvard College Observatory have been completed, in so far as my observations are concerned. Owing to unusual pressure of work, Professor Rogers has not been able to finally complete his reductions; but from the preliminary results which he has obtained, I feel justified in stating that the resulting longitude of our transit instrument will be within two-tenths of a second of 4 hours 54 minutes 18.5 seconds West of Greenwich. The reductions of the observations made by me for the difference of longitude between Montreal and Toronto, and also those made by Mr. G. H. Chandler, M. A., and myself for Toronto and Cobourg, have been completed, and the final report only awaits the results of Mr. Carpmael's work. The difference of longitude between the Observatory at Toronto and the dome of the Farady Hall at Victoria College, Cobourg, is 4m. 55.2 sec.

The latitude of the dome of this Observatory, as determined from a trigonometrical connection with the United States Coast Survey station on Mount Royal, is  $45^{\circ} 30' 17.0''$ .

The assistance of this Observatory has been promised in a system of seismographic observations, recently proposed by the "Science" magazine.

I have the pleasure of acknowledging that the Observatory has been presented with a set of the celestial charts, made at the Litchfield Observatory, by Professor C. H. F. Peters.

In February last you were petitioned to recommend to Parliament an increase in the special grant to this Observatory. This application was made on grounds, the justice of which was admitted on all hands; but, unfortunately, you were obliged to refuse it "for the present." The lack of additional assistance, so urgently required, has very much interfered with the efficient working of the Observatory during the past year, and I would very respectfully urge that the renewal of the application, which will be made in a formal manner by the Governors of the University during the next Session of Parliament, be complied with.

I have the honour to be, Sir,  
Your obedient servant,

C. H. McLEOD,  
*Superintendent.*

The Honourable  
The Minister of Marine,  
Ottawa.

YEARLY ABSTRACT

OF METEOROLOGICAL OBSERVATIONS, MCGILL COLLEGE

| Month.  | Thermometer. |       |       |             | * Barometer. |        |        |                   | † Mean pressure of vapour. | ‡ Mean Relative humidity. |
|---|--------------|-------|-------|-------------|--------------|--------|--------|-------------------|----------------------------|---------------------------|
|   | Mean.        | Max.  | Min.  | Mean range. | Mean.        | Max.   | Min.   | Mean Daily range. |                            |                           |
| January .....                                       | 8.73         | 40.5  | -16.5 | 16.38       | 30.0409      | 30.964 | 28.960 | .3353             | .0634                      | 81.12                     |
| February .....                                      | 18.11        | 44.0  | -11.0 | 17.52       | 30.0027      | 30.686 | 29.175 | .3649             | .0956                      | 85.59                     |
| March.....  | 25.65        | 47.1  | -9.4  | 14.02       | 29.9941      | 30.395 | 29.518 | .2350             | .1212                      | 79.69                     |
| April.....  | 40.55        | 69.0  | 24.5  | 14.17       | 29.8369      | 30.317 | 29.233 | .1635             | .1794                      | 71.68                     |
| May .....   | 51.95        | 75.9  | 33.5  | 17.92       | 29.8829      | 30.266 | 29.438 | .1721             | .2751                      | 68.55                     |
| June.....   | 66.91        | 86.0  | 44.0  | 21.09       | 30.0187      | 30.565 | 29.584 | .1544             | .4478                      | 67.00                     |
| July.....   | 65.84        | 86.7  | 51.0  | 16.48       | 29.7783      | 30.073 | 29.445 | .1326             | .4826                      | 75.98                     |
| August.....   | 63.79        | 91.0  | 43.8  | 17.84       | 29.9733      | 30.348 | 29.569 | .1227             | .5006                      | 71.05                     |
| September.....                                      | 61.76        | 87.7  | 36.5  | 16.07       | 29.9859      | 30.530 | 29.487 | .2163             | .4160                      | 73.09                     |
| October .....                                       | 44.96        | 70.6  | 23.9  | 13.28       | 30.0393      | 30.623 | 29.573 | .2557             | .2427                      | 76.41                     |
| November .....                                      | 30.34        | 49.8  | 13.2  | 13.45       | 29.9683      | 30.451 | 29.311 | .2878             | .1393                      | 79.96                     |
| December.....                                       | 16.51        | 49.0  | -23.5 | 13.57       | 30.1140      | 30.836 | 29.204 | .2932             | .1007                      | 85.99                     |
| Means for 1884.....                                 | 41.675       | ..... | ..... | 15.975      | 29.9696      | .....  | .....  | .2378             | .25537                     | 76.342                    |
| Means for 10 years ending with 31st Dec., 1884..... | 42.113       | ..... | ..... | .....       | 29.9746      | .....  | .....  | .....             | .25275                     | 74.225                    |

\* Barometer readings reduced to 32° Fahr. and to Sea Level. † Inches of mercury. ‡ Relative, beginning with 3.08 a.m. § Mean for 3 years only.

The greatest heat was 91° 0 on August 21st; greatest cold was 23° 5 below zero on December 20th; 37° 6 on May 2nd; least range was 49° 0 on November 28th; The warmest day was August 21st, the zero. The highest barometer reading was 30.964 on January 27th; the lowest 28.960 on January 9th, 26th. The greatest mileage of wind recorded in one hour was 50 on May 2nd, when the velocity in one were observed on 21 nights. Hoar frost on 23 days. Fogs on 13 days. Lunar halos on 8 nights. The red sky at sunrise and sunset was very brilliant in January and February. It has decreased in

FOR 1884.

OBSERVATORY, MONTREAL, CANADA—Height above sea level, 187 feet.

| Wind.           |                                 | Sky clouded per cent. | Percentage of possible sunshine. | Inches of rain. | Number of days on which rain fell. | Inches of snow. | Number of days on which snow fell. | Inches of rain and snow melted. | Number of days on which rain and snow fell. | Number of days on which rain or snow fell. | Mon h.  |
|-----------------|---------------------------------|-----------------------|----------------------------------|-----------------|------------------------------------|-----------------|------------------------------------|---------------------------------|---|--|---|
| Mean direction. | Mean velocity in miles per hour |                       |                                  |                 |                                    |                 |                                    |                                 |   |  |   |
| S.W.            | 12.23                           | 66.4                  | 27.6                             | 0.22            | 3                                  | 44.2            | 21                                 | 4.38                            | 2   | 22   | ...January.                                     |
| W.S.W.          | 9.98                            | 75.8                  | 22.4                             | 2.18            | 9                                  | 29.3            | 20                                 | 4.95                            | 6   | 23   | ...February.                                    |
| W.S.W.          | 11.41                           | 56.2                  | 47.0                             | 1.32            | 7                                  | 20.9            | 14                                 | 3.39                            | 2   | 19   | ...March.                                       |
| N.W.            | 9.33                            | 68.2                  | 33.7                             | 2.09            | 10                                 | 3.9             | 6                                  | 2.48                            | 1   | 15   | ...April.                                       |
| W.S.W.          | 9.84                            | 70.3                  | 43.8                             | 3.51            | 19                                 | 0.0             | 0                                  | 3.51                            | 0   | 19   | ...May.   |
| S.W.            | 8.99                            | 45.7                  | 68.8                             | 3.38            | 9                                  | 0.0             | 0                                  | 3.38                            | 0   | 9  | ...June.  |
| W.S.W.          | 9.61                            | 59.5                  | 46.4                             | 4.73            | 19                                 | 0.0             | 0                                  | 4.73                            | 0   | 19   | ...July.  |
| W.S.W.          | 8.35                            | 39.9                  | 67.1                             | 1.75            | 7                                  | 0.0             | 0                                  | 1.75                            | 0   | 7  | ...August.                                      |
| W.S.W.          | 9.87                            | 44.7                  | 58.9                             | 3.37            | 11                                 | 0.0             | 0                                  | 3.37                            | 0   | 11   | ...September.                                   |
| W. by S.        | 9.72                            | 73.6                  | 33.2                             | 2.62            | 17                                 | 0.5             | 5                                  | 2.67                            | 3   | 19   | ...October.                                     |
| S.W. by W.      | 11.15                           | 72.9                  | 27.6                             | 2.13            | 12                                 | 5.0             | 10                                 | 2.62                            | 3   | 19   | ...November.                                    |
| W.S.W.          | 11.81                           | 64.3                  | 22.4                             | 1.53            | 8                                  | 35.0            | 14                                 | 4.57                            | 1   | 21   | ...December.                                    |
| W.S.W.          | 10.191                          | 61.46                 | 41.58                            | 28.83           | 131                                | 138.8           | 90                                 | 41.80                           | 18  | 203  | ...Totals for 1884.                             |
| W. by S.        | 10.935                          | 60.99                 | 46.92                            | 27.27           | 136.5                              | 116.6           | 85.3                               | 37.24                           | 15.9  | 211.7                                      | Means for 10 years ending with 31st Dec., 1884. |

saturation being 100. The monthly means are derived from observations taken every fourth hour, extreme range of temperature was therefore 114°·5; greatest range of the thermometer in one day was mean temperature being 81°·15; the coldest day was December 20th, mean temperature 17°·3 below giving a range of 2.004 inches for the month and year. The lowest relative humidity was 23 on April gust was at the rate of 80 miles per hour (this is the greatest velocity ever recorded here). Auroras Lunar coronas on 2 nights. Thunder storms on 12 days, and lightning without thunder on 6 days. brightness, but has been observable up to the end of the year.

C. W. McLEOD,  
Superintendent.

## APPENDIX No. 34

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING THE REPORT OF THE DIRECTOR OF THE KINGSTON OBSERVATORY, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

KINGSTON, 12th January, 1885.

SIR,—I have now to submit, for the information of the Department of Marine, the report of the Kingston Observatory.

The usual observations have been made during the past year, besides giving the time to the city and port.

The dome of the equatorial tower having been found, on several occasions during violent gales, to be shifted from its proper position, it was found necessary to secure it against the recurrence of such an inconvenience. This has been done, and the dome is now unmoved by the heaviest storms.

A very troublesome alteration in the adjustments of the transit was noticed last winter, in consequence of the severe frost in January slightly displacing the stone foundation. Although the adjustments during the greater part of the year are not liable to be affected by this cause, I purpose, during the summer, to have the instrument dismantled, and have the foundation made of the most stable kind.

I have been for some time training two or three intelligent young men in the theory of astronomical calculations and the use of the instruments of observation, and I intend to pursue the same course in future.

I am, Sir,

Your most obedient servant,

JAS. WILLIAMSON,

*Director of Kingston Observatory.*

WM. SMITH, Esq.,  
Deputy Minister of Marine,  
Ottawa.

## APPENDIX No. 35

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being the General Summary of Expenditure for the Fiscal Year ended 30th June, 1884.

| Vide Report Page | Service.   | Amount. |      | Total.    |      |
|------------------|--|---------|------|-----------|------|
|                  |  | \$      | cts. | \$        | cts. |
| 1                | Maintenance of Lights above Montreal.....                                      | 70,788  | 27   |           |      |
| 21               | do between Quebec and Montreal.....  | 15,946  | 43   |           |      |
| 28               | do below Quebec.....   | 101,302 | 35   |           |      |
| 50               | do Nova Scotia, including Cape Race and Sable Island Humane Establishment..... | 142,909 | 72   |           |      |
| 81               | do New Brunswick.....  | 86,670  | 70   |           |      |
| 108              | do Prince Edward Island.....   | 19,059  | 62   |           |      |
| 118              | do British Columbia.....   | 18,107  | 54   |           |      |
| 122              | Buoys and Beacons, Port of Montreal.....                                       | 7,000   | 00   |           |      |
|                  |  |         |      | 461,784   | 63   |
| 123              | Construction of Lights above Montreal.....                                     | 15,878  | 44   |           |      |
| 125              | do between Quebec and Montreal.....  | 246     | 27   |           |      |
| 126              | do below Quebec.....   | 2,922   | 21   |           |      |
| 127              | do New Brunswick.....  | 2,868   | 70   |           |      |
| 128              | do Nova Scotia.....  | 12,489  | 35   |           |      |
| 130              | do Prince Edward Island.....   | 2,158   | 60   |           |      |
| 130              | do British Columbia.....   | 76      | 38   |           |      |
| 131              | do do Sands Head.....  | 9,754   | 00   |           |      |
| 131              | do Colchester Reef.....  | 2,554   | 19   |           |      |
|                  | Queen's Printer, Stationery and Printing.....                                  | 85      | 41   |           |      |
|                  |  |         |      | 49,033    | 55   |
| 132              | Dominion Steamers.....   |         |      | 179,980   | 66   |
| 142              | Examination of Masters and Mates.....  |         |      | 5,580     | 79   |
| 182              | Hudson's Bay Expedition.....   |         |      | 480       | 69   |
| 148              | Investigations into Wrecks.....  |         |      | 830       | 12   |
| 155              | Marine and Immigrant Hospital, Quebec.....                                     |         |      | 19,990    | 34   |
| 157              | Marine Hospitals and Sick Seamen, and Shipwrecked and Distressed Seamen.....   |         |      | 31,401    | 30   |
| 185              | Minister's Salary and Departmental Staff.....                                  |         |      | 38,775    | 00   |
| 172              | Meteorological Service.....  |         |      | 50,160    | 73   |
| 179              | Observatory, Kingston.....   | 500     | 00   |           |      |
| 178              | do Montreal.....   | 500     | 00   |           |      |
| 178              | do Toronto.....  | 5,238   | 16   |           |      |
|                  |  |         |      | 6,238     | 16   |
| 147              | Registration and Survey of Canadian Shipping.....                              |         |      | 189       | 27   |
| 180              | Removal of obstructions in Navigable Rivers.....                               |         |      | 342       | 76   |
| 149              | Rewards for saving life, purchase of Life-boats, etc.....                      |         |      | 2,614     | 91   |
| 181              | Signal Service.....  |         |      | 6,704     | 17   |
| 145              | Steamboat Inspection.....  |         |      | 21,893    | 28   |
| 188              | Survey of Georgian Bay.....  |         |      | 26,745    | 54   |
| 151              | Water Police, Montreal.....  | 19,021  | 93   |           |      |
| 150              | do Quebec.....   | 22,958  | 79   |           |      |
|                  |  |         |      | 41,980    | 72   |
|                  | Total Marine Department.....   |         |      | 944,726   | 62   |
|                  | “ Fisheries Department.....  |         |      | 313,001   | 96   |
|                  | Grand Total.....   |         |      | 1,257,728 | 58   |

F. GOURDEAU,  
Acting Accountant.

WM. SMITH,  
Deputy Minister of Marine.

## APPENDIX No. 36.

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being a Statement respecting the Marine Hospital, for the Fiscal Year ended 30th June, 1884.

| Hospital.             | Medical Superintendent.     | Patients Admitted. | Patients Discharged, Cured or Relieved. | Patients died in Hospital. | Patients Remaining for Treatment. |
|-----------------------|-----------------------------|--------------------|---|----------------------------|-----------------------------------|
| Bathurst, N.B.....    | G. M. Duncan, M.D.....      | No returns         | .....                                   | .....                      | .....                             |
| Miramichi, N.B.....   | J. S. Benson, M.D.....      | 21                 | 20                                      | 1                          | .....                             |
| Richibucto, N.B.....  | J. W. Doherty, M.D.....     | 9                  | 9                                       | .....                      | .....                             |
| Sackville, N.B.....   | L. B. Botsford, M.D.....    | No returns         | .....                                   | .....                      | .....                             |
| St. Andrews, N.B..... | S. T. Gove, M.D.....        | 2                  | 2                                       | .....                      | .....                             |
| St. John, N.B.....    | L. B. Botsford.....         | 122                | 105                                     | 3                          | 14                                |
| Lunenburg, N.S.....   | S. Jacobs, M.D.....         | 17                 | 16                                      | .....                      | 1                                 |
| Port Hawkesbury, NS   | P. A. McDonald, M.D.....    | 7                  | 7                                       | .....                      | .....                             |
| Sydney, N.S.....      | A. D. MacGillvary, M.D..... | 45                 | 41                                      | 4                          | .....                             |
| Yarmouth, N.S.....    | A. M. Perrin, M.D.....      | 9                  | 9                                       | .....                      | .....                             |
| Souris, P. E. I.....  | E. P. Ford, M.D.....        | 3                  | 3                                       | .....                      | .....                             |
| Victoria, B. C.....   | John C. Davie, M.D.....     | 54                 | 51                                      | 3                          | .....                             |

WM. SMITH,  
Deputy Minister of Marine.

## APPENDIX No. 37.

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING REPORT OF THE DECAYED PILOT FUND OF QUEBEC, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

QUEBEC, 2nd January, 1885.

SIR,—I transmit herewith a Statement of the Decayed Pilotage Fund of Quebec for the year ended 31st ult., and I have moreover the honour of supplying you the following information, viz. :—

The total receipts of the Corporation of Pilots for and below the Harbour of Quebec, for the year 1884, were as follows :—

|                     |              |
|---------------------|--------------|
| Total receipts..... | \$114,417 32 |
| Expenditure.....    | 20,255 20    |
|                     | <hr/>        |
|                     | \$94,162 12  |

171 pilots received \$549 each.

190 foreign vessels paid \$24,421.88, and 675 British vessels \$89,995.44.

I have the honour to be, Sir,

Your most humble servant,

F. X. DION,

*Treasurer.*

WILLIAM SMITH, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.



**STATEMENT of Moneys received and disbursed by the Corporation of Pilots  
for the Decayed Pilot Fund of Quebec, during the year 1884**

| RECEIPTS.  |  | \$ cts.   | \$ cts.   |
|--|--|-----------|-----------|
| To Balance of 1883.....  |  | 3,342 70  |           |
| Percentage on contributions to pilots.....   |  | 8,121 47  |           |
| Interest on investments.....   |  | 3,073 00  |           |
| Interest—Savings Bank.....   |  | 76 98     |           |
|  |  |           | 14,614 15 |
| EXPENDITURE.   |  |           |           |
| By Pensions.....   |  | 11,092 87 |           |
| Relief.....  |  | 385 74    |           |
| Salaries.....  |  | 500 00    |           |
| Deposits at the Savings Bank.....  |  | 2,599 55  |           |
| Balance on Hand.....   |  | 35 99     |           |
|  |  |           | 14,614 15 |
| PILOTS RELIEVED BY THE FUND.   |  |           |           |
| François Vézina.....   |  | 53 61     |           |
| Jean Bte. Couillard.....   |  | 48 00     |           |
| Marticotte.....  |  | 96 00     |           |
| Hilaire Jouvin.....  |  | 20 53     |           |
| Joseph Morency.....  |  | 16 00     |           |
| Lawrent Godbout, père.....   |  | 16 00     |           |
| Maurice Pepin.....   |  | 42 67     |           |
| Barth. Lachance, died 28th December, 1884.....                                       |  | 72 67     |           |
| Edouard Labrèque.....  |  | 20 26     |           |
|  |  |           | 385 74    |
| PENSIONERS AT THE EXPENSE OF THE FUND.   |  |           |           |
| AMOUNT PAID TO EACH DURING THE YEAR, FROM 1ST NOVEMBER, 1883, TO 1ST NOVEMBER, 1884. |  |           |           |
| <i>Twelve Pilots at \$110.</i>   |  |           |           |
| Paul Blouin.....   |  | 110 00    |           |
| Frédéric Bernier.....  |  | 110 00    |           |
| Laurent Trembly.....   |  | 110 00    |           |
| Dominique Girard.....  |  | 110 00    |           |
| François Vézina, superannuated 21st May, 1884.....                                   |  | 48 88     |           |
| Frs. Joseph Pouilot.....   |  | 110 00    |           |
| Hilaire Jouvin, superannuated 13th August, 1884.....                                 |  | 23 86     |           |
| J. Bte Bourget.....  |  | 110 00    |           |
| Yves Sylvestre.....  |  | 110 00    |           |
| Thomas Després.....  |  | 110 00    |           |
| Marcel Le Bel.....   |  | 110 00    |           |
| Jean Audet Lapointe, died 16th August, 1884.....                                     |  | 40 33     |           |
| Jacques Tremblay, died 30th August, 1884.....  |  | 88 30     |           |
|  |  |           | 1,191 37  |
| <i>Eight Pilots at \$101.</i>  |  |           |           |
| F. X. Lachance.....  |  | 101 00    |           |
| Jean Frs. Lamarre, died 6th December, 1883.....                                      |  | 10 10     |           |
| Anselme Marmen.....  |  | 101 00    |           |
| Pierre Pelletier.....  |  | 101 00    |           |
| Joseph St. Laurent.....  |  | 101 00    |           |
| J. Bte. Turgeon.....   |  | 101 00    |           |
| Frs. Thivierge.....  |  | 101 00    |           |
| Maurice Pepin, superannuated 10th April, 1884.....                                   |  | 56 11     |           |
|  |  |           | 672 21    |
| <i>Six Pilots at \$92.</i>   |  |           |           |
| Edouard Demers.....  |  | 92 00     |           |
| Clovis Antil.....  |  | 92 00     |           |
| J. Bte Paquet (arrears).....   |  | 23 00     |           |
| Carried forward.....   |  | 207 00    | 1,863 58  |

STATEMENT of Moneys received and disbursed by the Corporation of Pilots  
for the Decayed Pilot Fund of Quebec, etc.—Continued.

|   | \$  | cts. | \$    | cts. |
|---|-----|------|-------|------|
| Brought forward.....                                    | 207 | 00   | 1,863 | 58   |
| <b>PENSIONERS AT THE EXPENSE OF THE FUND—Continued.</b> |     |      |       |      |
| <i>Six Pilots at \$92—Concluded.</i>                    |     |      |       |      |
| J. B. Paquet for the year.....                          | 92  | 00   |       |      |
| Amable St Laurent.....                                  | 92  | 00   |       |      |
| Alexis Vézina.....                                      | 92  | 00   |       |      |
| Abraham Després, superannuated 26th December, 1883..... | 77  | 94   |       |      |
|   |     |      | 560   | 94   |
| <i>Four Pilots at \$90.</i>                             |     |      |       |      |
| Pierre Gourdeau.....                                    | 90  | 00   |       |      |
| Jean Lavoie.....  | 90  | 00   |       |      |
| Joseph Lavoie.....                                      | 90  | 00   |       |      |
| Edouard Rousseau.....                                   | 90  | 00   |       |      |
|   |     |      | 360   | 00   |
| <i>Four Pilots at \$88.</i>                             |     |      |       |      |
| F. X. Corriveau.....                                    | 88  | 00   |       |      |
| Joseph Lapointe.....                                    | 88  | 00   |       |      |
| Frs. Pelletier.....                                     | 88  | 00   |       |      |
| Antoine Roussel.....                                    | 88  | 00   |       |      |
|   |     |      | 352   | 00   |
| <i>Four Pilots at \$86.</i>                             |     |      |       |      |
| Louis Lemieux, died 10th September, 1884.....           | 74  | 05   |       |      |
| Frs. Nadeau.....  | 86  | 00   |       |      |
| Alexis Roy.....   | 86  | 00   |       |      |
| Célestin St. Pierre.....                                | 86  | 00   |       |      |
|   |     |      | 332   | 05   |
| <i>Three Pilots at \$82.</i>                            |     |      |       |      |
| F. X. Ménard.....                                       | 82  | 00   |       |      |
| Michel Vézina (arrears).....                            | 41  | 00   |       |      |
| do (one year).....                                      | 82  | 00   |       |      |
| Siméon Plante.....                                      | 82  | 00   |       |      |
|   |     |      | 287   | 00   |
| <i>Five Pilots at \$79.</i>                             |     |      |       |      |
| Frs. Côté.....  | 79  | 00   |       |      |
| Pierre Charest.....                                     | 79  | 00   |       |      |
| Paul Pouliot.....                                       | 79  | 00   |       |      |
| J. Jéon Roy.....  | 79  | 00   |       |      |
| Léandre Raymond.....                                    | 79  | 00   |       |      |
|   |     |      | 395   | 00   |
| <i>One Pilot at \$47.</i>                               |     |      |       |      |
| James Forbes.....                                       |     |      |       | 47   |
|   |     |      |       | 00   |
| <b>WIDOWS OF PILOTS.</b>                                |     |      |       |      |
| <i>Thirteen Widows at \$68.</i>                         |     |      |       |      |
| Widow of Edouard Antil.....                             | 68  | 00   |       |      |
| do Charles Brown.....                                   | 68  | 00   |       |      |
| do Maximin Caron.....                                   | 68  | 00   |       |      |
| do Charles Chouinard.....                               | 68  | 00   |       |      |
| do Alexis Delisle.....                                  | 68  | 00   |       |      |
| do J. Bte. Dion.....                                    | 68  | 00   |       |      |
| do Ls. Jos. Lavoie.....                                 | 68  | 00   |       |      |
| do Chas. Pouliot.....                                   | 68  | 00   |       |      |
| do Alexis Pelletier.....                                | 68  | 00   |       |      |
| do Nicholas Paradis.....                                | 68  | 00   |       |      |
| do Edouard Petitgrew.....                               | 68  | 00   |       |      |
| do Alexandre Vaillancourt.....                          | 68  | 00   |       |      |
| do Edouard Marcoux, superannuated 11th March, 1883..... | 43  | 44   |       |      |
|   |     |      | 859   | 44   |
| Carried forward.....                                    |     |      | 5,057 | 01   |

STATEMENT of Moneys received and disbursed by the Corporation of Pilots  
for the Decayed Pilot Fund of Quebec, etc.—Continued.

|  | \$  | cts. | \$    | cts. |
|--|-----|------|-------|------|
| Brought forward.....   |     |      | 5,057 | 01   |
| <b>PENSIONERS AT THE EXPENSE OF THE FUND—Continued.</b>        |     |      |       |      |
| <b>WIDOWS OF PILOTS—Continued.</b>                             |     |      |       |      |
| <i>Thirteen Widows at \$64.</i>                                |     |      |       |      |
| Widow of F. X. Delisle.....                                    | 64  | 00   |       |      |
| do Robert Demers.....  | 64  | 00   |       |      |
| do Hubert Dumas.....   | 64  | 00   |       |      |
| do Jean Gobeil.....  | 64  | 00   |       |      |
| do Cyprien Langlois.....                                       | 64  | 00   |       |      |
| do Pierre Laprise.....   | 64  | 00   |       |      |
| do Paul Laroche.....   | 64  | 00   |       |      |
| do Jean Frs. Lamarre, superannuated on 6th December, 1883..... | 57  | 95   |       |      |
| do Joseph Mercier.....   | 64  | 00   |       |      |
| do Michael Morin.....  | 64  | 00   |       |      |
| do Joseph Raymond.....   | 64  | 00   |       |      |
| do Pierre Ruelland.....  | 64  | 00   |       |      |
| do George St. Amand.....                                       | 64  | 00   |       |      |
|  |     |      | 825   | 95   |
| <i>Sixteen Widows at \$62.</i>                                 |     |      |       |      |
| Widow of C. J. Adam (A.B.).....                                | 62  | 00   |       |      |
| do J. E. Adam.....   | 62  | 00   |       |      |
| do Damas Babin.....  | 62  | 00   |       |      |
| do Marcel Côté.....  | 62  | 00   |       |      |
| do Paschal Dick.....   | 62  | 00   |       |      |
| do Michel Fournier.....  | 62  | 00   |       |      |
| do Nicholas Fortin.....  | 62  | 00   |       |      |
| do Pierre Gourdeau (A.F.).....                                 | 62  | 00   |       |      |
| do Isaac Gourdeau.....   | 62  | 00   |       |      |
| do Amable Genest (arrears).....                                | 15  | 50   |       |      |
| do do (one year).....  | 62  | 00   |       |      |
| do Ls. Marie Lavoie, on account.....                           | 48  | 50   |       |      |
| do Bénonie Normand.....  | 62  | 00   |       |      |
| do J. M. Plante.....   | 62  | 00   |       |      |
| do Gabriel Plante.....   | 62  | 00   |       |      |
| do Pierre Paquet.....  | 62  | 00   |       |      |
| do Frs. Rioux.....   | 62  | 00   |       |      |
|  |     |      | 992   | 00   |
| <i>Fifteen Widows at \$60.</i>                                 |     |      |       |      |
| Widow of Ant. Boucher.....                                     | 60  | 00   |       |      |
| do Félix Caron.....  | 60  | 00   |       |      |
| do Louis Crépault.....   | 60  | 00   |       |      |
| do David Cinq-Mars.....  | 60  | 00   |       |      |
| do Pierre Curodeau.....  | 60  | 00   |       |      |
| do Thos. Connell.....  | 60  | 00   |       |      |
| do Vital Charest, on account.....                              | 45  | 00   |       |      |
| do Joseph Dupil.....   | 60  | 00   |       |      |
| do Jean Giroux.....  | 60  | 00   |       |      |
| do Pierre Gourdeau (A.N.).....                                 | 60  | 00   |       |      |
| do Jean Marcoux.....   | 60  | 00   |       |      |
| do Magloire Mercier (arrears).....                             | 15  | 00   |       |      |
| do do (one year).....  | 60  | 00   |       |      |
| do J. Bte. Patoine.....  | 60  | 00   |       |      |
| do J. Bte. Tremblay.....                                       | 60  | 00   |       |      |
| do Ed. Vaillancourt.....                                       | 60  | 00   |       |      |
|  |     |      | 900   | 00   |
| <i>Sixteen Widows at \$58.</i>                                 |     |      |       |      |
| Widow of Edouard Chevalier.....                                | 58  | 00   |       |      |
| do J. Bte. Caron.....  | 58  | 00   |       |      |
| do Thomas Dick.....  | 58  | 00   |       |      |
| Carried forward.....   | 174 | 00   | 7,774 | 96   |

STATEMENT of Moneys received and disbursed by the Corporation of Pilots  
for the Decayed Pilot Fund of Quebec, etc.—Continued.

|   |  | \$ cts. | \$ cts.   |
|---|--|---------|-----------|
| Brought forward.....                                    |  | 174 00  | 7,774 96  |
| <b>PENSIONERS AT THE EXPENSE OF THE FUND—Continued.</b> |  |         |           |
| <b>WIDOWS OF PILOTS—Continued.</b>                      |  |         |           |
| <i>Sixteen Widows at \$58—Concluded.</i>                |  |         |           |
| Widow   | of Amable Fournier (arrears) .....               | 29 00   |           |
| do  | do (one year) .....                              | 58 00   |           |
| do  | Denis Glynn.....                                 | 58 00   |           |
| do  | Wm. Irvine.....                                  | 58 00   |           |
| do  | Fabien Langelier.....                            | 58 00   |           |
| do  | Julien Langlois.....                             | 58 00   |           |
| do  | J. Rte. Laroche.....                             | 58 00   |           |
| do  | A. Lavoie (L.M.).....                            | 58 00   |           |
| do  | Henri Lavoie.....                                | 58 00   |           |
| do  | Firmin Lévesque (on account) .....               | 14 50   |           |
| do  | do .....   | 43 50   |           |
| do  | Henri Noël.....                                  | 58 00   |           |
| do  | Pierre Ross.....                                 | 58 00   |           |
| do  | Fred. Simpson.....                               | 58 00   |           |
| do  | Joseph Simpson.....                              | 58 00   |           |
|   |  |         | 957 00    |
| <i>Fifteen Widows at \$56.</i>                          |  |         |           |
| Widow   | of L. Asselin (M.L.) .....                       | 56 00   |           |
| do  | Grégoire Bernier.....                            | 56 00   |           |
| do  | Germain Caron.....                               | 56 00   |           |
| do  | Jean Dion.....                                   | 56 00   |           |
| do  | Augustin Doiron.....                             | 56 00   |           |
| do  | C. F. Koenig.....                                | 56 00   |           |
| do  | Ovide Lachance.....                              | 56 00   |           |
| do  | L. Langlois (E.D.).....                          | 56 00   |           |
| do  | Joseph Lévesque.....                             | 55 00   |           |
| do  | Antoine Michaud.....                             | 56 00   |           |
| do  | Pierre Normand.....                              | 56 00   |           |
| do  | David Pettigrew.....                             | 56 00   |           |
| do  | Benj. Pincou.....                                | 56 00   |           |
| do  | Jean Pelletier.....                              | 56 00   |           |
| do  | John Simpson.....                                | 56 00   |           |
|   |  |         | 840 00    |
| <i>Nine Widows at \$48.</i>                             |  |         |           |
| Widow   | of Guillaume Amyot.....                          | 48 00   |           |
| do  | Paul Blouin.....                                 | 48 00   |           |
| do  | Frs. Boissinot.....                              | 48 00   |           |
| do  | Célestin Côté.....                               | 48 00   |           |
| do  | P. Desrosiers, <i>alias</i> Dutreral.....        | 48 00   |           |
| do  | F. X. Lachance.....                              | 48 00   |           |
| do  | P. P. Lachance (died on 20th January, 1884)..... | 10 66   |           |
| do  | Frs. Leclerc.....                                | 48 00   |           |
| do  | Michel Pelletier.....                            | 48 00   |           |
| do  | Abraham Royer.....                               | 48 00   |           |
|   |  |         | 442 66    |
| <i>Eight Widows at \$40.</i>                            |  |         |           |
| Widow   | of Alfred Antil (arrears).....                   | 10 00   |           |
| do  | do (account).....                                | 10 00   |           |
| do  | Jacques Dandurand (arrears) .....                | 10 00   |           |
| do  | do (one year).....                               | 40 00   |           |
| do  | André Reable.....                                | 40 00   |           |
| do  | Guillaume Morency.....                           | 40 00   |           |
| do  | Magloire Rioux (arrears).....                    | 12 00   |           |
| do  | do (one year).....                               | 40 00   |           |
| Carried forward.....                                    |  | 202 00  | 10,014 62 |

**STATEMENT of Moneys received and disbursed by the Corporation of Pilots for the Decayed Pilot Fund of Quebec, etc.—Continued.**

|   | \$    | cts. | \$     | cts. |
|---|-------|------|--------|------|
| Brought forward.....                                      | 202   | 00   | 10,014 | 62   |
| <b>PENSIONERS AT THE EXPENSE OF THE FUND—Concluded.</b>   |       |      |        |      |
| <i>Widows of Pilots—Concluded.</i>                        |       |      |        |      |
| <i>Eight Widows at \$40—Concluded.</i>                    |       |      |        |      |
| Widow of Pierre Rouleau.....                              | 40    | 00   | 322    | 00   |
| do J. B. Servant.....                                     | 40    | 00   |        |      |
| do Henri Perrault.....                                    | 40    | 00   |        |      |
| <i>Fourteen Widows at \$38.</i>                           |       |      |        |      |
| Widow of Zach. Blanchet (arrears).....                    | 19    | 00   | 532    | 00   |
| do do on account.....                                     | 19    | 00   |        |      |
| do Fabien Caron.....                                      | 38    | 00   |        |      |
| do Magloire Côté.....                                     | 38    | 00   |        |      |
| do R. Côté (arrears).....                                 | 9     | 50   |        |      |
| do do on account.....                                     | 28    | 50   |        |      |
| do Antoine Fortier.....                                   | 38    | 00   |        |      |
| do L. Langlois (A.R.).....                                | 38    | 00   |        |      |
| do Pierre Lapointe.....                                   | 38    | 00   |        |      |
| do Louis Ph. Lavoie.....                                  | 38    | 00   |        |      |
| do Pierre Michaud.....                                    | 38    | 00   |        |      |
| do Thos. McNeil.....                                      | 38    | 00   |        |      |
| do Antoine Raymond.....                                   | 38    | 00   |        |      |
| do George Simard.....                                     | 38    | 00   |        |      |
| do Alfred Turgeon.....                                    | 38    | 00   |        |      |
| do Louis Thivierge.....                                   | 38    | 00   |        |      |
| <b>SEVENTEEN CHILDREN OF PILOTS.</b>                      |       |      |        |      |
| David Charest 1.....                                      | 15    | 00   | 224    | 25   |
| Hilaire Couillard 1.....                                  | 15    | 00   |        |      |
| Henri Gauthier (arrears) 1.....                           | 15    | 00   |        |      |
| do do 13th Feb., 1884 1.....                              | 4     | 29   |        |      |
| D. Charest (Gervais) (arrears) 1.....                     | 3     | 75   |        |      |
| do do on account 1.....                                   | 11    | 25   |        |      |
| Nil Asselin 2.....  | 14    | 55   |        |      |
| Wm. Petitgrew, \$15, \$12 2.....                          | 27    | 52   |        |      |
| Thomas Boutin 1.....                                      | 15    | 00   |        |      |
| P. Toussaint 1.....                                       | 15    | 00   |        |      |
| F. Dupuis 1.....  | 15    | 00   |        |      |
| N. Fortin on account 1.....                               | 11    | 25   |        |      |
| J. Johan 1.....   | 15    | 00   |        |      |
| B. Pineau (arrears) 1.....                                | 15    | 00   |        |      |
| Isaac Forbes 2.....                                       | 27    | 48   |        |      |
| P. Garneau, reached his 15th year on 10th Nov., 1883..... | 4     | 16   |        |      |
| <b>RECAPITULATION OF PENSIONS.</b>                        |       |      |        |      |
| 12 Pilots at \$110.....                                   | 1,191 | 37   | 11,092 | 87   |
| 8 do 101.....   | 672   | 21   |        |      |
| 6 do 92.....  | 560   | 94   |        |      |
| 4 do 90.....  | 360   | 00   |        |      |
| 4 do 88.....  | 352   | 00   |        |      |
| 4 do 86.....  | 332   | 05   |        |      |
| 3 do 82.....  | 287   | 00   |        |      |
| 5 do 79.....  | 395   | 00   |        |      |
| 1 do 47.....  | 47    | 00   |        |      |
| 47 Pilots.  | 4,197 | 57   |        |      |
| Carried forward.....                                      | 4,197 | 57   |        |      |

STATEMENT of Moneys received and disbursed by the Corporation of Pilots  
for the Decayed Pilot Fund of Quebec, etc.—Continued.

|   | \$     | cts. | \$     | cts. |
|---|--------|------|--------|------|
| Brought forward.....  | 4,197  | 57   |        |      |
| RECAPITULATION OF PENSIONS—Concluded.   |        |      |        |      |
| 13 Widows at \$68 .....   | 859    | 44   |        |      |
| 13 do 64 .....  | 825    | 95   |        |      |
| 16 do 62 .....  | 992    | 00   |        |      |
| 15 do 60 .....  | 900    | 00   |        |      |
| 16 do 58 .....  | 957    | 00   |        |      |
| 15 do 56 .....  | 840    | 00   |        |      |
| 9 do 48 .....   | 442    | 66   |        |      |
| 8 do 40 .....   | 322    | 00   |        |      |
| 14 do 38 .....  | 532    | 00   |        |      |
| 119 Widows.   |        |      |        |      |
| 17 Children at \$15, \$12.50 and \$10.....  | 224    | 25   |        |      |
| 183 Pensioners.....   |        |      | 11,092 | 87   |
| CREDIT.   |        |      |        |      |
| RECEIPTS—DETAIL.  |        |      |        |      |
| To Balance of 1883.....   | 3,342  | 70   |        |      |
| Syndics of the Quebec Roads: 1 year's interest on \$22,800, at 6 per cent.,<br>on 1st July, 1884..... | 1,368  | 00   |        |      |
| The City of Quebec: 1 year's interest on \$9,000, at 7 per cent., on 1st<br>July, 1884.....           | 630    | 00   |        |      |
| Treasury Department: 1 year's interest on \$20,000 on 1st July, 1884, at<br>5 per cent.....           | 1,000  | 00   |        |      |
| Estate of P. Boisseau: 1 year's interest on \$1,000 on the 26th January,<br>1884, at 6 per cent.....  | 60     | 00   |        |      |
| The Corporation of Pilots: 1 year's interest on \$300, at 5 per cent.....                             | 15     | 00   |        |      |
| The Savings Bank: Interest received on 25th May, 1883, on current<br>account.....                     | 76     | 98   |        |      |
| Amount received from the Corporation of Pilots.....   | 7,961  | 18   |        |      |
| do do Captains Pilots.....  | 160    | 29   |        |      |
|   |        |      | 14,614 | 15   |
| DEBIT.  |        |      |        |      |
| PENSIONS AND RELIEF, ETC., PAID DURING THE SEASON OF 1884.  |        |      |        |      |
| By Relief.....  | 385    | 74   |        |      |
| Arrears on pensions to 31st December, 1883.....   | 202    | 91   |        |      |
| Amount of pay-list of pensions for quarter ended 31st January, 1884.....                              | 2,709  | 50   |        |      |
| do do do 30th April, 1884.....  | 2,709  | 53   |        |      |
| do do do 31st July, 1884.....   | 2,782  | 02   |        |      |
| do do do 31st October, 1884.....  | 2,688  | 91   |        |      |
| Salary of the Treasurer and Assistant.....  | 500    | 00   |        |      |
| Deposits in Savings Bank.....   | 2,599  | 55   |        |      |
| Balance on hand.....  | 35     | 99   |        |      |
|   |        |      | 14,614 | 15   |
| STATEMENT OF FUND.  |        |      |        |      |
| Moneys loaned.....  | 53,352 | 71   |        |      |
| Amount in Savings Bank.....   | 2,599  | 55   |        |      |
| do Treasurer's hands.....   | 35     | 99   |        |      |
|   | 55,988 | 25   |        |      |
| To deduct arrears of pensions due this day.....   | 274    | 82   |        |      |
|   |        |      | 55,713 | 43   |

E. &amp; O. E.

QUEBEC, 31st December, 1884.

We, the undersigned, certify to having minutely examined the books and accounts of the Decayed Pilot Fund, and having found them correct.

EUGENE D. BOULANGER,  
DAVID DUMAS.

F. X. DION, Treasurer.

THOMAS BOISSINOT,  
Accountant.

## APPENDIX No. 38.

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING REPORT ON THE DECAYED PILOT FUND OF MONTREAL, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

HARBOUR COMMISSIONERS' OFFICE,  
MONTREAL, 22nd January, 1885.

SIR,—I have the honour to transmit herewith, for the information of the Honourable the Minister of Marine and Fisheries, statements of the receipts and disbursements of the Montreal Decayed Pilot Fund, for the year ending the 31st December, 1884. Also a statement shewing the state of the said Fund at that date.

The Fund, as stated in former reports, is in a good condition, and shows a net increase of \$1,052.61 for the year, although the receipts for poundage, etc., were somewhat less than usual, viz. :—

|                              |            |
|------------------------------|------------|
| Poundage.....                | \$2,141 84 |
| Interest on investments..... | 1,905 00   |
| Total.....                   | \$4,046 84 |

I have to report the following changes in the list of pensioners :—The widow of Jos. Lacourière, died on the 2nd January; old pilot F. A. Mayrand, on the 6th of the same month; pilot Ed. Naud, (reported last year as having become insane) on the 15th April; widow of Alex. Trottier, on the 30th June, and old pilot P. M. Mathieu, on the 10th December. The widow of Ed. Naud, above referred to, continues to receive the usual pension.

There are 23 pensioners on the Fund, viz. :—19 widows and 4 old pilots. The amount paid for pensions during the year was \$3,131.61.

I have the honour to be, Sir,

Your most obedient servant,

H. D. WHITNEY,

Secretary.

WILLIAM SMITH, Esq.,  
Deputy Minister Marine,  
Ottawa.

Dr.

H. D. WHITNEY, Treasurer, in account with the Decayed Pilot Fund.

Cr

| 1884.      | 1881. | \$ cts.   | 1881. | \$ cts. |
|------------|-------|-----------|-------|---------|
| Jan. 1...  | Feb.  | 7,604 19  | 1...  |         |
| do 29...   |       | 767 50    |       |         |
| Feb. 11... |       | 125 00    |       |         |
| do 12...   |       | 66 71     |       |         |
| May 31...  | do    | 159 14    | 4...  |         |
| June 1...  | do    | 1 05      | 5...  |         |
| do 3...    | do    | 60 00     | 6...  |         |
| do 30...   | do    | 296 67    | 8...  |         |
| July 10... | do    | 0 80      | 9...  |         |
| do 31...   |       | 369 34    | 16..  |         |
| Aug. 5...  |       | 3 20      |       |         |
| do 7...    |       | 767 50    |       |         |
| do 31...   |       | 373 91    |       |         |
| Sept. 6... | do    | 125 00    | 22... |         |
| do 30...   | Mar.  | 317 65    | 12... |         |
| Oct. 31... | April | 316 24    | 2...  |         |
| Nov. 15... | Mar.  | 60 00     | 29... |         |
| do 17...   | May   | 50 00     | 1...  |         |
| do 30...   |       | 187 13    |       |         |
| Dec. 31... |       | 137 38    |       |         |
|            |       | 11,788 41 |       |         |

To Balance brought forward.....  
 6 months interest on \$24,000, Harbour Bonds, due January.....  
 6 months interest on \$5,000, City of Montreal Bonds, due January 1.....  
 Poundage 1883 from Collector of Customs, Three Rivers.....  
 Received from Collector of Customs, poundage May.....  
 Received from Pilot O. Brunet, poundage barque "Cato".....  
 Received 6 months interest on \$2,000, Montreal Water Works Bonds, due May 1.....  
 Received from Collector of Customs, poundage June.....  
 Received from Pilot Z. Bouille, poundage steamer "Rocket".....  
 Received from Collector of Customs, poundage July.....  
 Received from Pilot U. Loupin, poundage yacht "Nubienne".....  
 Received 6 months interest on \$24,000, Harbour Bonds, due July 5.....  
 Received from Collector of Customs, poundage August.....  
 Received 6 months interest of \$5,000, City of Montreal Bonds, due July 1.....  
 Received from Collector of Customs, poundage September.....  
 Received from Collector of Customs, poundage October.....  
 Received 6 months interest on \$2,000, Montreal Water Works Bonds, due Nov. 1.....  
 Received from Pilot L. N. Bouille, steamer Montreal, poundage on salary 1884.....  
 Received from Collector of Customs, poundage November.....  
 Received from City and District Savings Bank, interest on account.....

By Paid the following pensions for 3 months ending 1st February:—  
 Widow Olivier Abelle.....  
 do Thomas Dubord.....  
 do Hebert Lemai.....  
 do Léandre Mayrand.....  
 Old Pilot Onésime Naud.....  
 do Joseph Lafrénère.....  
 Widow Olivier Raymond.....  
 do Zéphirin Boudreau.....  
 do Lella Hamelin.....  
 do Jos. Boules.....  
 Heirs Jos. Lacoursière, balance.....  
 do Hector Hamelin, 4 1/2 months.....  
 do Isaié Beaudry.....  
 do Sévère Belisle.....  
 do Narcisse Bouille.....  
 do L. David Bouille.....  
 do Moise Biron.....  
 do Alex. Trothier.....  
 do David Mathieu.....  
 do Ed Boudreau.....  
 do Eusebe Toupin.....  
 Mme. Md. Naud.....  
 Old Pilot Jos. L. Dusserre.....  
 do P. M. Mathieu.....  
 do Placide GaillouDET.....  
 Heirs F. A. Mayrand.....  
 Widow Zéphirin Mayrand.....  
 do Léandre Mayrand, balance.....  
 Heirs Pierre Pagé.....  
 Paid Dr. Johnston, Sorel, services account P. Naud.....

Carried forward.....



DR. H. D. WHITNEY, Treasurer, in account with the Decayed Pilots Fund. CR.

|                       | \$   | cts.   |  | cts. | \$       |
|-----------------------|--|--------|--|------|----------|
| Brought forward ..... |  | 11,788 |  | 41   | 887      |
| 1884.                 |  |        |  |      | 19       |
| May 1...              | By paid the following pensions for three months ending 1st May:—                 |        |  |      |          |
|                       | Widow Olivier Abelle.....  |        |  |      | 28 00    |
|                       | do Thos. Dubord.....   |        |  |      | 24 00    |
|                       | do Hubert Lemai.....   |        |  |      | 28 00    |
| do 2...               | do Issie Beaudry.....  |        |  |      | 28 00    |
|                       | do Sévère Bellisle.....  |        |  |      | 28 00    |
|                       | do Zéphirin Boudreau.....  |        |  |      | 28 00    |
|                       | do Narcisse Bouille.....   |        |  |      | 22 00    |
|                       | do L. David Bouille.....   |        |  |      | 22 00    |
|                       | do Moise Biron.....  |        |  |      | 28 00    |
|                       | do Alex. Frotier.....  |        |  |      | 24 00    |
|                       | do David Mathieu.....  |        |  |      | 28 00    |
|                       | do Ed. Boudreau.....   |        |  |      | 28 00    |
|                       | do Zéphirin Mayrand.....   |        |  |      | 28 00    |
|                       | do Hector Hamelin.....   |        |  |      | 43 75    |
|                       | Mme. Edouard Naud.....   |        |  |      | 50 00    |
|                       | Old Pilot Jos. L. Dussereau.....   |        |  |      | 50 00    |
|                       | do P. M. Mathieu.....  |        |  |      | 50 00    |
|                       | do Joseph Lafranière.....  |        |  |      | 50 00    |
|                       | do Placide Gaillardet.....   |        |  |      | 28 00    |
| do 3...               | Widow Jos. Bouies.....   |        |  |      | 28 00    |
|                       | do Felix Hamelin.....  |        |  |      | 28 00    |
| do 6...               | do Olivier Raymond.....  |        |  |      | 28 00    |
| do 8...               | Old Pilot Onésime Naud.....  |        |  |      | 50 00    |
| do 12...              | Widow Eusèbe Toupin.....   |        |  |      | 24 00    |
| July                  | By paid for four Montreal Harbour Bonds, 5 per cent. 30 years Bonds—\$1,000..... |        |  |      | 4,000 00 |
| Aug. 1...             | By paid the following pensions for three months ending 1st August:—              |        |  |      |          |
|                       | Widow Olivier Abelle.....  |        |  |      | 28 00    |
|                       | do Zéphirin Boudreau.....  |        |  |      | 28 00    |
|                       | do Jos. Bouies.....  |        |  |      | 28 00    |
|                       | do Thos. Dubord.....   |        |  |      | 24 00    |
|                       | do Hubert Lemai.....   |        |  |      | 28 00    |
|                       | Old Pilot Onésime Naud.....  |        |  |      | 50 00    |
| do 2...               | Widow Felix Hamelin.....   |        |  |      | 28 00    |
|                       | do Olivier Raymond.....  |        |  |      | 28 00    |
| do 7...               | do Issie Beaudry.....  |        |  |      | 28 00    |
|                       | Sévère Bellisle.....   |        |  |      | 28 00    |

|      |   |           |
|------|---|-----------|
| do   | Narcisse Bouille .....  | 28 00     |
| do   | Louis D. Botille .....  | 22 00     |
| do   | Moise Eiron .....   | 22 00     |
| do   | David Mathien .....   | 24 00     |
| do   | Ed. Boudreau .....  | 28 00     |
| do   | Eusebe Toupin .....   | 24 00     |
| do   | Zéphirin Mayrand .....  | 28 00     |
| do   | Hector Hamelin .....  | 28 00     |
| do   | Old Pilot Jos. L. Dussereau .....                                     | 50 00     |
| do   | P. M. Mathien .....   | 50 00     |
| do   | Jos. Lafrenière .....   | 50 00     |
| do   | Placide Gaillardet .....  | 50 00     |
| do   | Heirs Widow Alex. Trottier, balance .....                             | 18 67     |
| do   | Widow Ed. Naud .....  | 24 00     |
| do   | By paid the following pensions for three months ending 1st November:— |           |
| Nov. | Widow Olivier Abelle .....  | 28 00     |
| do   | do Hector Hamelin .....   | 28 00     |
| do   | do Zéphirin Boudreau .....  | 28 00     |
| do   | do Jos. Bouies .....  | 28 00     |
| do   | do Thos. Dunbord .....  | 24 00     |
| do   | do Felix Hamelin .....  | 28 00     |
| do   | do Hubert Lemai .....   | 28 00     |
| do   | do Olivier Raymond .....  | 28 00     |
| do   | Old Pilot Orésime Naud .....  | 50 00     |
| do   | Widow Isaac Beaudry .....   | 28 00     |
| do   | do Sévère Bellais .....   | 28 00     |
| do   | do Narcisse Bouille .....   | 28 00     |
| do   | do Louis D. Bouille .....   | 22 00     |
| do   | do Moise Eiron .....  | 22 00     |
| do   | do David Mathieu .....  | 24 00     |
| do   | do Ed. Boudreau .....   | 28 00     |
| do   | do Eusebe Toupin .....  | 24 00     |
| do   | do Zéphirin Mayrand .....   | 28 00     |
| do   | do Ed. Naud .....   | 24 00     |
| do   | do Old Pilot Jos. L. Dussereau .....                                  | 50 00     |
| do   | do P. M. Mathien .....  | 50 00     |
| do   | do Jos. Lafrenière .....  | 50 00     |
| do   | do Placide Gaillardet .....   | 50 00     |
| do   | Balance carried forward .....   | 4,656 80  |
|      | Total .....   | 11,788 41 |

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H. D. WHITNEY, Treasurer, in account with the Decayed Pilots Fund—*Con*


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| STATEMENT OF FUND.   |  | \$     | cts.  |
|--|--|--------|-------|
| Montreal Harbour Bonds—6½ per cent. interest .....           |  | 19,000 | 00    |
| do 6 do .....  |  | 5,000  | 00    |
| do 5 do .....  |  | 4,000  | 00    |
| Montreal Water Works Bonds—6 per cent. interest .....        |  | 2,000  | 00    |
| City of Montreal Consolidated Fund—5 per cent. interest..... |  | 5,000  | 00    |
| Cash in City and District Savings Bank—3 do .....            |  | 4,636  | 23    |
| Cash on hand.....  |  |        | 20 57 |
|  |  | 39,656 | 80    |

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H. D. WHITNEY,  
*Treasurer.*

MONTREAL, 31st December, 1884.

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I hereby certify that I have examined the statement of receipts and disbursements of the Treasurer of "The Montreal Decayed Pilot Fund," for the year ended the 31st December, 1884; also, the securities mentioned in the above statement as belonging to this fund, and the cash on hand, all of which I find to be correct.

ANDREW ALLAN,  
*Harbour Commissioner and Chairman Pilot Committee.*

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SUPPLEMENT

TO THE

SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE,  
BEING FOR THE FISCAL YEAR ENDED 30<sup>TH</sup> JUNE, 1884.

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REPORTS

OF THE

CHAIRMAN OF THE BOARDS OF

STEAMBOAT INSPECTION

AND EXAMINERS OF MASTERS AND MATES,

THE

TORONTO, MONTREAL, QUEBEC AND PICTOU

HARBOUR COMMISSIONERS

THE PILOTAGE AUTHORITIES,

THE HARBOUR AND SHIPPING MASTERS, CERTAIN PORT WARDENS, AND ON THE  
HARBOUR POLICE OF MONTREAL AND QUEBEC, TOGETHER WITH  
STATEMENT OF WRECKS AND CASUALTIES AND LIST  
OF REWARDS FOR SAVING LIFE,

CHIEFLY UP TO THE

31<sup>ST</sup> DAY OF DECEMBER, 1884.

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PRINTED BY ORDER OF PARLIAMENT.

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OTTAWA:

PRINTED BY MACLEAN, ROGER & Co., WELLINGTON STREET,  
1885.



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## SUPPLEMENT.

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The Hon. A. W. McLELAN, M.P.,  
Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith Supplement to the Seventeenth Annual Report of the Department of Marine, being for the year 1884, containing the Reports of the Chairmen of the Boards of Steamboat Inspection and Examiners of Masters and Mates, the Toronto, Montreal, Quebec and Pictou Harbour Commissioners, the Pilotage Authorities, the Harbour and Shipping Masters, certain Port Wardens, and on the Harbour Police of Montreal and Quebec, together with Statement of Wrecks and Casualties and List of Awards for Saving Life.

My remarks on the subjects specified in the above mentioned Reports will be found in the Annual Report of this Department, submitted on the 1st January last.

I have the honour to be, Sir,

Your most obedient servant,

WM. SMITH,

*Deputy Minister of Marine.*



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## APPENDIX No. 1.

## REPORT OF THE CHAIRMAN OF THE BOARD OF STEAMBOAT INSPECTION FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

BOARD OF STEAMBOAT INSPECTION,  
CHAIRMAN'S OFFICE, TORONTO, 1st January, 1885.

Hon. A. W. McLELAN,  
Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith my Annual Report for the year ended the 31st December, 1884.

During the year Mr. Edward S. Vigor was appointed Inspector of Steamboats in British Columbia, along with Mr. Richard Collister as Hull Inspector, for the Port of Victoria.

Mr. Oliver P. St. John, was also appointed for the West Ontario, and Huron and Superior Division, and Captain James Dick, Hull Inspector for the Province of Ontario.

## BOARD MEETINGS.

Sittings of the Board were held for the examinations of engineers, and renewal of certificates to qualified engineers, in February, at Toronto, St. Catharines, Collingwood and Sarnia.

A quorum of the Board was convened the 24th March, at Montreal, for the further examinations of Mr. Francis Gendron for the office of Inspector of engines and boilers of steamboats for the district of Three Rivers. Mr. Gendron again failed to pass. The following resolution was passed at the meeting.

## RULES AND REGULATIONS.

RULE.—Moved and unanimously approved, that Rule 5, of Rules and Regulations, requiring the tops of combustion boxes, supported by solid, rectangular girders, that three-fifths of the pressure shall be sustained by hanging stays.

On the 4th April a meeting of the Board was convened at Toronto to examine Mr. Arthur Vipond, of Victoria, British Columbia, for the office of Inspector of Steamboats for that division. Mr. Vipond failed to appear before the Board, deciding to return home without being examined.

As no sitting of the Board had been held in the Maritime Provinces for several years, and as the Act of 1882 was likely to give rise to enquiries among steamboat people in respect to its operation, I deemed it expedient to convene a meeting at St. John, N.B., and Halifax, N.S. Accordingly, the Board met at the former place on the 1st September, and at Halifax on the 9th following. Besides the examination of engineer candidates and renewal of certificates to qualified engineers, the following rules and regulations were adopted:

1st.—That tugs towing rafts and carrying the raftsmen shall not be classed as passenger boats;

2nd.—That Rule 20, of Rules and Regulations be amended by substituting  $2\frac{1}{2}$  inches in place of 3 inches for safety valves for steamboat boilers, under 42 inches diameter.

3rd. Referring to fixed hooks in blocks used for lowering the life-boats referred to in Rule 20 of Rules, that the same shall remain in force. See "Life-boats."

4th. Steamers under 60 tons register, provided with a pony pump, may dispense with a hand engine pump, using the main engine pump for testing the boiler.

A resolution directing the attention of the Department to the enforced inspection of Canadian steamers in United States waters by inspectors of that Government, recommending a discontinuance of it, or, failing to obtain that, a similar inspection of United States steamers trading in Canadian waters, be enforced.

A proposal to recommend a re-enactment of the Act providing first assistant engineers is disapproved, it being decided to leave the matter with owners of steamboats, they being the most interested in its adoption.

The recognition of Canadian engineers' certificates, first and second-class, by the Imperial Board of Trade, was considered, and the conclusion come to that it might be safely done; that in knowledge, experience, time of service, and general qualifications, our engineers compare favourably under the Board of Trade examination rules, upon which these certificates are granted. It was also recommended that Board of Trade certificates be recognized in Canada.

At a meeting of the Board at Toronto, 24th October, referring to engineers holding second and third class certificates, who have allowed their certificates to lapse, and desire their renewal, but are not qualified, under the Act of 1882, to pass examination, it is decided that such candidates may obtain a renewal of their papers, on proof of good character and competency for the position.

#### BOARD MEETING AT MONTREAL.

A quorum met at Montreal, 18th November. Present—Messrs. Burgess, Samson, Adams, and the chairman.

The business of the meeting was chiefly confined to the examination of engineer candidates, and renewal of certificates to qualified engineers.

You will be pleased to learn that the operation of that portion of the Act of 1882 which applies to the construction and manufacture of marine boilers has been in the highest degree satisfactory. Assuming the material to be of the best quality, we may safely say that the boilers turned out, under the provisions of that Act, as first-class, cannot be surpassed for safety and durability. This is generally acknowledged by owners and engineers of steamboats, while the manufacturer is assured that good workmanship and material is recognized.

#### CASUALTIES INVOLVING LOSS OF LIFE.

Except the loss of four lives by collision of the C. P. R. steamer *Alberta* with the United States steamer *J. M. Osborne*, in July last (three of these belonged to the *Osborne* and one to the *Alberta*), we have cause to be grateful for exemption in this respect over previous years.

#### CASUALTIES NOT INVOLVING LOSS OF LIFE.

##### ONTARIO, HURON AND SUPERIOR DIVISION.

Steamer *Europe*, burnt 20th April.

Steamer *Argyle*, sunk in May, raised and repaired; *California* stranded.

C. P. R. steamer *Alberta* collided with the United States steamer *Pacific*.

Steam barge *C. N. Pratt*, engine disabled.

Steamer *A. Neff*, engine disabled.

Tug *Jerome*, burnt.

Steam barge *Victoria*, stranded in Lake Huron, in October.

Steam ferry *Essex*, upper works burnt.

Steam barge *Tecumseth*, stranded in Michael's Bay, Lake Huron, late in November.

Passenger steamer *City of Owen Sound*, stranded at Michipicoten River, 24th November, where she now lies.

Steam barge *Isaac May*, lost her rudder on Lake Superior.

Steam barge *Fortune*, stranded off Long Point, Lake Erie. Total loss.

Steam barge *Erin*, struck a rock off Keewenaw Point, Lake Superior, 2nd December. Was got off.

Steam yacht *Lively*, burnt at St. Catharines.

## KINGSTON DIVISION.

Steamer *Victoria*, Kingston, Ont., burnt when fitting out in the spring.

Steam ferry steamer *Prince Edward*, burnt at the wharf, Belleville. Total loss.

Steam tug *H. B. Sherwood*, burnt on the Bay of Quinte. Total loss.

Steamer *Hastings*, broken shaft.

Steamer *John A. McDonald*, broken shaft.

## MONTREAL DIVISION.

Steamer *Alhure*, partially burnt at Carillon.

## QUEBEC DIVISION.

Steamer *Saguenay*, burnt at the wharf, Quebec; supposed to be caused by the explosion of a coal oil lamp.

Steam tug *C. G. Jones*, burnt while under way near Quebec.

## MARITIME PROVINCES DIVISION.

Steam tug *Victor*, run into and sunk at St. John, N. B.

Steamer ferry boat *Maggie Noble*, burnt at the wharf at Rothesay, N. B.

## MANITOBA AND KEEWATIN DIVISION.

Steamer *Lily*, sunk at the South Saskatchewan.

## BRITISH COLUMBIA DIVISION.

No casualties reported.

NUMBER of Steam Vessels in the Dominion during the Year 1884, with the Gross Tonnage in the several Divisions.

| Divisions.                             | No. | Tons.      |
|--|-----|------------|
| West Ontario, Huron and Superior ..... | 258 | 51,347·20  |
| Kingston .....                         | 126 | 13,794·00  |
| Montreal .....                         | 132 | 21,381·00  |
| Quebec .....                           | 150 | 31,638·00  |
| Maritime Provinces .....               | 117 | 13,531·00  |
| Manitoba and Keewatin .....            | 50  | 6,935·71   |
| British Columbia .....                 | 58  | 11,484·77  |
| Total .....                            | 891 | 150,111·68 |

RECEIPTS on account of Steamboat Inspection during the Year ended 31st December, 1884.

|  | \$            | cts.      |
|--|---------------|-----------|
| West Ontario, Huron and Superior ..... | 3,994         | 48        |
| Kingston .....                         | 1,157         | 80        |
| Montreal.....                          | 1,512         | 28        |
| Quebec.....                            | 2,116         | 84        |
| Maritime Provinces .....               | 1,307         | 68        |
| Manitoba and Keewatin .....            | 516           | 18        |
| British Columbia .....                 | 992           | 13        |
| Engineers' Fees .....                  | 11,597        | 39        |
|  | 1,986         | 00        |
| <b>Total Receipts.....</b>             | <b>13,583</b> | <b>39</b> |

ENGINEERS' CERTIFICATES issued during the Year 1884, and Grade.

|                    |            |
|--------------------|------------|
| First class .....  | 27         |
| Second class ..... | 203        |
| Third class .....  | 475        |
| <b>Total.....</b>  | <b>705</b> |

I have the honour to be, Sir, your most obedient servant,

SAMUEL RISLEY,

*Chairman Board of Steamboat Inspection.*

STEAMBOAT Engineers' Examinations and Renewals during the Year ended 31st December, 1884, the name of the Engineer, Class, and the Fee Paid.

| Name of Engineer.                        | Class. | Fee. | Name of Engineer.       | Class. | Fee. |
|--|--------|------|-------------------------|--------|------|
| 1883—Renewals paid during the year 1884. |        |      |                         |        |      |
| <b>B.</b>                                |        |      | <b>L.</b>               |        |      |
| Brown, Abraham J.....                    | 3      | 5    | Lacroix, Urbain .....   | 2      | 5    |
| Brulé, Henry .....                       | 3      | 5    | Lemai, Isaie .....      | 3      | 5    |
| <b>C.</b>                                |        |      | <b>M.</b>               |        |      |
| Clement, Charles.....                    | 3      | 5    | Lapointe, Frank .....   | 3      | 5    |
| Chater, Thomas .....                     | 3      | 5    | Long, John A.....       | 3      | 5    |
| Campbell, John W.....                    | 3      | 5    | <b>Mc.</b>              |        |      |
| <b>E.</b>                                |        |      | <b>N.</b>               |        |      |
| Ewen, Oliver .....                       | 2      | 5    | McMillan, William ..... | 3      | 5    |
| Eldridge, John W.....                    | 3      | 5    | McLean, David .....     | 2      | 5    |
| Elliott, Thos. ....                      | 2      | 5    | <b>R.</b>               |        |      |
| <b>F.</b>                                |        |      | <b>T.</b>               |        |      |
| Fréchette, William .....                 | 2      | 5    | Noël, Hypolite.....     | 3      | 5    |
| <b>J.</b>                                |        |      | <b>R.</b>               |        |      |
| James, James.....                        | 3      | 1    | Rousseau, Elizé.....    | 3      | 5    |
| <b>L.</b>                                |        |      | <b>R.</b>               |        |      |
| Lapointe, Eusèbe.....                    | 3      | 5    | Ritter, Arthur E.....   | 3      | 5    |
|  |        |      | <b>T.</b>               |        |      |
|  |        |      | Tardif, Napoléon .....  | 3      | 5    |

**STEAMBOAT Engineers' Examinations and Renewals during the Year ended 31st December, 1884, the Name of the Engineer, Class, and the Fee Paid.**

| Name of Engineer.         | Class. | Fee. | Name of Engineer.       | Class. | Fee. |
|---------------------------|--------|------|-------------------------|--------|------|
| 1884.                     |        | \$   | 1884.                   |        | \$   |
| <b>A</b>                  |        |      | <b>B</b>                |        |      |
| Anderson, James P.....    | 3      | 5    | Booth, John.....        | 2      | 5    |
| Alexander, Niel S.....    | 2      | 5    | Bourke, Michael.....    | 3      | 5    |
| Arpin, Louis.....         | 1      | 5    | Barlow, Thomas.....     | 2      | 5    |
| Arnold, John.....         | 3      | 5    | Boucher, Paul.....      | 3      | 5    |
| Armstrong, John.....      | 3      | 5    | Beaudoin, Napoleon..... | 3      | 1    |
| Anderson, James.....      | 3      | 5    | Beaucage, Eli.....      | 3      | 1    |
| Atkins, William.....      | 3      | 1    | Boudoin, Luc.....       | 3      | 1    |
| Audette, Pierre.....      | 3      | 1    | Bracken, James.....     | 3      | 1    |
| Anderson, Gavin.....      | 3      | 1    | Boufort, Xavier.....    | 3      | 1    |
| Adams, Thos. A.....       | 3      | 5    | Bolduc, Jean Bpte.....  | 3      | 1    |
| Allan, Bradford.....      | 3      | 1    | Belanger, Eugène.....   | 3      | 1    |
| Allison, James L.....     | 3      | 1    | Belanger, Germain.....  | 3      | 1    |
| Arcand, John.....         | 2      | 1    | Befort, Francis.....    | 3      | 1    |
|                           |        |      | Blanchette, Dezire..... | 3      | 1    |
| <b>B</b>                  |        |      | Belanger, Philias.....  | 3      | 1    |
| Belson, William.....      | 2      | 5    | Barron, George.....     | 2      | 5    |
| Brown, George, No. 3..... | 3      | 5    | Boucher, Alexander..... | 3      | 1    |
| Benson, Thomas.....       | 3      | 5    | Belaire, François.....  | 3      | 1    |
| Bellefeuille, Clovis..... | 3      | 5    | Bothwell, George.....   | 3      | 1    |
| Beaudette, Noel.....      | 3      | 5    | Beiler, G. F.....       | 3      | 5    |
| Bampton, William.....     | 3      | 5    | Boone, Jared.....       | 3      | 1    |
| Brown, James H.....       | 2      | 5    | Boner, John.....        | 3      | 1    |
| Braund, Henry.....        | 2      | 5    | Brisbin, Samuel.....    | 3      | 1    |
| Brown, James, No. 2.....  | 3      | 5    | Brulé, Henry.....       | 3      | 1    |
| Boyd, Isaac.....          | 2      | 5    | Black, William A.....   | 2      | 1    |
| Bell, James.....          | 3      | 5    | Boyd, David.....        | 3      | 1    |
| Bennett, Alfred.....      | 2      | 5    | Bourgeois, Charles..... | 3      | 1    |
| Blair, William.....       | 3      | 5    | Burrows, George.....    | 3      | 1    |
| Brackenridge, J. A.....   | 2      | 5    | Brownrigg, John.....    | 3      | 1    |
| Banks, Erastus.....       | 3      | 5    | Batte, George.....      | 3      | 1    |



STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

| Name of Engineer.          | Class. | Fee. | Name of Engineer.               | Class. | Fee. |
|----------------------------|--------|------|---------------------------------|--------|------|
| 1884.                      |        |      | 1884.                           |        |      |
| <b>B.</b>                  |        |      | <b>C.</b>                       |        |      |
|                            |        | \$   |                                 |        | \$   |
| Blondin, Moses.....        | 2      | 1    | Chater, Thomas.....             | 3      | 5    |
| Brunette, Cyprien.....     | 3      | 1    | Cole, Thomas Bonney.....        | 3      | 5    |
| Burk, Francis.....         | 3      | 1    | Cunningham, Wm. H.....          | 2      | 1    |
| Batchelder, William S..... | 3      | 5    | Catline, M. H.....              | 2      | 1    |
| Bedard, Edward.....        | 3      | 1    | Carrick, John.....              | 2      | 1    |
| Butler, Peter Marus.....   | 2      | 5    | Cameron, Duncan.....            | 3      | 5    |
| <b>C.</b>                  |        |      | Carboneau, P.....               | 2      | 1    |
| Cook, Alexander.....       | 3      | 5    | Castin, Frederick.....          | 3      | 1    |
| Cockburn, John.....        | 2      | 5    | Cartier, Phillipe.....          | 3      | 1    |
| Caldwell, James.....       | 2      | 5    | Caswell, Henry H.....           | 3      | 1    |
| Charland, Pierre.....      | 3      | 5    | Cremer, Charles Geo.....        | 3      | 5    |
| Cayen, Jean.....           | 2      | 5    | Cook, Richard.....              | 3      | 1    |
| Clement, Charles.....      | 3      | 5    | Cragin, James.....              | 2      | 1    |
| Crandell, Franklin.....    | 2      | 5    | Charland, Hermenegilde.....     | 3      | 1    |
| Chapman, John.....         | 3      | 5    | Castonguay, Ernest.....         | 3      | 1    |
| Crossland, James.....      | 2      | 5    | Catara, Emanuel.....            | 3      | 1    |
| Conrick, Thomas.....       | 3      | 5    | Clark, James.....               | 3      | 1    |
| Cohen, Frank.....          | 3      | 5    | Chestnut, James.....            | 2      | 1    |
| Clawson, James.....        | 3      | 5    | Chapdelaine, François, jun..... | 2      | 1    |
| Charbonneau, Alfred.....   | 1      | 5    | Cloutier, Joseph.....           | 3      | 1    |
| Cook, William.....         | 3      | 5    | Cumming, Charles.....           | 3      | 1    |
| Carl, Milo A.....          | 3      | 5    | Cox, Charles Ernest.....        | 1      | 5    |
| Coons, Alfred.....         | 3      | 5    | Cumming, John C.....            | 1      | 5    |
| Calcott, William.....      | 2      | 5    | Cheyne, John F.....             | 3      | 5    |
| Campbell.....              | 3      | 5    | Caldwell, E. F.....             | 2      | 1    |
| Cameron, James.....        | 2      | 5    | Campbell, John Wm.....          | 3      | 1    |
| Carter, De Witt.....       | 3      | 5    | Contois, John.....              | 3      | 5    |
| Cochran, George.....       | 3      | 5    | <b>D.</b>                       |        |      |
| Cameron, Angus A.....      | 3      | 5    | Downey, John, No. 2.....        | 3      | 1    |
| Cameron, Allan J.....      | 2      | 5    | Duval, Francis.....             | 3      | 5    |

STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

| Name of Engineer.          | Class. | Fee. | Name of Engineer.        | Class. | Fee. |
|----------------------------|--------|------|--------------------------|--------|------|
| 1884.                      |        |      | 1884.                    |        |      |
| <b>D</b>                   |        |      | <b>D</b>                 |        |      |
| Donaldson, F. W.....       | 3      | 5    | Downey, John, No. 1..... | 3      | 1    |
| Dee, John .....            | 2      | 5    | Dunham, Isaac.....       | 3      | 1    |
| Dickson, John H.....       | 2      | 5    | Drysdale, James S.....   | 1      | 5    |
| Derry, William .....       | 2      | 5    | Devan, William.....      | 3      | 1    |
| Dodds, John .....          | 2      | 5    | <b>E</b>                 |        |      |
| Doran, John .....          | 2      | 5    | Ellis, James H.....      | 2      | 5    |
| Dunn, Charles George ..... | 2      | 5    | Edgar, James.....        | 3      | 5    |
| Demers, Joseph.....        | 3      | 5    | Eldridge, John W.....    | 3      | 5    |
| Dungan, John .....         | 2      | 5    | Elliott, Thomas.....     | 2      | 1    |
| Dungan, James .....        | 2      | 5    | Ellison, John .....      | 3      | 1    |
| Ducap, Mathais.....        | 2      | 5    | Edmonds, William.....    | 3      | 1    |
| Dawson, Josiah.....        | 3      | 1    | Emerson, Samuel .....    | 3      | 5    |
| Dougherty, Joseph.....     | 3      | 5    | Evans, Wm. B.....        | 2      | 1    |
| Ducap, Ulric.....          | 3      | 1    | Esdale, John P.....      | 2      | 5    |
| Dumas, Alexis.....         | 3      | 1    | <b>F</b>                 |        |      |
| Ducharme, Alexis .....     | 3      | 1    | Fortin, Antoine.....     | 3      | 5    |
| Dumas, Laurent .....       | 2      | 1    | Fournier, Joseph .....   | 3      | 5    |
| Davidson, John.....        | 2      | 1    | Fox, Edward William..... | 3      | 5    |
| Dunn, Henry .....          | 3      | 1    | Feightern, Joseph .....  | 3      | 5    |
| Dion, Michel .....         | 2      | 1    | Free, Henry .....        | 2      | 5    |
| Denis, Edward .....        | 3      | 1    | Filteau, Octave.....     | 2      | 5    |
| Daly, William .....        | 2      | 1    | Frechette, William.....  | 2      | 5    |
| Dowser, Charles .....      | 3      | 1    | Foster, Robert .....     | 2      | 5    |
| Doan, Moses .....          | 3      | 1    | Foster, D. M .....       | 3      | 5    |
| Dion, Leon .....           | 3      | 1    | Feetum, C. C.....        | 2      | 5    |
| Denis, Edward, sen.....    | 2      | 1    | Fraser, A. M.....        | 2      | 1    |
| Drew, Nathaniel.....       | 2      | 1    | Fraser, Cameron .....    | 3      | 1    |
| Dennis, François.....      | 3      | 1    | Fraser, David.....       | 3      | 1    |
| Dennison, John.....        | 3      | 1    | Fugère, Narcisse.....    | 3      | 1    |
| Dawson, Henry .....        | 3      | 1    |                          |        |      |

STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

| Name of Engineer.           | Class. | Fee. | Name of Engineer.       | Class. | Fee. |
|-----------------------------|--------|------|-------------------------|--------|------|
| 1883.                       |        |      | 1884.                   |        |      |
| <b>F</b>                    |        |      | <b>G</b>                |        |      |
|                             |        | \$   |                         |        | \$   |
| Fahey, Patrick J. ....      | 3      | 1    | Gourdain, Dosithe ..... | 3      | 1    |
| Fortin, John .....          | 2      | 1    | Grylls, John .....      | 3      | 1    |
| Fillion, Paul .....         | 3      | 1    | Good, Thomas .....      | 3      | 1    |
| Fowler, Jasper .....        | 2      | 1    | Goodyer, Charles.....   | 3      | 1    |
| <b>G</b>                    |        |      | <b>H</b>                |        |      |
| Gowan, John W. ....         | 3      | 5    | Heverley, Silas .....   | 3      | 5    |
| Germain, Solomon .....      | 3      | 5    | Hoyer, Marcus.....      | 3      | 5    |
| Gill, Alfred M. ....        | 3      | 5    | Harrington, John .....  | 3      | 5    |
| Ginac, Alfred.....          | 2      | 5    | Hazlett, George.....    | 3      | 5    |
| Goyette, Charles .....      | 3      | 5    | Henderson, George ..... | 3      | 5    |
| Girard, Edward .....        | 2      | 5    | Hathaway, H. A. ....    | 1      | 5    |
| Gillie, James .....         | 2      | 5    | Hickey, Thomas .....    | 2      | 5    |
| Glandiu, F. X. ....         | 2      | 5    | Horgan, Thomas.....     | 3      | 5    |
| Goulette, Ambroise .....    | 2      | 5    | Head, Thomas.....       | 2      | 5    |
| Gray, William.....          | 3      | 5    | Hill, Moses .....       | 3      | 5    |
| Gorrell, Charles .....      | 3      | 5    | Hamilton, Gavin.....    | 3      | 5    |
| Gray, J. H. D.....          | 2      | 1    | Haviland, Geo. T.....   | 3      | 1    |
| Gill, J. A.....             | 3      | 1    | Haviland, Thomas.....   | 3      | 1    |
| Gaily, Andrew.....          | 3      | 1    | Hiscock, Edward C. .... | 3      | 1    |
| Greig, Charles .....        | 2      | 5    | Hough, Edwin.....       | 3      | 5    |
| Gendron, Charles .....      | 2      | 1    | Hanice, Ferdinand ..... | 3      | 1    |
| Grooms, Asael.....          | 3      | 1    | Hamel, Urbain.....      | 3      | 1    |
| Gallivan, John .....        | 3      | 1    | Howard, John .....      | 2      | 1    |
| Godin, Leandre.....         | 3      | 1    | Hazlett, John .....     | 2      | 1    |
| Gendron, Francis, sen.....  | 2      | 1    | Hamel, Alfred .....     | 3      | 1    |
| Gendron, Francis, jun ..... | 3      | 1    | Hunter, Walter .....    | 3      | 1    |
| Gray, John .....            | 3      | 1    | Hodgins, Joseph.....    | 3      | 1    |
| Gill, Justus.....           | 3      | 1    | Huff, George.....       | 3      | 5    |
| Grant, Gordon F.....        | 2      | 1    | Hickey, James.....      | 2      | 1    |
| Gerard, Jerry .....         | 3      | 1    | Hughes, Charles R.....  | 2      | 5    |

STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

| Name of Engineer.            | Class. | Fee. | Name of Engineer.        | Class. | Fee. |
|------------------------------|--------|------|--------------------------|--------|------|
| 1884.                        |        |      | 1884.                    |        |      |
| <b>H</b>                     |        |      | <b>K</b>                 |        |      |
| Hallersby, Edward.....       | 1      | 5    | Keating, W. W.....       | 3      | 5    |
| Huffa, John.....             | 3      | 1    | Kelly, John, No. 1.....  | 3      | 1    |
| Hamelin, Zépherin.....       | 3      | 1    | Kerr, Atcheson, jun..... | 3      | 1    |
| Hamelin, Hercule.....        | 3      | 1    | <b>L</b>                 |        |      |
| Hardy, Cyrus.....            | 3      | 1    | Laclere, Joseph.....     | 3      | 5    |
| <b>J</b>                     |        |      | Larivière, Pierre.....   | 2      | 5    |
| Jento, Napoleon T.....       | 3      | 5    | Lewis, James.....        | 3      | 5    |
| Jones, Hiram B.....          | 3      | 5    | Lawrence, Peter.....     | 3      | 5    |
| Jento, Timothy.....          | 2      | 5    | Leitch, Tnomas.....      | 2      | 5    |
| Johnson, William.....        | 3      | 5    | Lockerbie, William.....  | 1      | 5    |
| Jean-Marie, Jean.....        | 3      | 5    | Littlebury, John A.....  | 3      | 5    |
| Judson, William H.....       | 3      | 1    | Lafrinière, Barnaby..... | 3      | 5    |
| Jones, William M.....        | 3      | 1    | Lamothe, Octave.....     | 3      | 1    |
| Johnston, Gilbert.....       | 2      | 1    | Lapointe, Eusèbe.....    | 3      | 1    |
| Johnson, John.....           | 2      | 1    | Lucier, Raphael.....     | 2      | 1    |
| Jacques, Siméon.....         | 3      | 1    | Linter, Charles.....     | 2      | 1    |
| Jimason, Isaac.....          | 3      | 1    | Lacroix, Trefle.....     | 2      | 1    |
| Jacobs, Silas H.....         | 3      | 1    | Lafleur, Xavier.....     | 2      | 1    |
| Julien, Ludger.....          | 3      | 1    | Lavallée, Charles.....   | 3      | 1    |
| James, James.....            | 3      | 1    | Lavallée, Alfred.....    | 3      | 1    |
| Jeffcott, John Edward.....   | 2      | 5    | Lawler, William.....     | 3      | 5    |
| <b>K</b>                     |        |      | Luke, W. G.....          | 3      | 1    |
| Kelley, John, No. 2.....     | 3      | 5    | Lavallée, Narcisse.....  | 3      | 1    |
| Kirkpatrick, David M.....    | 3      | 5    | Lavery, Wilson.....      | 2      | 5    |
| Kenny, Robert.....           | 2      | 5    | Lacroix, Urbain.....     | 2      | 1    |
| Kinnon, John.....            | 3      | 5    | Lapointe, Frank.....     | 3      | 1    |
| Kennedy, Wm., No. 3.....     | 2      | 5    | L'Heureux, Arthur.....   | 3      | 5    |
| Kirkpatrick, Neil.....       | 3      | 5    | Lamerville, Achille..... | 3      | 1    |
| Kennedy, William, No. 1..... | 2      | 1    | Lamotte, Olivier.....    | 3      | 1    |
|                              |        |      | Lee, Fred. A.....        | 3      | 1    |

STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

| Name of Engineer.            | Class. | Fee. | Name of Engineer.             | Class. | Fee. |
|------------------------------|--------|------|-------------------------------|--------|------|
| 1884.                        |        |      | 1884.                         |        |      |
| <b>L</b>                     |        |      | <b>M</b>                      |        |      |
| Lacombe, Alfred.....         | 3      | 1    | Menish, George.....           | 2      | 1    |
| Leclaire, Jean Baptiste..... | 3      | 1    | Marchand, Narcisse.....       | 3      | 1    |
| Long, John A.....            | 3      | 1    | Martin, Joseph.....           | 3      | 1    |
| Lard, Joseph Gideon.....     | 3      | 1    | Mathieu, Thomas.....          | 2      | 1    |
| Latulipe, Michael.....       | 3      | 1    | Matte, Charles.....           | 2      | 1    |
| <b>M</b>                     |        |      | Mandville, François, sen..... | 2      | 1    |
| Morrison, Angus.....         | 3      | 5    | Morreau, Lewis.....           | 3      | 1    |
| Marchand, Hilaire.....       | 3      | 5    | Matte, John, No. 1, jun.....  | 2      | 1    |
| Morin, Pierre.....           | 3      | 5    | Maudville, Francis, jun.....  | 3      | 1    |
| Merrill, Thomas H.....       | 3      | 5    | Matte, John, No. 2, jun.....  | 3      | 1    |
| Munro, George.....           | 1      | 5    | Marchand, Edward.....         | 2      | 1    |
| Mills, Thomas.....           | 3      | 5    | Michaud, Achille.....         | 3      | 1    |
| May, John.....               | 1      | 5    | Morton, William.....          | 3      | 1    |
| Mellon, George.....          | 3      | 5    | Mitchell, Thomas G.....       | 2      | 5    |
| Munro, Francis.....          | 1      | 5    | Matte, Thomas.....            | 3      | 1    |
| Murphy, Thomas, No. 1.....   | 3      | 5    | Madden, Jeremiah.....         | 2      | 1    |
| Miller, William.....         | 2      | 5    | Mathieu, Xavier.....          | 3      | 1    |
| Mundell, John.....           | 2      | 5    | Melotte, Pierre.....          | 3      | 1    |
| Miller, John.....            | 2      | 5    | Moffatt, Thomas.....          | 3      | 1    |
| Matthews, Jacob.....         | 3      | 5    | Murphy, Walter.....           | 3      | 1    |
| Morrison, William H.....     | 3      | 5    | Morrison, Thomas W.....       | 3      | 1    |
| Miller, S.....               | 3      | 5    | May, William.....             | 3      | 1    |
| Murray, James.....           | 2      | 5    | Madden, Michael.....          | 2      | 1    |
| Milne, Thomas.....           | 2      | 5    | Madigan, Benjamin.....        | 2      | 1    |
| Marshall, Robert.....        | 3      | 5    | Morrison, Kenneth.....        | 1      | 5    |
| Merrill, Fred.....           | 3      | 5    | Morris, James E.....          | 1      | 5    |
| Mitchell, James.....         | 3      | 5    | Marshall, James.....          | 3      | 1    |
| Matte, Jean Baptiste.....    | 3      | 5    | Morrison, Donald, No. 1.....  | 3      | 1    |
| Morrison, William.....       | 3      | 5    | Morreau, Guillaume.....       | 2      | 1    |
| Martell, William E.....      | 3      | 5    | Munson, William H.....        | 3      | 1    |

STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

| Name of Engineer.           | Class. | Fee. | Name of Engineer.          | Class. | Fee. |
|-----------------------------|--------|------|----------------------------|--------|------|
| 1884.                       |        |      | 1884.                      |        |      |
| <b>M</b>                    |        |      | <b>Mc</b>                  |        |      |
| Mayer, Christian .....      | 3      | 5    | McFarlane, Charles .....   | 2      | 1    |
| <b>Mc</b>                   |        |      | McPherson, Alexander ..... | 3      | 1    |
| McLeod, Kenneth .....       | 3      | 5    | McKenzie, William .....    | 3      | 1    |
| McGill, Jeremiah .....      | 2      | 5    | McDonald, Angus.....       | 3      | 1    |
| McMillan, John.....         | 1      | 5    | McDonald, J. C.....        | 3      | 1    |
| McRoberts, Alexander .....  | 2      | 5    | McNiel, John .....         | 3      | 1    |
| McDermid, Alexander .....   | 3      | 5    | McInnes, Duncan .....      | 3      | 5    |
| McRae, Alexander .....      | 3      | 5    | McKee, John .....          | 3      | 1    |
| McKean, Edward W. ....      | 3      | 5    | McMaugh, Arthur W. ....    | 2      | 1    |
| McQuade, David .....        | 2      | 5    | <b>N</b>                   |        |      |
| McGregor, Wm. A. ....       | 3      | 5    | Noyes, John O. ....        | 3      | 5    |
| McBride, Archibald .....    | 2      | 5    | Norton, F. J. ....         | 3      | 5    |
| McBride, Robert .....       | 3      | 5    | Norval, Robert .....       | 2      | 5    |
| McBride, Thomas .....       | 2      | 5    | Nimmo, Thomas .....        | 3      | 5    |
| McCaul, Robert.....         | 2      | 5    | Nadeau, Jean.....          | 3      | 1    |
| McFaul, Michael, sen .....  | 3      | 5    | Noel, Hypolite .....       | 3      | 1    |
| McLeod, Alexander .....     | 3      | 5    | Newton, James .....        | 3      | 1    |
| McKennon, A. ....           | 3      | 5    | Neill, Andrew .....        | 2      | 1    |
| McCarthy, Daniel.....       | 3      | 5    | <b>O</b>                   |        |      |
| McLeod, David .....         | 3      | 5    | O'Niell, Thomas .....      | 3      | 5    |
| McCracken, Jos. T.....      | 3      | 5    | O'Rielly, James .....      | 2      | 1    |
| McDougall, James .....      | 3      | 5    | O'Brien, Lawrence .....    | 2      | 1    |
| McMaugh, Wm. J.....         | 2      | 5    | O'Rielly, Thomas .....     | 2      | 1    |
| McQuade, Henry.....         | 3      | 5    | <b>P</b>                   |        |      |
| McCallum, John .....        | 2      | 5    | Park, Joseph .....         | 2      | 5    |
| McLean, David .....         | 2      | 5    | Park, James M.....         | 3      | 5    |
| McSorley, Charles .....     | 3      | 5    | Pirie, Alexander .....     | 2      | 5    |
| McLeod, John N. ....        | 3      | 5    | Parent, Isaac J.....       | 3      | 5    |
| McNabb, John .....          | 3      | 1    | Pettigrew, George .....    | 2      | 5    |
| McArthur, James, N. 2. .... | 3      | 1    |                            |        |      |

## STEAMBOAT Engineers' Examinations and Renewals, &amp;c.—Continued.

| Name of Engineer.          | Class. | Fee. | Name of Engineer.       | Class | Fee. |
|----------------------------|--------|------|-------------------------|-------|------|
| 1884.                      |        | \$   | 1884.                   |       | \$   |
| <b>P</b>                   |        |      | <b>R</b>                |       |      |
| Piché, George .....        | 3      | 5    | Robitaille, Louis ..... | 3     | 5    |
| Potvin, Jean Baptiste..... | 3      | 5    | Rennie, Robert .....    | 3     | 5    |
| Paterson, Joseph .....     | 2      | 5    | Ramsay, Alexander.....  | 2     | 5    |
| Parker, William .....      | 3      | 5    | Roy, François .....     | 3     | 5    |
| Pierce, William.....       | 3      | 5    | Rowe, Frank H.....      | 3     | 5    |
| Perkins, Edward .....      | 3      | 5    | Ritchie, William .....  | 3     | 5    |
| Price, A. E.....           | 3      | 5    | Robson, William .....   | 2     | 5    |
| Paterson, John .....       | 1      | 5    | Reynolds, George .....  | 3     | 5    |
| Paquette, Jéremie.....     | 2      | 5    | Revel, John.....        | 3     | 5    |
| Purcell, John P. ....      | 3      | 1    | Ryan, Thomas, jun.....  | 3     | 1    |
| Piche, Ferdinand .....     | 2      | 1    | Roy, Ludger .....       | 3     | 5    |
| Paré, Joseph .....         | 3      | 1    | Rouleau, Médéric .....  | 3     | 1    |
| Pugh, Fred.....            | 2      | 5    | Ross, John, No. 1.....  | 3     | 1    |
| Paquin, Trefle .....       | 3      | 1    | Rodman, Joseph.....     | 3     | 1    |
| Piché, Napoleon .....      | 2      | 1    | Roy, Alfred.....        | 3     | 1    |
| Porter, Ernest John.....   | 1      | 5    | Russel, James .....     | 3     | 1    |
| Paul, Francis.....         | 3      | 1    | Ritter, Arthur E. ....  | 3     | 1    |
| Payne, Wash'n G.....       | 3      | 5    | Ryan, J. W.....         | 3     | 1    |
| Patterson, Robert.....     | 2      | 5    | Racicot, Antoine .....  | 3     | 1    |
|                            |        |      | Ross, John, No. 3.....  | 3     | 1    |
| <b>Q</b>                   |        |      | Robertson, John.....    | 3     | 1    |
| Quinn, Patrick .....       | 3      | 5    | Reed, William .....     | 3     | 5    |
| Quig, Samuel .....         | 2      | 5    | Rooney, William H.....  | 3     | 1    |
| Quig, John .....           | 3      | 5    | Ross, John .....        | 1     | 5    |
| Quinn, Henry.....          | 3      | 1    | Rosseau, Elizé.....     | 3     | 1    |
| Quinn, Michael.....        | 2      | 1    | Robinson, John.....     | 3     | 1    |
|                            |        |      | Reynolds, Jas. F .....  | 2     | 5    |
| <b>R.</b>                  |        |      | <b>S.</b>               |       |      |
| Robertson, Charles .....   | 3      | 5    | Smith, Fred. E.....     | 2     | 5    |
| Racotte, Moses .....       | 3      | 5    |                         |       |      |

STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

| Name of Engineer.            | Class. | Fee. | Name of Engineer.         | Class. | Fee. |
|------------------------------|--------|------|---------------------------|--------|------|
| 1884.                        |        | \$   | 1884.                     |        | \$   |
|                              |        |      | <b>T</b>                  |        |      |
| Stephen, David .....         | 2      | 5    | Trotter, Wm. F. ....      | 3      | 5    |
| Smith, Hanford .....         | 3      | 5    | Thurston, Henry .....     | 2      | 5    |
| Sangster, Charles .....      | 3      | 5    | Taylor, Henry .....       | 3      | 5    |
| Smith, Thomas .....          | 3      | 5    | Thompson, George .....    | 3      | 5    |
| Somerville, Samuel .....     | 3      | 5    | Tate, James G. ....       | 2      | 5    |
| Stevens James .....          | 3      | 5    | Towasend, William .....   | 3      | 5    |
| Salter, W. H. ....           | 2      | 5    | Taylor, Joseph F. ....    | 1      | 5    |
| Smith, William .....         | 3      | 5    | Tanguay, Isidore .....    | 2      | 1    |
| Snell, Robert .....          | 3      | 5    | Thibodeau, Alexis .....   | 3      | 1    |
| Stewart, James .....         | 3      | 5    | Thompson, William .....   | 3      | 1    |
| Sutherland, William .....    | 3      | 1    | Tower, W. H. ....         | 3      | 1    |
| Samson, Ernest .....         | 2      | 1    | Thornton, John .....      | 3      | 1    |
| Sims, J. C. ....             | 3      | 5    | Thompson, J. H. ....      | 1      | 5    |
| Steadworthy, Wm. ....        | 2      | 1    | Tardie, Napoleon .....    | 3      | 1    |
| Scott, Walter .....          | 2      | 1    |                           |        |      |
| Smith, James Gray .....      | 3      | 1    | <b>V.</b>                 |        |      |
| Sheridan, Michael .....      | 3      | 1    | Vreeland, David .....     | 2      | 5    |
| Smiley, John .....           | 3      | 1    | Van Bramer, James .....   | 3      | 1    |
| Spinard, Jean Baptiste ..... | 3      | 1    |                           |        |      |
| Stalker, Hugh .....          | 3      | 1    | <b>W.</b>                 |        |      |
| Samson, Odinée .....         | 3      | 1    | White, John .....         | 3      | 5    |
| Sullivan, Chas. A. ....      | 3      | 1    | Walton, Thomas .....      | 3      | 5    |
| Sullivan, J. W. ....         | 3      | 1    | Warren, Augustus .....    | 2      | 5    |
| Seguin, Jean Baptiste .....  | 2      | 1    | Warner, Christopher ..... | 3      | 5    |
| Smith, Wm. H. ....           | 3      | 1    | Weir, Robert .....        | 3      | 5    |
| St. Michael, August .....    | 3      | 5    | Wells, Joseph .....       | 2      | 5    |
| St. Michael, Charles .....   | 2      | 5    | Whitty, D. T. K. ....     | 3      | 5    |
| <b>T.</b>                    |        |      | Wilson, James .....       | 3      | 5    |
| Turner, James .....          | 1      | 5    | Walsh, William .....      | 1      | 5    |
| Todd, William .....          | 3      | 5    | Williamson, Andrew .....  | 3      | 5    |
|                              |        |      | White, James L. ....      | 3      | 5    |



STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

| Name of Engineer.         | Class. | Fee. | Name of Engineer.         | Class. | Fee. |
|---------------------------|--------|------|---------------------------|--------|------|
| 1884.                     |        |      | 1884.                     |        |      |
| W.                        |        | \$   | W.                        |        | \$   |
| Wells, William .....      | 3      | 1    | Wilcox, David.....        | 3      | 1    |
| Webster, William.....     | 2      | 1    | Waring, William Lee ..... | 1      | 5    |
| Wadsworth, Thomas.....    | 2      | 1    | Webster, Henry.....       | 3      | 5    |
| White, Frank.....         | 3      | 5    | Weir, Allan .....         | 3      | 1    |
| Williamson, Charles ..... | 2      | 1    | Warner, Archibald .....   | 1      | 5    |
| Wilson, William .....     | 3      | 1    | Wildar, Willard .....     | 2      | 1    |
| Wilson, S. T.....         | 2      | 1    | Wendt, John.....          | 3      | 5    |
| Wells, Starr S.....       | 3      | 1    | Walters, Arthur .....     | 1      | 5    |
| Wool, Joseph.....         | 3      | 1    |                           |        |      |

STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

| Name of Engineer.                             | Class. | Fee. | Name of Engineer.           | Class. | Fee. |
|---|--------|------|-----------------------------|--------|------|
| <i>Renewals during the Year 1884 for 1885</i> |        |      | <b>1885.</b>                |        |      |
| <b>1885:</b>                                  |        |      | <b>C</b>                    |        |      |
| <b>A</b>                                      |        |      | <b>D</b>                    |        |      |
| Audette, Pierre.....                          | 3      | 1    | Caswell, A. F.....          | 3      | 1    |
| Arcaud, John.....                             | 1      | 5    | Coutois, John.....          | 3      | 1    |
| Allan, Harmon.....                            | 2      | 1    | Castonguay, E.....          | 3      | 1    |
| <b>B</b>                                      |        |      | Charland, Herménégilde..... | 3      | 1    |
| Belanger, Eugène.....                         | 3      | 1    | Champagne, E., sen.....     | 2      | 1    |
| Boufort, Xavier.....                          | 3      | 1    | Carrick, John.....          | 2      | 1    |
| Brennan, Owen.....                            | 3      | 1    | Cunningham, W. H.....       | 2      | 1    |
| Bolduc, Jean Baptiste.....                    | 3      | 1    | Cragen, James.....          | 2      | 1    |
| Beaudoin, Napoleon.....                       | 3      | 1    | Charland, Pierre.....       | 3      | 1    |
| Belanger, Germain.....                        | 3      | 1    | Caldwell, Angus.....        | 3      | 1    |
| Boudoin, Luc.....                             | 3      | 1    | <b>D</b>                    |        |      |
| Belanger, Phillias.....                       | 3      | 1    | Dion, Michel.....           | 2      | 1    |
| Blanchette, Desiré.....                       | 3      | 1    | Dunn, Robert.....           | 3      | 5    |
| Beaudrean, Gilbert.....                       | 3      | 1    | Drysdale, Thomas.....       | 1      | 5    |
| Brunette, Cyprien.....                        | 3      | 1    | Derocher, Louis.....        | 2      | 1    |
| Boucher, Alexander.....                       | 3      | 1    | Denison, John.....          | 3      | 1    |
| Bellefeuille, Leon.....                       | 3      | 1    | Ducap, N.....               | 3      | 1    |
| Bedard, Edward.....                           | 2      | 5    | Denis, François.....        | 3      | 1    |
| Bellefeuille, Clovis.....                     | 3      | 1    | Daly, William.....          | 2      | 1    |
| Boucher, Paul.....                            | 2      | 5    | Dodds, John.....            | 2      | 1    |
| Boyd, George.....                             | 3      | 1    | Devan, William.....         | 3      | 1    |
| Battelle, Fred.....                           | 3      | 1    | <b>E</b>                    |        |      |
| Brown, George, No. 1.....                     | 3      | 1    | Esdaille, John P.....       | 2      | 1    |
| <b>C</b>                                      |        |      | Earle, Robert.....          | 3      | 1    |
| Cloutier, Joseph.....                         | 3      | 1    | Eraus, William B.....       | 2      | 1    |
| Clostin, Frederic.....                        | 3      | 1    | Estabrook, B. C.....        | 3      | 1    |
| Champagne, Joseph.....                        | 3      | 1    | <b>F</b>                    |        |      |
| Ostara, Emanuel.....                          | 3      | 1    | Fugère, Narcisse.....       | 3      | 1    |
|   |        |      | Frechette, William.....     | 2      | 1    |

## STEAMBOAT Engineers' Examinations and Renewals, &amp;c —Continued.

| Name of Engineer.        | Class. | Fee. | Name of Engineer.            | Class. | Fee. |
|--------------------------|--------|------|------------------------------|--------|------|
| 1885.                    |        |      | 1885                         |        |      |
| <b>F.</b>                |        |      | <b>L.</b>                    |        |      |
|                          |        | \$   |                              |        | \$   |
| Frenette, Alphonse ..... | 2      | 1    | Lafleur, Xavier.....         | 2      | 1    |
| Flanagan, John.....      | 2      | 1    | Lard, Joseph Gédéon.....     | 3      | 1    |
| <b>G</b>                 |        |      | Lapointe, Eusèbe .....       | 3      | 1    |
| Garneau, Romuald. ....   | 3      | 5    | Laverdier, François.....     | 3      | 1    |
| Gray, William .....      | 3      | 1    | Lacroix, Jean Bpte .....     | 3      | 5    |
| Germain, Solomon.....    | 3      | 1    | Lemere, Peter .....          | 2      | 1    |
| Gerard, Edward .....     | 2      | 1    | La Vallée, Alfred.....       | 3      | 1    |
| Gaity, Andrew .....      | 3      | 1    | Lepine, Isidore .....        | 3      | 1    |
| Gill, J. A .....         | 3      | 1    | Littlebury, John.....        | 3      | 1    |
| <b>H</b>                 |        |      | Lalonde, Alphonse.....       | 3      | 1    |
| Hamel, Constant .....    | 3      | 1    | Leclere, Joseph.....         | 3      | 1    |
| Hamilton, Gavin .....    | 2      | 5    | Lacerte, Roderick.....       | 3      | 1    |
| Haince, Ferdinand .....  | 3      | 1    | <b>M</b>                     |        |      |
| Hallada, Robert .....    | 3      | 1    | Morreau, Guillaume.....      | 2      | 1    |
| Hamelin, Zépherin.....   | 3      | 1    | Morreau, Louis .....         | 3      | 1    |
| Hamelin, Hercules .....  | 3      | 1    | Michauld, Achille.....       | 3      | 1    |
| Hebert, Paul .....       | 3      | 1    | Many, Edward.....            | 1      | 5    |
| Hazlett, John.....       | 2      | 1    | Mercier, Joseph.....         | 3      | 5    |
| <b>J</b>                 |        |      | Martin, Joseph.....          | 3      | 1    |
| Julien, Ludger .....     | 3      | 1    | Martin, Ernest.....          | 2      | 1    |
| Johnson, George.....     | 3      | 1    | Matte, John, sen.....        | 2      | 1    |
| Johnson, William.....    | 3      | 1    | Matte, John, jun .....       | 3      | 1    |
| <b>K</b>                 |        |      | Martineau, Joseph, sen.....  | 2      | 1    |
| Kenny, Patrick .....     | 3      | 1    | Martin, Pierre .....         | 3      | 1    |
| Kilcawley, Patrick.....  | 3      | 1    | Moublon, Eusèbe.....         | 3      | 1    |
| <b>L</b>                 |        |      | Munson, William H.....       | 3      | 1    |
| Lamotte, Octave.....     | 3      | 1    | Mussell, James.....          | 3      | 1    |
| Latalipe, Michel.....    | 3      | 1    | Marchand, Hilaire.....       | 3      | 1    |
|                          |        |      | Murphy, Martin.....          | 2      | 5    |
|                          |        |      | Morrison, Donald, No. 1..... | 3      | 1    |

STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

| Name of Engineer.         | Class. | Fee. | Name of Engineer.           | Class. | Fee. |
|---------------------------|--------|------|-----------------------------|--------|------|
| 1885.                     |        |      | 1885.                       |        |      |
| <b>M.</b>                 |        |      | <b>P.</b>                   |        |      |
| Mowry, Justus .....       | 3      | 1    | Pearce, William .....       | 2      | 5    |
| Morrill, Thomas H.....    | 3      | 1    | <b>Q.</b>                   |        |      |
| Miller, William.....      | 2      | 1    | Quinn, Henry.....           | 3      | 1    |
| Miller, John.....         | 2      | 1    | Quig, John.....             | 3      | 1    |
| Marchand, Adolphe.....    | 3      | 1    | Quigley, James.....         | 3      | 1    |
| <b>Mc.</b>                |        |      | <b>R.</b>                   |        |      |
| McMillan, William.....    | 2      | 5    | Ryan, Thomas.....           | 3      | 1    |
| McBride, Archibald .....  | 2      | 1    | Roy, Alfred.....            | 3      | 1    |
| McBride, Robert.....      | 3      | 1    | Rouleau, Médric.....        | 3      | 1    |
| McMaugh, A. W.....        | 2      | 1    | Robitaille, Louis .....     | 3      | 1    |
| McRobert, Alexander ..... | 2      | 1    | Robson, William.....        | 2      | 1    |
| <b>N.</b>                 |        |      | <b>S.</b>                   |        |      |
| Nadeau, Jean.....         | 3      | 1    | Samson, Arthur.....         | 3      | 5    |
| Noel, Hypolite .....      | 3      | 1    | Steadworthy, William.....   | 2      | 1    |
| Norval, Robert.....       | 2      | 1    | Sharidan, Michael.....      | 3      | 1    |
| Neill, Andrew.....        | 2      | 1    | Spinard, Jean Baptiste..... | 3      | 1    |
| Nisbet, John .....        | 2      | 1    | Sequin, Jean Baptiste.....  | 3      | 1    |
| <b>O.</b>                 |        |      | Simmons, Thomas.....        | 3      | 1    |
| Ouellette, François.....  | 3      | 1    | Somerville, Francis .....   | 2      | 1    |
| O'Neill, James.....       | 3      | 1    | Sims, John Calius.....      | 3      | 1    |
| O'Brien, Laurence.....    | 2      | 1    | Samson, Odience.....        | 3      | 1    |
| <b>P.</b>                 |        |      | Sutherland, David.....      | 2      | 1    |
| Patrie, Bartholomie.....  | 3      | 1    | Stewart, James .....        | 3      | 1    |
| Paré, Joseph.....         | 3      | 1    | Sullivan, William.....      | 3      | 1    |
| Paquin, Treffe.....       | 3      | 1    | Sommerville, Samuel.....    | 3      | 1    |
| Piché, Napoleon.....      | 2      | 1    | <b>T.</b>                   |        |      |
| Pete, Joseph.....         | 2      | 1    | Tanguay, Isidore.....       | 2      | 1    |
| Parker, William.....      | 3      | 1    | Tardie, Napoleon.....       | 3      | 1    |

STEAMBOAT Engineers' Examinations and Renewals, &c—Continued.

| Name of Engineer.             | Class. | Fee. | Name of Engineer.         | Class. | Fee. |
|-------------------------------|--------|------|---------------------------|--------|------|
| 1885.                         |        |      | 1885.                     |        |      |
| <b>T.</b>                     |        |      | <b>W.</b>                 |        |      |
| Thieriault, Francis, jun..... | 3      | 1    | Wells, William Firth..... | 1      | 5    |
| Todvin, Daniel.....           | 2      | 5    | Welch, Warner.....        | 3      | 5    |
| <b>U.</b>                     |        |      | Webster, Henry.....       | 3      | 1    |
| Utter, William C.....         | 3      | 1    | Wilson, William.....      | 3      | 1    |
| <b>W.</b>                     |        |      | Wildar, Willard.....      | 2      | 1    |
| Wells, William.....           | 3      | 1    | Wheeler, Fred. E.....     | 3      | 5    |
|                               |        |      | White, John.....          | 3      | 1    |

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STEAM Vessels Inspected for the Year ended 31st December, 1884.

WEST ONTARIO, LAKES HURON AND SUPERIOR DIVISION.

| Name of Vessel.          | Tonnage Dues and Inspection Fees paid. | Remarks.        | Name of Vessel.    | Tonnage Dues and Inspection Fees paid. | Remarks.           |
|--------------------------|--|-----------------|--------------------|--|--------------------|
|                          | \$ cts.                                |                 |                    | \$ cts.                                |                    |
| Niagara.....             | 23 72                                  | Screw, freight. | A. Neff.....       | 13 20                                  | do passenger.      |
| Bruno.....               | 24 00                                  | do do           | Meteor.....        | 21 44                                  | Paddle, tug.       |
| L. Shickluna.....        | 30 04                                  | do do           | Enterprise.....    | 41 00                                  | Screw, freight.    |
| Cuba.....                | 45 24                                  | do passenger.   | J. W. Steinloff... | 20 48                                  | do do              |
| Armenia.....             | 45 00                                  | do do           | Spartan.....       | 54 76                                  | Paddle, passenger. |
| California.....          | 44 08                                  | do do           | Minnie Hall.....   | 9 20                                   | Screw, tug.        |
| W. M. Alderson..         | 12 88                                  | do do           | James Clark.....   | 6 92                                   | do do              |
| Nellie May.....          | 5 45                                   | do fishing tug. | Fortune.....       | 16 32                                  | do freight.        |
| Tecumseh.....            | 38 60                                  | do freight.     | Athabasca.....     | 78 96                                  | do passenger.      |
| Pacific.....             | 41 72                                  | do passenger.   | Alberta.....       | 79 16                                  | do do              |
| Northern Belle...        | 28 52                                  | do do           | Algoma.....        | 78 96                                  | do do              |
| City of Owen Sound.....  | 51 72                                  | do do           | C. N. Pratt.....   | 17 84                                  | do freight.        |
| Atlantic.....            | 35 32                                  | do do           | S. R. Norcross.... | 5 44                                   | do tug.            |
| Othello.....             | 5 32                                   | do fishing tug. | Minnie Kidd.....   | 5 72                                   | do do              |
| Mary Ann.....            | 8 48                                   | do do           | Myrtie.....        | 11 24                                  | do passenger.      |
| Annie Clark.....         | 7 00                                   | do do           | Jennie G. Harper   | 5 80                                   | do tug.            |
| Maganettawan....         | 18 76                                  | do passenger.   | John Harrison....  | 6 76                                   | do do              |
| Wanbaushene....          | 8 88                                   | do tug.         | T. R. Secord.....  | 5 56                                   | do do              |
| Marshall and Murray..... | 5 64                                   | do do           | Leslie.....        | 5 44                                   | do do              |
| Severn.....              | 6 76                                   | do do           | Warton Belle... .. | 8 48                                   | do fish boat.      |
| Minnie Martin... ..      | 10 80                                  | do do           | Chas. Kellog.....  | 15 44                                  | do tug.            |
| H. L. Lovering...        | 7 20                                   | do do           | R. B. McPherson..  | 6 20                                   | do do              |
| Superior.....            | 8 54                                   | do do           | Nellie Cuthbert... | 7 36                                   | do passenger.      |
| Campana.....             | 59 52                                  | do passenger.   | Mary Beck.....     | 5 63                                   | do tug.            |
| Magnet.....              | 49 16                                  | Paddle do       | Kate Pilgrim.....  | 5 45                                   | do do              |
| Africa.....              | 34 08                                  | Screw do        | Georgian.....      | 23 08                                  | do freight.        |
| Frances Smith....        | 60 96                                  | Paddle do       | Wm. Ross.....      | 5 56                                   | do tug.            |
| W. T. Robb.....          | 14 72                                  | Screw, tug.     | Flight.....        | 6 48                                   | do do              |
|                          |  |                 | Carriella.....     | 6 40                                   | do passenger.      |

STEAM Vessels Inspected for the Year, &c.—West Ontario, &c., Division—Continued.

| Name of Vessel.    | Tonnage Dues and Inspection Fees paid. | Remarks.           | Name of Vessel.      | Tonnage Dues and Inspection Fees paid. | Remarks.           |
|--------------------|--|--------------------|----------------------|--|--------------------|
|                    | \$ cts.                                |                    |                      | \$ cts.                                |                    |
| Victoria.....      | 7 56                                   | Screw tug.         | Como .....           | 8 00                                   | Paddle, tug.       |
| Queen of the Isles | 5 40                                   | do yacht.          | W. A. Routh.....     | 7 08                                   | Screw do           |
| Cherokee .....     | 13 60                                  | do passenger.      | Mary .....           | 7 48                                   | do do              |
| Stella.....        | 10 64                                  | do tug.            | Sparrow.....         | 6 05                                   | do do              |
| Rock.....          | 5 56                                   | do do              | Interocean.....      | 13 76                                  | do passenger       |
| Enterprise.....    | 13 92                                  | do passenger.      | Pioneer.....         | 5 44                                   | do tug.            |
| Ella Alice.....    | 5 28                                   | Screw, yacht.      | Glucas.....          | 6 12                                   | do do              |
| Tommy Wright..     | 5 48                                   | do tug.            | Fanny Arnold...      | 18 84                                  | do do              |
| Alice Brooks.....  | 5 68                                   | do do              | Lake Michigan...     | 35 72                                  | do freight.        |
| Phoenix .....      | 6 00                                   | do do              | Excelsior.....       | 6 36                                   | do passenger.      |
| Blanche Shelby..   | 5 80                                   | do do              | Mary Louise.....     | .....                                  | do do              |
| Blandina.....      | 6 84                                   | do yacht.          | Sunbeam.....         | 5 16                                   | do tug.            |
| Agnes.....         | 5 64                                   | do fishing tug.    | Lothair.....         | 21 48                                  | do freight.        |
| Shawanaga.....     | 8 83                                   | do tug.            | Wales.....           | 19 00                                  | do tug.            |
| Tender.....        | 6 20                                   | do do              | River Belle.....     | .....                                  | do yacht.          |
| Severn Belle.....  | 5 30                                   | do do              | H. Neelon .....      | 7 56                                   | do tug.            |
| Belle .....        | 5 28                                   | do fishing tug.    | Erin.....            | 20 68                                  | do freight.        |
| Queen.....         | 5 28                                   | do ferry.          | Myra.....            | 7 92                                   | do tug.            |
| Sutton Belle.....  | 5 24                                   | do passenger.      | Energy.....          | 11 64                                  | Steam barge.       |
| Isabella .....     | 6 76                                   | do tug.            | Shamrock.....        | 5 52                                   | Excursion boat.    |
| Nipissing.....     | 17 72                                  | Paddle, passenger. | Ada E. Allen.....    | 11 80                                  | Barge.             |
| Ontario.....       | 5 44                                   | Screw, tug.        | La Belle.....        | 8 00                                   | do                 |
| Kate Murray.....   | 5 12                                   | do do              | Bob Hackett.....     | 10 36                                  | Tug.               |
| Wenonah.....       | 15 16                                  | Paddle, passenger. | City of Dresden...   | 15 76                                  | Passenger steamer. |
| Jennie Wilson....  | 5 28                                   | Screw, tug.        | A. H. Jennie.....    | 10 92                                  | Tug.               |
| Rosseau.....       | 7 12                                   | do do              | Esperanza.....       | 5 88                                   | Yacht.             |
| Muskoka.....       | 8 96                                   | do do              | Suginaw.....         | 22 28                                  | Car ferry.         |
| Kenosha.....       | 15 64                                  | do passenger.      | Transit.....         | 50 32                                  | do                 |
| Lake Joseph.....   | 6 12                                   | do tug.            | Transfer.....        | 69 68                                  | do                 |
| Northern.....      | 9 90                                   | Paddle, passenger. | Lansdowne.....       | 70 80                                  | do                 |
| Florence.....      | 5 32                                   | Screw, tug.        | Sir S. L. Tilley.... | 52 08                                  | Lake propeller.    |

**STEAM Vessels Inspected for the Year, &c.—West Ontario, &c., Division—Concluded.**

| Name of Vessel.     | Tonnage Dues and Inspection Fees paid. | Remarks.   | Name of Vessel.    | Tonnage Dues and Inspection Fees paid. | Remarks.   |
|---------------------|--|------------|--------------------|--|------------|
|                     | \$ cts.                                |            |                    | \$ cts.                                |            |
| International ..... | 42 04                                  | Car ferry. | Great Western..... | 51 20                                  | Car ferry. |
| Huron.....          | 50 08                                  | do         | Watertown.....     | 18 68                                  | Ferry.     |

**NOT INSPECTED.**

|                    |      |              |                   |       |          |
|--------------------|------|--------------|-------------------|-------|----------|
| Dispatch.....      | 6 32 | Fishing tug. | Jerôme .....      |       | Tug.     |
| Henry Smyth.....   |      | do           | Isaac May.....    | 54 64 | Freight. |
| Heather Belle..... |      | do           | Frank .....       |       | do       |
| Fanny.....         |      | do           | Lizzie .....      |       | Tug.     |
| Geo. Maytham....   |      | do           | Jessie .....      |       | do       |
| Toronto Belle..... | 5 55 | Tug.         | G. H. Parker..... |       | do       |

W. J. MENEILLEY,  
Steamboat Inspector.



## STEAM Vessels Inspected for the year ended 31st December, 1884.

## WESTERN ONTARIO DIVISION.

| Name of Vessel.                | Tonnage Dues and Inspection Fees paid. | Remarks.           | Name of Vessel.              | Tonnage Dues and Inspection Fees paid. | Remarks.               |
|--------------------------------|--|--------------------|------------------------------|--|------------------------|
|                                | \$ ct .                                |                    |                              | \$ cts.                                |                        |
| Scotia.....                    | 33 16                                  | Screw, freight.    | Annie Craig.....             | 8 20                                   | Screw, passenger.      |
| Prussia.....                   | 33 40                                  | do passenger.      | Armenia.....                 | 12 40                                  | do do                  |
| Myles.....                     | 56 44                                  | do freight.        | Southern Belle...            | 25 12                                  | Paddle do              |
| Ontario, of Sarnia             | 52 16                                  | do passenger.      | Ada Alice.....               | 5 60                                   | Screw, ferry.          |
| United Empire....              | 86 44                                  | do do              | Rupert.....                  | 28 48                                  | Paddle, passenger.     |
| Persia.....                    | 38 28                                  | do do              | Punett Beyer.....            | 5 40                                   | Screw, ferry.          |
| Alma Munro.....                | 43 64                                  | do do              | John Hanlan.....             | 6 48                                   | do do                  |
| St. Magnees.....               | 42 12                                  | do do              | Chicoutimi.....              | 12 40                                  | Paddle, passenger.     |
| City of Montreal.              | 34 08                                  | do do              | W. J. Taylor.....            | 5 36                                   | Screw, pleasure yacht. |
| Lincoln.....                   | 18 88                                  | do freight.        | Minden.....                  | 5 16                                   | do do                  |
| Clinton.....                   | 22 20                                  | do do              | Dominion.....                | 5 24                                   | do do                  |
| Ocean.....                     | 33 64                                  | do passenger.      | Bruce.....                   | 5 64                                   | do tug.                |
| Celtic.....                    | 35 92                                  | do do              | W. J. Aiken.....             | 6 68                                   | do do                  |
| Lake Ontario.....              | 35 00                                  | do freight.        | M. A. Laughlin..             | 5 92                                   | do do                  |
| Olara Louise.....              | 5 80                                   | do ferry.          | Maggie.....                  | 6 48                                   | do do                  |
| Dominion.....                  | 32 05                                  | do freight.        | Jane Armstrong..             | 6 80                                   | do do                  |
| Canada.....                    | 33 76                                  | do passenger.      | Joe Mac.....                 | 6 72                                   | do do                  |
| Luella.....                    | 6 52                                   | do ferry.          | R. S. King.....              | 7 36                                   | do do                  |
| Arlington.....                 | 5 92                                   | do do              | Sam Perry.....               | 6 68                                   | do do                  |
| Ontario, of King-<br>ston..... | 18 36                                  | do passenger.      | Golden City.....             | 6 40                                   | do do                  |
| Geneva.....                    | 8 88                                   | do ferry.          | Sylvester Knee-<br>land..... | 6 84                                   | do do                  |
| Gipsy.....                     | 21 00                                  | Paddle, passenger. | Clara M. Carter...           | 6 20                                   | do do                  |
| Clinora.....                   | 45 24                                  | do do              | Albion.....                  | 16 88                                  | do freight.            |
| Canadian.....                  | 17 24                                  | do ferry.          | Sea Gull.....                | 7 05                                   | do tug.                |
| St. Jean Baptiste.             | 14 88                                  | do do              | E. Windsor.....              | 8 44                                   | do freight.            |
| J. L. McEdward...              | 5 88                                   | Screw do           | Ireland.....                 | 9 20                                   | do do                  |
| D. C. West.....                | 7 40                                   | do do              | Thames..                     | 7 08                                   | do do                  |
| Starling.....                  | 5 48                                   | do passenger.      | Harry Sewell.....            | 6 00                                   | do tug.                |
| Alfred Wilson.....             | 9 32                                   | do do              | W. F. McRae.....             | 6 84                                   | do do                  |
|                                |  |                    | Coral.....                   | 9 76                                   | do freight.            |

STEAM Vessels Inspected for the Year, &c.—West Ontario Division.—*Concluded.*

| Name of Vessel.             | Tonnage Dues and Inspection Fees paid. | Remarks.          | Name of Vessel.           | Tonnage Dues and Inspection Fees paid. | Remarks.               |
|-----------------------------|--|-------------------|---------------------------|--|------------------------|
|                             | \$ cts.                                |                   |                           | \$ cts.                                |                        |
| J. C. Clark.....            | 13 80                                  | Screw, passenger. | James Buckley....         | 5 40                                   | Screw, passenger.      |
| Hiawatha.....               | 14 48                                  | do do             | Walter P. Tribble         | 5 24                                   | do tug.                |
| Quebec.....                 | 64 16                                  | do do             | Owen .....                | 9 12                                   | do freight.            |
| Byron Terice.....           | 18 72                                  | do do             | J. B. Stenmues ...        | 5 48                                   | Paddle do              |
| Myrtle.....                 | 5 36                                   | do tug.           | Gordon Gautier...         | 5 84                                   | Screw, tug.            |
| Ruby.....                   | 7 88                                   | do passenger.     | Ella Taylor.....          | 6 36                                   | do do                  |
| Mary, of Port Stanley ..... | 5 16                                   | do tug.           | Admiral D.D. Porter ..... | 14 64                                  | do do                  |
| W. H. Pringle....           | 15 24                                  | do do             | Essex .....               | 13 68                                  | Paddle, ferry.         |
| Hope.....                   | 14 80                                  | do ferry.         | Edward Blake....          | 5 52                                   | Screw, tug.            |
| United Lumbermen.....       | 20 96                                  | do freight.       | C. J. G. Munro...         | 6 72                                   | do do                  |
| A. T. Kelley.....           | 6 56                                   | do tug.           | M. R. Bennett.....        | 6 50                                   | do do                  |
| Uncle John.....             | 5 28                                   | do yacht.         | General Wolseley          | 12 92                                  | Paddle, passenger.     |
| Beatrice .....              | 7 64                                   | do tug.           | Juanita .....             | 5 20                                   | Screw, pleasure yacht. |
| Admiral.....                | 5 36                                   | do do             | Gem .....                 | { 10 32 }<br>2 y'rs. }                 | do do                  |
| Kitty Haight .....          | 7 40                                   | do do             | S. C. Doty .....          | 6 04                                   | do tug.                |
| Sovereign .....             | 35 36                                  | do passenger.     | Minnehaha .....           | 6 28                                   | do do                  |
| J. H. Doyle.....            | 5 68                                   | do tug.           | Ada.....                  | { 20 48 }<br>4 y'rs. }                 | do pleasure yacht.     |
| James Norris ...            | 6 88                                   | do do             | Daisy .....               | 5 00                                   | do do                  |
| Inez.....                   | 7 36                                   | do do             | Thistle .....             | 5 36                                   | do tug.                |
| M. R. Mitchell ...          | 6 04                                   | do do             | Mocking Bird.....         | 6 40                                   | do do                  |
| Augusta.....                | 7 28                                   | do do             | Ann Long.....             | 6 80                                   | do do                  |
| Victoria .....              | 8 52                                   | do freight.       | G. A. Ranney....          | 5 56                                   | do do                  |
| Mazepa .....                | 13 84                                  | do passenger.     | Louisa .....              | 5 25                                   | do do                  |
| Como .....                  | 8 00                                   | Paddle, tug.      | Alfred Dymont ...         | 6 20                                   | do do                  |
| Maggie Mason ....           | 6 00                                   | Screw, ferry.     | Norah.....                | 6 24                                   | do do                  |
| Frank Jackman...            | 6 56                                   | do tug.           | Magdalena .....           | 5 76                                   | do do                  |
| Annie Watt .....            | 10 48                                  | do passenger.     | John Harris .....         | 7 68                                   | do do                  |
| Hector .....                | 6 72                                   | do tug.           | Clara .....               | 5 32                                   | do do                  |
| Mary .....                  | 7 48                                   | do do             | Rescue .....              | 5 68                                   | do do                  |

STEAM Vessels Inspected for the Year, &c.—West Ontario Division—*Continued.*

| Name of Vessel.   | Tonnage Dues and<br>Inspection Fees<br>paid. | Remarks.          | Name of Vessel.   | Tonnage Dues and<br>Inspection Fees<br>paid. | Remarks.               |
|-------------------|--|-------------------|-------------------|--|------------------------|
| Sea Flower.....   | \$ cts.<br>5 28                              | Screw, passenger. | R. F. Childs..... | \$ cts.<br>5 20                              | Screw, pleasure yacht. |
| Geo. Douglas....  | 6 63   | do do             | C. H. Merritt.... | 12 88  | do passenger.          |
| Grace Darling.... | 6 04   | do do             | Ripple .....      | 5 80   | do tug.                |

OLIVER P. ST. JOHN,  
*Steamboat Inspector.*

## STEAM Vessels Inspected for the Year ended 31st December, 1884.

## EAST ONTARIO DIVISION.

| Name of Vessel.    | Tonnage Dues and<br>Inspection Fees<br>paid. | Remarks.           | Name of Vessel.    | Tonnage Dues and<br>Inspection Fees<br>paid. | Remarks.           |
|--------------------|--|--------------------|--------------------|--|--------------------|
|                    | \$ cts.                                      |                    |                    | ¢ cts.                                       |                    |
| Maud. ....         | 19 72  | Paddle, passenger. | Reliance .....     | 13 80  | Screw, freight.    |
| Pierepont. ....    | 18 08  | do do              | Resolute.....      | 21 44  | do do              |
| D. R. Van Allen .  | 17 72  | Screw, freight.    | Pilgrim .....      | 5 76   | do passenger.      |
| Indian.....        | 17 80  | do do              | Lily.....          | 5 64   | do tug.            |
| McArthur. ....     | 11 76  | do tug.            | Freemason .....    | 9 20   | Screw, freight.    |
| Hero.....          | 20 24  | Paddle, passenger. | Princess Louise... | 12 60  | do passenger.      |
| Norseman. ....     | 39 32  | do do              | Empress of India.  | 31 16  | Paddle do          |
| Albert Wright....  | 6 16   | Screw, tug.        | Varuna.....        | 13 36  | Screw do           |
| D. D. Calvin. .... | 35 00  | do freight.        | Utica.....         | 7 08   | do do              |
| Chieftain.....     | 22 40  | Paddle, tug.       | Juno .....         | 5 40   | do yacht.          |
| J. A. McDonald...  | 15 92  | do do              | Albani.....        | 7 32   | do do              |
| Traveller .....    | 13 32  | do do              | Chaffy.....        | 6 72   | do passenger.      |
| Hiram A. Calvin    | 17 00  | do do              | Myrtle.....        | 5 36   | do do              |
| William Johnston   | 8 24   | Screw, tug.        | Ivy.....           | 5 28   | do yacht.          |
| Rambler.....       | 7 36   | do do              | Topsy.....         | 5 04   | do do              |
| Nile.....          | 8 84   | do freight.        | Clipper .....      | 5 16   | do do              |
| H. F. Bronson....  | 10 48  | do tug.            | Eva .....          | 5 08   | do do              |
| Active.....        | 18 84  | do do              | Oriole.....        | 5 12   | do do              |
| Jessie Hall .....  | 7 28   | do do              | Blinkbonny.....    | 5 08   | do do              |
| D. G. Thomson...   | 12 40  | do do              | Lively.....        | 5 24   | do passenger.      |
| Glide.....         | 8 12   | do do              | Colonel By.....    | 5 36   | do tug.            |
| Metamora. ....     | 14 56  | do do              | Puritan.....       | 18 20  | Paddle, passenger. |
| Alexandria .....   | 42 52  | Paddle, passenger. | Ruby.....          | 5 08   | Screw do           |
| Reindeer.....      | 7 32   | Screw do           | Eliza Bonor . .... | 6 04   | do tug.            |
| Orscoe.....        | 6 72   | do freight.        | Mary Ethel.....    | 8 96   | Paddle, passenger. |
| H. B. Sherwood...  | 6 44   | do tug.            | Omota .....        | 5 88   | Screw, yacht.      |
| Deseronto. ....    | 7 72   | do passenger.      | D. P. Dey. ....    | 5 44   | do tug.            |
| Quinte.....        | 21 24  | Paddle do          | Water Lily.....    | 5 16   | do yacht.          |

## STEAM Vessels Inspected for the Year, &amp;c.—East Ontario Division—Continued.

| Name of Vessel.   | Tonnage Dues and Inspection Fees paid. | Remarks.                 | Name of Vessel.     | Tonnage Dues and Inspection Fees paid. | Remarks.           |
|-------------------|--|--------------------------|---------------------|--|--------------------|
|                   | \$ cts.                                |                          |                     | \$ cts.                                |                    |
| Victor.....       | 5 08                                   | Screw, yacht.            | Ada Carter.....     | 6 00                                   | Screw, tug.        |
| Rothsay.....      | 41 56                                  | Paddle, passenger.       | Denis Bowen.....    | 6 23                                   | do passenger.      |
| Saxon.....        | 12 24                                  | Screw, freight.          | Annie Gilbert....   | 5 80                                   | do do              |
| Bella Wilson..... | 12 40                                  | do do                    | Peerless.....       | 6 04                                   | do tug.            |
| Hastings.....     | 26 92                                  | Paddle, passenger.       | Grenada.....        | 7 28                                   | do passenger.      |
| G.....            | 5 12                                   | Screw, passenger.        | Princess Louise...  | 6 80                                   | do do              |
| Carlton.....      | 5 32                                   | do yacht.                | Eureka.....         | 7 32                                   | do do              |
| Pearl.....        | 5 20                                   | do do                    | Ontario.....        | 7 28                                   | do tug.            |
| Spray.....        | 5 16                                   | do do                    | Gilbert.....        | 6 64                                   | do do              |
| Cathrine.....     | 5 60                                   | do passenger.            | H. C. Curtis.....   | 6 44                                   | do do              |
| Beaver.....       | 5 72                                   | do do                    | Florence.....       | 5 24                                   | do passenger.      |
| Dora.....         | 5 80                                   | do do                    | City of Bellville.. | 12 04                                  | do passenger.      |
| Isaac Butts.....  | Not paid.                              | Condemned for passen'rs. | Transit.....        | 13 60                                  | do do              |
| Golden Eye.....   | 19 52                                  | Paddle, passenger.       | Oneida... ..        | 5 48                                   | do yacht.          |
| Whistle Wing....  | 8 52                                   | do do                    | Frank Perews.....   | 6 72                                   | do tug.            |
| Cruiser.....      | 6 24                                   | Screw, passenger.        | Marquis of Lorne    | 5 80                                   | do yacht.          |
| Fairy.....        | 5 92                                   | do do                    | Hiram Eaton.....    | 6 36                                   | do tug.            |
| Eva.....          | 6 34                                   | do do                    | Ripple.....         | 5 64                                   | do do              |
| Tiger.....        | 5 08                                   | do yacht.                | Enterprise.....     | 7 40                                   | Paddle, tug.       |
| Mary Louise.....  | 5 60                                   | do passenger.            | Edmond.....         | 6 56                                   | Screw, tug.        |
| Mary Ellen.....   | 8 24                                   | Paddle, tug.             | M. P. Davis.....    | 5 41                                   | do do              |
| Waterwitch.....   | 5 36                                   | Screw, passenger.        | Esturion.....       | 12 72                                  | Paddle, passenger. |
| Anglo Saxon.....  | 7 76                                   | Paddle, tug.             | Maple Leaf.....     | 6 04                                   | Screw, passenger.  |
| Ontario.....      | 8 20                                   | do                       | Dominion.....       | 6 96                                   | Paddle, tug.       |
| Bella Fair.....   | 5 26                                   | Screw, tug.              | Ada.....            | 16 52                                  | Screw, passenger.  |
| Stranger.....     | 6 12                                   | do do                    | Pioneer.....        | 6 12                                   | do freight.        |
| Seaborn.....      | 5 36                                   | do yacht.                | Robert Anglin....   | 9 16                                   | do do              |
| Beanbocage.....   | 13 16                                  | Paddle, passenger.       | A. H. Jennie.....   | 10 92                                  | do do              |
|                   |  |                          | Alaska.....         | 6 92                                   | do passenger.      |

STEAM Vessels Inspected for the Year, &c.—East Ontario Division—*Continued.*

| Name of Vessel.  | Tonnage Dues and Inspection Fees paid. | Remarks.        | Name of Vessel.  | Tonnage Dues and Inspection Fees paid. | Remarks.           |
|------------------|--|-----------------|------------------|--|--------------------|
|                  | \$ cts.                                |                 |                  | \$ cts.                                |                    |
| Water Lily ..... | Not employed.                          | Screw, freight. | Conqueror.....   | Not employed.                          | Screw, tug.        |
| Lily Nicholson.. |  | do passenger.   | Coboconk. ....   |  | Paddle, tug.       |
| H. M. Mixer..... |  | do tug.         | Carlyle .....    |  | Screw, freight.    |
| F. A. Folger.... |  | do do           | City of Kingston |  | Paddle, passenger. |
| Sarah Daly.....  |  | do do           | Peterson Ferry.  |  | do do              |
| Eleanor. ....    |  | do do           | Bay of Quinté .. |  | do tug.            |
| Emma Munson.)    | do do                                  |                 |                  |  |                    |

EDWARD ADAMS,  
*Steamboat Inspector.*

## STEAM Vessels Inspected for the Year ended 31st December, 1884.

## MONTREAL DIVISION.

| Name of Vessel.                  | Tonnage Dues and Inspection Fees paid. | Remarks.           | Name of Vessel.     | Tonnage Dues and Inspection Fees paid. | Remarks.           |
|----------------------------------|--|--------------------|---------------------|--|--------------------|
|                                  | \$ cts.                                |                    |                     | \$ cts.                                |                    |
| John R. Booth....                | 10 28                                  | Screw, tug.        | F. B. Maxwell....   | 27 88                                  | Paddle, passenger. |
| E. B. Eddy.....                  | 8 12                                   | do do              | Star.....           | 22 64                                  | do do              |
| Canella.....                     | 10 12                                  | Paddle do          | Shickluna.....      | 7 64                                   | Screw, tug.        |
| Peerless.....                    | 49 56                                  | do passenger.      | Princess.....       | 31 16                                  | Paddle, passenger. |
| Maude.....                       | 15 76                                  | do tug.            | Filgate.....        | 18 52                                  | do do              |
| Elgin.....                       | 9 32                                   | Screw do           | St. George.....     | 6 96                                   | Screw, tug.        |
| Swan.....                        | 13 08                                  | Paddle do          | Windermere.....     | 6 40                                   | do yacht           |
| Montarville.....                 | 18 72                                  | do passenger.      | Gertie.....         | 5 68                                   | do tug.            |
| South Eastern....                | 23 80                                  | Screw do           | Georgian.....       | 7 12                                   | do do              |
| Aurora.....                      | 10 00                                  | Paddle, tug.       | Tim Doyle.....      | 5 80                                   | do do              |
| B. America.....                  | 11 80                                  | do do              | Ivy.....            | 8 04                                   | Paddle do          |
| Elevator No. 10...               | 11 92                                  | Grain elevator.    | Mink.....           | 8 60                                   | Screw do           |
| do 7...                          | 11 80                                  | do                 | Welshman.....       | 10 72                                  | do freight.        |
| do 6...                          | 11 80                                  | do                 | Belmont.....        | 32 40                                  | Paddle, passenger. |
| do 9...                          | 11 88                                  | do                 | Prince of Wales...  | 13 32                                  | do do              |
| Geo. A. Harris....               | 8 48                                   | Screw, tug.        | Elswood.....        | 6 10                                   | Screw, tug.        |
| Allan Gilmour....                | 7 44                                   | do do              | Humber.....         | 5 52                                   | do do              |
| Thousand Islands<br>Rambler..... | 5 80                                   | do passenger.      | Plover.....         | 6 72                                   | do do              |
| Dolphin.....                     | 7 76                                   | do tug.            | J. K. Ward.....     | 5 92                                   | do do              |
| Elevator No. 12...               | 12 32                                  | Grain elevator.    | Zebra.....          | 6 20                                   |                    |
| do 1...                          | 8 32                                   | do                 | Nasmith.....        | 6 96                                   |                    |
| do 11...                         | 11 76                                  | do                 | S. S. Bonavista ... | 60 24                                  | Screw, freight.    |
| do 14...                         | 12 52                                  | do                 | New York.....       | 17 44                                  | Paddle, tug.       |
| Charlotte.....                   | 7 36                                   | Screw, passenger.  | Resolute.....       | 6 20                                   | Screw do           |
| Laprairie.....                   | 28 92                                  | Paddle do          | Longueuil.....      | 20 68                                  | Paddle, passenger. |
| Weston.....                      | 5 16                                   | Screw, tug.        | St. Lambert.....    | 14 88                                  | do do              |
| Florence.....                    | 7 48                                   | do                 | Kate.....           | 5 92                                   | Screw, tug.        |
| Cariboo.....                     | 9 56                                   | do                 | Calumette.....      | 6 60                                   | do do              |
| Bohemian.....                    | 53 52                                  | Paddle, passenger. | Vermont.....        | 13 24                                  | Paddle do          |

STEAM Vessels Inspected for the Year, &c.—Montreal Division—*Continued.*

| Name of Vessel.    | Tonnage Dues and Inspection Fees paid. | Remarks.           | Name of Vessel.     | Tonnage Dues and Inspection Fees paid. | Remarks.                   |
|--------------------|--|--------------------|---------------------|--|----------------------------|
| Prince Arthur. ... | \$ 33 40                               | Paddle, passenger. | Bonita .....        | 5 68                                   | Screw, passenger.          |
| Gatineau.....      | 10 32                                  | Screw, freight.    | Nymph.....          | 7 96                                   | Paddle do                  |
| Champlain.....     | 12 80                                  | Paddle, tug.       | Manxman.....        | 7 96                                   | do do                      |
| Empress.....       | 12 00                                  | do passenger.      | Nil Desperandum.    | 6 08                                   | do do                      |
| Swan.....          | 6 72                                   | Screw, tug.        | M. F. Logie.....    | 5 68                                   | Screw, tug.                |
| Dandy.....         | 6 84                                   | do do              | G. H. Notter.....   | 5 52                                   | do do                      |
| Nosbousing..       | 6 00                                   | do do              | Albert.....         | 12 76                                  | Paddle, passenger.         |
| Empress.....       | 15 52                                  | Paddle, passenger. | Owens.....          | 11 24                                  | do tug.                    |
| Hiram Robinson..   | 7 44                                   | Screw, tug.        | Agnes McMahon .     | 8 28                                   | Screw do                   |
| Walter B.....      | 6 12                                   | do passenger.      | Dagmar ...          | 21 20                                  | Paddle, passenger.         |
| Pembroke.....      | 11 48                                  | Paddle, tug.       | Kern.....           | 9 84                                   | Screw, freight.            |
| C. O. Kelly.....   | 17 32                                  | do do              | O. Anderson.....    | 12 20                                  | do passenger.              |
| H. F. Bronson..... | 7 88                                   | Screw do           | William.....        | 6 96                                   | do tug.                    |
| Sir John Young...  | 16 28                                  | Paddle do          | Fanny.....          | 5 04                                   | do                         |
| Maggie.....        | 7 28                                   | do do              | Artic.....          | 7 60                                   | do                         |
| H. F. Baldwin. ... | 12 08                                  | Screw do           | H. Bonniéfaut ..... |  | New registry not complete. |
| Lewis Young.....   | 8 00                                   | do do              | Percy.....          | 6 28                                   | Screw, tug.                |
| St. Anne.....      | 6 00                                   | Screw, passenger.  | Coburn.....         | 50 52                                  | do freight, passeng'r      |
| Monitor.....       | 18 32                                  | Paddle, tug.       | Cultivateur.....    | 14 08                                  | Paddle, passenger.         |
| G. B. Pattee.....  | 6 20                                   | Screw do           | Sir John.....       | 7 44                                   | Screw, tug.                |
| Chaudière.....     | 16 28                                  | Paddle do          | Cruiser.....        | 7 20                                   | do yacht.                  |
| Castor.....        | 7 16                                   | Screw do           | Vester.....         | 5 56                                   | do do                      |
| Aylmer.....        | 6 04                                   | do passenger.      | Rockland ..         | 8 12                                   | do tug.                    |
| John Heney .       | 5 76                                   | do tug.            | Olive.....          | 16 52                                  | do freight, passeng'r      |
| Grenville.....     | 5 84                                   | do do              | New Port.....       | 5 48                                   | do do do                   |
| Spray.....         | 6 65                                   | do passenger.      | Mountain Maid ...   | 12 72                                  | Paddle, tug.               |
| Geo. H. Millan.... | 5 44                                   | do tug.            | Lady of the Lake.   | 32 28                                  | do passenger.              |
| Agnes.....         | 6 16                                   | do passenger.      | Magog.....          | 7 64                                   | do do                      |
| Eva.....           | 5 24                                   | do do              | Delta.....          | 38 48                                  | Screw, freight.            |
| Mouch-à-Feu.....   | 5 80                                   | Paddle do          | Elevator No. 13...  | 12 12                                  | Grain elevator.            |



## STEAM Vessels Inspected for the Year, &amp;c.—Montreal Division—Continued.

| Name of Vessel.    | Tonnage Dues and<br>Inspection Fees<br>paid. | Remarks.        | Name of Vessel.    | Tonnage Dues and<br>Inspection Fees<br>paid. | Remarks.          |
|--------------------|--|-----------------|--------------------|--|-------------------|
|                    | \$ cts.                                      |                 |                    | \$ cts.                                      |                   |
| Elevator No. 14... | 12 24  | Grain elevator. | Isle-au-Noix ..... | 5 56   | Screw, passenger. |
| Rigaud .....       | 6 84   | Screw, tug.     | Bella .....        | 5 12   | do yacht.         |
| Alert .....        | 5 20   | do yacht.       | Janet Craig .....  | 5 48   | do passenger.     |
| Lulu .....         | 5 08   | do do           |                    |  |                   |

## STEAM Vessels not Inspected for the Year, &amp;c.—Montreal Division.

|                    |       |   |                |       |   |
|--------------------|-------|---|----------------|-------|---|
| Manitoba .....     | ..... | Paddle, passenger; re-<br>built. Employed tow-<br>ing about 2 months. | Portneuf ..... | ..... | Paddle, passenger. Not<br>employed.                             |
| Aries .....        | ..... | Screw, tug. Not em-<br>ployed.  | Herald .....   | ..... | Screw, freight. Not em-<br>ployed.                              |
| Raftsmen .....     | ..... | Paddle, tug. Not em-<br>ployed.                                       | Edie May ..... | ..... | Screw, passenger. Em-<br>ployed; inspection not<br>applied for. |
| L'Assumption ..... | ..... | Paddle, passenger. Not<br>employed.                                   |                |       |   |

Gross tons, 824. Registered tons, 479.

(Signed),

JOHN BURGESS,  
Steamboat Inspector.

## STEAM Vessels Inspected for the Year ended 31st December, 1884.

## QUEBEC DIVISION.

| Name of Vessel.     | Tonnage Dues and Inspection Fees paid. | Remarks.             | Name of Vessel.   | Tonnage Dues and Inspection Fees paid. | Remarks.              |
|---------------------|--|----------------------|-------------------|--|-----------------------|
|                     | \$ cts.                                |                      |                   | ¢ cts.                                 |                       |
| Polaris .....       | 29 32                                  | Screw, winter ferry. | Abenakis .....    | 10 80                                  | Centre-wheel, tug.    |
| Hope .....          | 17 20                                  | Side-wheel, tug.     | Polaris .....     | 29 32                                  | Screw, winter ferry.  |
| St. Francis .....   | 7 20                                   | Screw, tug.          | Marie .....       | 6 20                                   | do tug.               |
| C. J. Bridges ..... | 6 56                                   | do do                | Miramichi .....   | 37 08                                  | Paddle, passenger.    |
| St. Peter .....     | 6 80                                   | do do                | Brothers .....    | 18 48                                  | do do                 |
| St. John .....      | 7 20                                   | do do                | Robert Stoker.... | 5 56                                   | Screw, tug.           |
| St. Louis .....     | 6 36                                   | do do                | Maud .....        | 7 16                                   | Paddle do             |
| St. Paul .....      | 6 80                                   | do do                | Thor .....        | 17 88                                  | do do                 |
| M. F. Pearsons....  | 6 80                                   | do do                | Belle .....       | 7 04                                   | Screw do              |
| John .....          | 13 12                                  | Paddle do            | Ste. Croix .....  | 25 80                                  | Paddle, passenger.    |
| John Young .....    | 14 52                                  | do do                | Montmagny .....   | 22 04                                  | do do                 |
| Delisle .....       | 6 80                                   | Screw do             | Castor .....      | 8 72                                   | do do                 |
| John Pratt .....    | 7 80                                   | do do                | Challenger .....  | 7 64                                   | Screw, tug.           |
| Palino .....        | 40 28                                  | do freight.          | St. Louis .....   | 25 12                                  | Paddle, passenger.    |
| Otter .....         | 16 76                                  | do do                | Arctic .....      | 14 12                                  | Screw, winter ferry.  |
| Terrebonne .....    | 32 04                                  | Paddle, passenger.   | North .....       | 23 16                                  | Paddle, ferry.        |
| Trois Rivières ...  | 76 40                                  | do do                | South .....       | 18 20                                  | do do                 |
| Mouche-à-Feu....    | 16 56                                  | do do                | Etoile .....      | 30 40                                  | do passenger.         |
| Chambly .....       | 33 88                                  | do do                | Conqueror .....   | 14 32                                  | do tug.               |
| Sorel .....         | 14 32                                  | do do                | Diver .....       | 8 44                                   | Screw, wrecking schr. |
| Montreal .....      | 96 44                                  | do do                | Aurelia .....     | 6 28                                   | do tug.               |
| Rivière du Loup..   | 14 92                                  | do do                | Azilda .....      | 5 96                                   | do do                 |
| Canada .....        | 88 36                                  | do do                | Cultivateur ..... | 35 76                                  | Paddle, passenger.    |
| Rocket .....        | 31 60                                  | do do                | Canadien .....    | 5 00                                   | Screw, pleasure yacht |
| Corsican .....      | 56 12                                  | do do                | Lizzie .....      | 5 00                                   | do do                 |
| Algerian .....      | 44 56                                  | do do                | City .....        | 7 08                                   | Paddle, tug.          |
| Ed. Arpin .....     | 5 20                                   | Screw do             | Beaver .....      | 21 20                                  | do do                 |
| Corinthian .....    | 50 48                                  | Paddle do            | William .....     | 16 04                                  | do do                 |
| Berthier .....      | 52 04                                  | do do                | Swallow .....     | 5 12                                   | Screw do              |
| Quebec .....        | 130 24                                 | do do                | Orleans .....     | 15 24                                  | do ferry.             |

## STEAM Vessels Inspected for the Year, &amp;c.—Quebec Division—Continued.

| Name of Vessel.    | Tonnage Dues and Inspection Fees paid. | Remarks.               | Name of Vessel.     | Tonnage Dues and Inspection Fees paid. | Remarks.               |
|--------------------|--|------------------------|---------------------|--|------------------------|
|                    | \$ cts.                                |                        |                     | \$ cts.                                |                        |
| Union.....         | 35 48                                  | Paddle, passenger.     | Hope.....           | 5 60                                   | Screw, tug.            |
| Rhoda.....         | 12 28                                  | do tug.                | Josephine.....      | 9 64                                   | Screw, wrecking sch'r. |
| Ida.....           | 5 80                                   | Screw, do              | Canada.....         | 14 36                                  | Paddle, tug.           |
| Florence.....      | 10 32                                  | Screw, wrecking sch'r. | Rival.....          | 10 00                                  | do do                  |
| Pilgrim.....       | 21 04                                  | Paddle, passenger.     | Hubert Larkin....   | 6 95                                   | Screw do               |
| Clyde.....         | 31 68                                  | do do                  | Albion.....         | 11 84                                  | Paddle, tug.           |
| Lévis.....         | 14 24                                  | Screw, ferry.          | Boston.....         | 17 84                                  | do do                  |
| C. W. Jones.....   | 6 48                                   | do tug.                | Dauntless.....      | 8 24                                   | Screw do               |
| Flora.....         | 7 00                                   | do do                  | Acadian.....        | 42 24                                  | do freight.            |
| Margaret... ..     | 7 56                                   | do do                  | Victory.....        | 7 24                                   | do tug.                |
| Victor.....        | 6 40                                   | do do                  | Batiscan.....       | 6 60                                   | Paddle, tug.           |
| Anglesea.....      | 11 12                                  | Paddle, tug.           | St. Catherine.....  | 5 48                                   | Screw do               |
| L. N. G. ....      | 5 44                                   | Screw do               | Maggie L. King..    | 6 08                                   | do do                  |
| Rover.....         | 6 68                                   | do do                  | St. George.....     | 6 20                                   | Paddle do              |
| Sensation.....     | 5 60                                   | do do                  | Lucie.....          | 6 00                                   | Stern-wheel, tug.      |
| Champion.....      | 12 40                                  | do do                  | Pilot.....          | 25 04                                  | Screw, winter ferry.   |
| Amanda.....        | 5 44                                   | do do                  | Patrick Murphy...   | 5 40                                   | do tug.                |
| Resolute.....      | 10 60                                  | do do                  | Vega.....           | 13 28                                  | do ferry.              |
| Bourgeois.....     | 14 80                                  | Paddle, ferry.         | Mersey.....         | 7 40                                   | do tug.                |
| Laval.....         | 8 60                                   | do do                  | Randolf.....        | 5 64                                   | do do                  |
| Lake.....          | 10 80                                  | Screw, tug.            | Star of the Sea ... | 5 32                                   | do do                  |
| May Flower.....    | 5 22                                   | do do                  | Honkey Dorey....    | 5 40                                   | do do                  |
| Janus.....         | 10 08                                  | Paddle, tug.           | Admiral.....        | 28 32                                  | Paddle, passenger.     |
| Activity.....      | 5 60                                   | Screw, do              | Contest.....        | 17 24                                  | do do                  |
| J. R. Soother..... | 5 44                                   | do do                  | St. James.....      | 8 64                                   | Screw, tug.            |
| Fairy.....         | 5 64                                   | do do                  | Com. Hollowell..    | 5 36                                   | do do                  |
| Johanna B.....     | 5 68                                   | do do                  | Saguenay.....       | 51 08                                  | Paddle, passenger.     |
| Pioneer.....       | 12 04                                  | Paddle, do             | Betsiamits.....     | 7 00                                   | do tug.                |
| Cuckoo.....        | 5 24                                   | Screw do               | Stormy Petrel. ...  | 5 44                                   | Screw do               |
| Passport.....      | 49 32                                  | Paddle, passenger.     | Lady Dufferin ...   | 5 20                                   | do do                  |
| Sorel Boy.....     | 5 60                                   | Screw, tug.            |                     |  |                        |

JOS. SAMSON, Steamboat Inspector.

STATEMENT of Steam Vessels not inspected, for the Year ended 31st December, 1884.  
 QUEBEC DIVISION.

| Name of Vessel.   | Tonnage Dues and Inspection Fees paid. |      | Remarks.                   | Name of Vessel.    | Tonnage Dues and Inspection Fees paid. |      | Remarks.                 |
|-------------------|--|------|----------------------------|--------------------|--|------|--------------------------|
|                   | ¢                                      | cts. |                            |                    | ¢                                      | cts. |                          |
| Bienvenu .....    |  |      | Paddle, pass., not running | St. Maurice.....   |  |      | Paddle, tug, not running |
| Bee.....          |  |      | do tug do                  | St. Antoine.....   |  |      | do pass. do              |
| Charlotte.....    |  |      | Screw, tug do              | Hercules.....      |  |      | do tug do                |
| Cap Blanc Boy.... |  |      | do do do                   | Arthur.....        |  |      | do do do                 |
| Eugenie.....      |  |      | Paddle, pass. do           | La Tuque.....      |  |      | do do do                 |
| Eclipse.....      |  |      | do tug do                  | Maid of Orleans... |  |      | do pass. do              |
| Gatineau .....    |  |      | do do do                   | Mattawin.....      |  |      | Screw, freight do        |
| Helene .....      |  |      | do do do                   | Nepigon.....       |  |      | do do do                 |
| Hero .....        |  |      | do do do                   | Powerful .....     |  |      | Paddle, tug do           |
| Shannon .....     |  |      | Screw, tug do              | Ninie.....         |  |      | Screw, pleasure do       |
| St. Lawrence..... |  |      | Paddle, pass. do           | Ranger.....        |  |      | Paddle, tug do           |
| Scotchman.....    |  |      | do tug do                  | St. Charles.....   |  |      | do do do                 |
| St. Andrew .....  |  |      | do do do                   | Maid of Canada...  |  |      | do pass. do              |
| Samson.....       |  |      | do do do                   | Abyssinian .....   |  |      | do do do                 |
| Tiger.....        |  |      | do do do                   |                    |  |      |                          |

Of the 150 steam vessels above mentioned, 29 have not been inspected, nor been fitted up, and fees not paid last season, the most of them being tug-boats; due from the decrease of the number of sailing vessels, which is caused from the freight being carried by ocean steamers, which left nothing for them to do.

JOS. SAMSON,

*Steamboat Inspector.*

STEAM Vessels Inspected for the Year ended 31st December, 1884.  
MARITIME PROVINCES DIVISION.

| Name of Vessel.   | Tonnage Due, and Inspection Fees paid. | Remarks.    | Name of Vessel.   | Tonnage Due, and Inspection Fees paid. | Remarks.                |
|-------------------|--|-------------|-------------------|--|-------------------------|
| Norman.....       | 6 84                                   | Screw, tug. | St. Patrick.....  | 7 08                                   | Screw, freight.         |
| Freddie V. ....   | 6 04                                   | do do       | Derby.....        | 5 44                                   | Paddle do               |
| St. John.....     | 6 88                                   | do do       | Winnie.....       | 5 48                                   | Screw, tug.             |
| Hercules.....     | 8 48                                   | do do       | Dragon.....       | 10 44                                  | Paddle do               |
| General.....      | 11 36                                  | Paddle do   | Daisy.....        | 5 40                                   | Screw do                |
| Captain.....      | 7 72                                   | do do       | Winnie.....       | 5 12                                   | do do                   |
| Quiddy.....       | 6 20                                   | do do       | Gipsy.....        | 5 68                                   | do do                   |
| Ada G.....        | 9 08                                   | do do       | Meta.....         | 5 20                                   | do do                   |
| Lillie G.....     | 13 36                                  | do do       | Henry Aitken..... | 6 52                                   | do do                   |
| Richard Doane ... | 7 80                                   | Screw do    | Arrow.....        | 5 40                                   | do do                   |
| Admiral.....      | 11 32                                  | Paddle do   | E. M. Cates.....  | 7 32                                   | do do                   |
| Marina.....       | 6 28                                   | Screw do    | Annie.....        | 5 52                                   | do do                   |
| Islet.....        | 5 20                                   | do freight. | Wm. Stroud.....   | 14 16                                  | do do                   |
| Island Gem.....   | 5 64                                   | do do       | Zaidee.....       | 5 72                                   | do do                   |
| Oarrie.....       | 5 56                                   | do do       | Dolphin.....      | 7 88                                   | Paddle do               |
| Tiger.....        | 9 20                                   | do do       | Utopia.....       | 5 64                                   | Screw do                |
| G. D. Hunter..... | 7 68                                   | do do       | Gladiator.....    | 7 80                                   | do do                   |
| Scotia.....       | 6 68                                   | do do       | Derigo.....       | 7 80                                   | do do                   |
| Alida.....        | 7 56                                   | do do       | Merrimac.....     | 8 40                                   | do do                   |
| Eva Johnson.....  | 5 76                                   | do do       | Annie Stuart..... | 6 44                                   | do do                   |
| Lillie.....       | 7 84                                   | do do       | Mayflower.....    | 5 72                                   | do do                   |
| Lincoln.....      | 8 48                                   | do do       | St. George.....   | 11 40                                  | do do                   |
| St. George.....   | 6 48                                   | do do       | St. Andrew.....   | 8 04                                   | do do                   |
| Tiger.....        | 7 40                                   | do do       | St. Michael.....  | 6 56                                   | do do                   |
| Bismark.....      | 6 96                                   | do do       | Mable Freeman ... | 6 04                                   | do do                   |
| Xephias.....      | 6 84                                   | do do       | Norwegian.....    | 16 12                                  | Screw, passenger ferry. |
| New City.....     | 8 12                                   | do do       | Alpha.....        | 20 24                                  | do do                   |
| Melbourne.....    | 5 20                                   | do do       | Geo. Shattuck.... | 22 48                                  | do do                   |
| Loyalist.....     | 5 72                                   | do do       | Mayflower.....    | .....                                  | Dominion Steamer.       |
| Champion.....     | 12 60                                  | Paddle do   | Secret.....       | 26 68                                  | Paddle, passenger.      |

STEAM Vessels Inspected for the Year, &c.—Maritime Provinces Division—*Con.*

| Name of Vessel.     | Tonnage Dues and Inspection Fees paid. | Remarks.                | Name of Vessel.    | Tonnage Dues and Inspection Fees paid. | Remarks.           |
|---------------------|--|-------------------------|--------------------|--|--------------------|
|                     | \$ cts.                                |                         |                    | \$ cts.                                |                    |
| Starr.....          | 26 44                                  | Paddle, passenger.      | Empress.....       | 45 16                                  | Paddle, passenger. |
| Soulanges. ....     | 20 72                                  | do do                   | Maggie Noble.....  | 5 52                                   | Screw, ferry.      |
| Arcadia.....        | 6 48                                   | do do                   | Douglas .....      | 7 04                                   | Paddle do          |
| Heather Belle.....  | 19 28                                  | do do                   | Dominion.....      | 30 96                                  | Screw, passenger.  |
| Summerside .....    | 22 40                                  | Screw, passenger.       | Southport .....    | 8 00                                   | Paddle, ferry.     |
| Princess of Wales   | 45 44                                  | Paddle do               | Wellington .....   | 15 20                                  | do passenger.      |
| Elfin .....         | 12 88                                  | do ferry.               | St. Lawrence.....  | 41 80                                  | do do              |
| Beaver .....        | 13 84                                  | Screw, passenger.       | Montague .....     | 13 20                                  | do ferry.          |
| May Queen .....     | 29 56                                  | Paddle do               | Marion .....       | 27 12                                  | do passenger.      |
| Novelty .....       | 6 68                                   | Screw do                | Lady of Lake.....  | 7 44                                   | do ferry.          |
| Enterprise.....     | 7 88                                   | Paddle, ferry.          | Rimouski.....      | 12 96                                  | do do              |
| Edgar Stuart .....  | 17 84                                  | Screw, passenger.       | Neptune.....       | 13 52                                  | do passenger.      |
| Hiawatha. ....      | 17 20                                  | do do                   | Glendon .....      | 15 68                                  | Screw, freight.    |
| Pinafore .....      | 6 04                                   | do ferry.               | May Queen .....    | 13 68                                  | Paddle, passenger. |
| Joe Edwards .....   | 6 40                                   | do do                   | Yuba.....          | 5 48                                   | Screw, ferry.      |
| M. A. Starr.....    | 17 88                                  | do passenger.           | Richmond .....     | 6 80                                   | Paddle do          |
| Micmac .....        | 14 00                                  | Paddle, ferry.          | St. Pierre.....    | 27 84                                  | Screw, passenger.  |
| Chebucto.....       | 12 32                                  | do do                   | Northern Light...  | .....                                  | Dominion steamer.  |
| Sir O. Ogle.....    | 13 04                                  | do do                   | F. O. Zatte.....   | 6 32                                   | Screw, tug.        |
| Evangeline .....    | 8 12                                   | do do                   | Henry Hoover....   | 6 72                                   | do do              |
| Florenceville ..... | 15 40                                  | Stern-wheel, passenger. | Gambrinus .....    | 6 12                                   | do freight.        |
| Forest Queen .....  | 12 60                                  | Paddle, ferry.          | Goliath.....       | 8 68                                   | do tug.            |
| Sarah H.....        | 8 24                                   | do do                   | Bessie & Harry.... | 5 88                                   | do do              |
| Ripple.....         | 6 12                                   | Screw do                | Robt. Burns .....  | 8 56                                   | do do              |
| Lady Dufferin.....  | 6 88                                   | Paddle do               | Highland Mary ...  | 7 96                                   | do freight.        |
| Laura .....         | 5 56                                   | do do                   | Mascot.....        | 5 92                                   | do do              |
| Andover .....       | 15 40                                  | Stern-wheel, passenger. | Ouangondy.....     | 19 76                                  | Paddle, passenger. |
| Sybella H.....      | 7 80                                   | Paddle, ferry.          | Neptune.....       | 7 08                                   | Screw, tug.        |
| Fawn.....           | 32 84                                  | do passenger.           |                    |  |                    |

WM. M. SMITH,  
Steamboat Inspector.

## STEAM Vessels Inspected for the Year ended 31st December, 1884.

## MANITOBA, KEEWATIN AND NORTH-WEST DIVISION.

| Name of Vessel.                | Tonnage Dues and Inspection Fees paid. | Remarks.                               | Name of Vessel.                 | Tonnage Dues and Inspection Fees paid. | Remarks.                    |
|--------------------------------|--|--|---------------------------------|--|-----------------------------|
|                                | \$ cts.                                |  |                                 | \$ cts.                                |                             |
| Victoria.....                  | 5 92                                   | Screw, freight and pass.               | Colville.....                   | 14 56                                  | Screw, tug.                 |
| Lady Ellen.....                | 5 76                                   | Screw, tug.                            | North Star.....                 | .....                                  | Barge.                      |
| Baroness.....                  | 17 80                                  | Stern-paddle, tug.                     | Princess.....                   | 29 24                                  | Stern-paddle, pass. & fr'gt |
| Alberta.....                   | 11 00                                  | do do                                  | Ogema.....                      | 7 48                                   | Screw, tug.                 |
| Minnow.....                    | 5 80                                   | pleasure yacht.                        | Marquis.....                    | 22 12                                  | Stern-paddle, pass. & fr'gt |
| Salty Jack.....                | 6 80                                   | Screw, tug.                            | North-West.....                 | 25 00                                  | do do                       |
| Siskiwit.....                  | 6 30                                   | Screw, tug, dispatch engineers, O.P.R. | Northcote.....                  | 26 44                                  | do do                       |
| The Brothers.....              | .....                                  | Fishing boat.                          | Manitoba.....                   | 24 34                                  | do do                       |
| The City of Mount Clemens..... | 7 70                                   | Screw, tug.                            | Cheyenne.....                   | 13 44                                  | do freight.                 |
| Hattie Vinton....              | 7 20                                   | do do                                  | Argyle.....                     | 33 34                                  | Screw, pass. and freight.   |
| E. M. Foster.....              | 13 52                                  | do freight and pass.                   | Butcher's Boy....               | 16 56                                  | do do                       |
| Silver Spray.....              | 13 20                                  | do tug.                                | A. Neff.....                    | .....                                  | do tug.                     |
| Algoma.....                    | 8 96                                   | do do                                  | Houghton.....                   | 7 08                                   | do do                       |
| Caldwell.....                  | .....                                  | Barge.                                 | Kincardine.....                 | 15 28                                  | do freight.                 |
| The Queen.....                 | 6 28                                   | Screw, tug.                            | Fleetwing.....                  | .....                                  | do tug.                     |
| Victoria.....                  | 13 20                                  | do do                                  | Grahame.....                    | 21 28                                  | Stern-paddle, freight.      |
| Caro.....                      | 5 16                                   | do do                                  | Kathleen.....                   | .....                                  | Screw, pleasure.            |
| D. L. Mather.....              | 9 12                                   | do do                                  | NOT INSPECTED.                  |  |                             |
| Thistle.....                   | 5 95                                   | do do                                  | Ida.....                        | .....                                  | Screw, pleasure.            |
| N. Mosher.....                 | 6 32                                   | do do                                  | Nautilus.....                   | .....                                  | do do                       |
| Fort Francis.....              | .....                                  | Barge.                                 | Mary Hatch.....                 | 9 00                                   | Paddle, tug.                |
| Dryberry.....                  | 10 96                                  | Screw, tug.                            | May Queen.....                  | 5 32                                   | Screw, tug.                 |
| Cruiser.....                   | 5 48                                   | do do                                  | Saskatchewan...                 | .....                                  | Paddle, tug.                |
| Percy Sutherland               | 8 00                                   | do do                                  | Sir Hector.....                 | .....                                  | Government tug.             |
| Couchiching.....               | .....                                  | do do                                  | Boat on Water<br>Hen River..... | .....                                  | do do                       |
| Glendrevon.....                | 11 84                                  | do do                                  | Alpha.....                      | .....                                  | Stern-paddle, freight.      |
| Marquette.....                 | 22 16                                  | Stern-paddle, freight.                 |                                 |  |                             |

EDMUND R. ABELL,  
Steamboat Inspector, Manitoba, Keewatin and N.W.T.

STEAM Vessels Inspected for the year ended 31st December, 1884.  
BRITISH COLUMBIA DIVISION.

| Name of Vessel.   | Tonnage Dues and<br>Inspection Fees<br>paid. | Remarks.                | Name of Vessel.    | Tonnage Dues and<br>Inspection Fees<br>paid. | Remarks.                 |
|-------------------|--|-------------------------|--------------------|--|--------------------------|
|                   | \$ cts.                                      |                         |                    | \$ cts.                                      |                          |
| Beaver.....       | 14 36  | Tug, paddle.            | Iris .....         | 5 80   | Screw, tug.              |
| Maud.....         | 8 00   | Passenger.              | Sardonyx.....      | 38 24  | do freight.              |
| Grace.....        | 8 32   | Screw, freight.         | Naumselle.....     | 5 25   | Paddle, yacht.           |
| Buzz.....         | 5 32   | do tug.                 | Mermaid.....       | 7 64   | do tug.                  |
| K. de K.....      | 7 44   | Paddle, ferry.          | Neilie Taylor..... | 5 24   | Screw, ferry.            |
| Belle.....        | 12 64  | Screw, tug.             | Elevator.....      | 5 96   | Water boat.              |
| R. Dunsmuir.....  | 22 24  | Paddle, freight.        | Lillie.....        | 6 32   | do                       |
| Skidegate.....    | 6 48   | Screw, fishing.         | Hyack.....         | 6 36   | do                       |
| Otter.....        | 19 56  | do freight.             | Thornton.....      | 11 25  | Screw, freight.          |
| Western Slope.... | 49 28  | Stern-wheel, freight.   | Anna Beck.....     | 12 32  | do do                    |
| Etta White.....   | 13 92  | Screw, tug.             | Woodside.....      | 7 00   | do do                    |
| Adelaide.....     | 14 04  | Stern-wheel, freight.   | Evangeline.....    | 6 56   | do mission yacht         |
| Peerless.....     | 20 32  | do passenger.           | Eva.....           | 7 28   | do fishing.              |
| Spratt's Ark..... | 38 80  | Screw, fishing.         | Alice.....         | 7 16   | Paddle, ferry.           |
| Nellie.....       | 5 12   | do tug.                 | Princess Louise..  | 62 84  | do passenger.            |
| Amelia.....       | 25 24  | Paddle, passenger.      | Barb'ra Boscowitz  | 20 00  | Screw, freight.          |
| Spallumchula....  | 7 20   | do freight.             | Teaser.....        | 19 12  | do passenger.            |
| Lady Dufferin.... | 12 40  | do do                   | Glad Tidings.....  | 6 72   | do gospel steamer.       |
| W. Irving.....    | 27 52  | Stern-wheel, passenger. | R. P. Rithet.....  | 56 64  | Stern-wheel, passenger.  |
| Reliance.....     | 20 56  | do do                   | Westminster.....   | 5 73   | Screw, tug.              |
| Gem.....          | 7 40   | do freight.             | Pilot.....         | 15 32  | do do                    |
| Saanich.....      | 7 64   | do do                   | Emma.....          | 6 40   | do fishing.              |
| Gipsy.....        | 7 00   | do tug.                 | Princess Louise..  | 11 32  | do do                    |
| Enterprise.....   | 31 24  | Paddle, passenger.      | Joe Adams.....     | 5 48   | do not inspected.        |
| Yosemite.....     | 138 00                                       | do do                   | Myra.....          | 8 24   | Stern-wheel, not insp'd. |
| Alexander.....    | 21 24  | do tug.                 | Skuzzy.....        | 20 80  | do do                    |
| Dolphin.....      | 12 64  | Screw, freight.         | Gertrude.....      | 20 16  | do do                    |
| Leonora.....      | 6 32   | do tug.                 | Hope.....          | 8 12   | Screw, tug.              |
| Senator.....      | 6 12   | do ferry.               | Rustler.....       | 6 50   | Paddle, pile-driver.     |



STATEMENT of the Number of Steam Vessels added to the Dominion, during the Year ended 31st December, 1884; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

WEST ONTARIO, HURON AND SUPERIOR DIVISIONS.

| Name of Vessel.      | Horse-power. | Class.      | Wood or Iron. | Gross Tonnage.  | Registered Tonnage. | Where Built.               | Where and how Employed.                |
|----------------------|--------------|-------------|---------------|-----------------|---------------------|----------------------------|--|
| Agnes.....           | 9-63         | Screw.....  | Wood ..       | 23-22           | 15-79               | Meaford, 1884.....         | Georgian Bay, fishing tug.             |
| Sparrow.....         | 7-71         | do .....    | do ...        | 25-23           | 17-06               | Lake Nipissing, 1883.....  | Lake Nipissing, tug.                   |
| Excelsior.....       | 9-63         | do .....    | do ...        | 34-62           | 23-55               | Baysville, 1884.....       | Lake of Bays, passenger.               |
| Mary Louise.....     | 9-13         | do .....    | do ...        | 63-60           | 43-27               | do .....                   | do                                     |
| Sunbeam.....         | 0-80         | do .....    | do ...        | 3-53            | 2-41                | Port Sandfield, 1884.....  | Lakes Joseph and Rosseau, tug.         |
| River Belle.....     | 1-75         | do .....    | do ...        | Not registered. |                     | .....                      | Toronto Harbour, yacht.                |
| Myra.....            | 31-89        | do .....    | do ...        | 73-21           | 36-94               | St. Catharines, 1884... .. | The Lakes, tug.                        |
| Lansdowne.....       | 318-64       | Paddle..... | Iron.....     | 1,571 00        | 907-81              | Wyandotte, U.S., 1884..... | Detroit and Windsor railway ferry.     |
| Energy.....          | 18-60        | Screw.....  | Wood ...      | 116-45          | 70-00               | Wallaceburg, 1884.....     | Detroit and St. Clair Rivers, freight. |
| Shamrock.....        | 3-00         | do .....    | do ...        | 43-00           | 29-00               | Hamilton, 1884.....        | Burlington Bay, excursion boat.        |
| Sir L. Tilley.....   | 116-26       | do .....    | Comp'te       | 1,177-77        | 767-15              | St. Catharines, 1884.....  | The Lakes, freight and passenger.      |
| Florence.....        | 2-94         | do .....    | Wood ...      | 8-42            | 5-72                | Huntsville, 1884.....      | Mary and Fairy Lakes, tug.             |
| Arthabasca.....      | 160-35       | do .....    | Steel.....    | 1,778 65        | 1,147-94            | Glasgow, G.B., 1883.....   | Owen Sound and Port Arthur, passenger. |
| Alberta.....         | 160-35       | do .....    | do .....      | 1,779-33        | 1,155-46            | Whitrusl, G B., 1883.....  | do do do                               |
| Algoma.....          | 160-35       | do .....    | do .....      | 1,773-42        | 1,153-46            | Kelvinghaugh, G.B., 1883   | do do do                               |
| Wm. M. Alderson..... | 15-42        | do .....    | Wood ...      | 121-90          | 98-20               | Port Burwell, 1884.....    | North Shore of Lake Erie, passenger.   |

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year, &c. — West Ontario, Huron and Superior Division—Continued.

| Name of Vessel.         | Horse-power. | Class.     | Wood or Iron. | Gross Tonnage. | Registered Tonnage. | Where Built.             | Where and how Employed.             |
|-------------------------|--------------|------------|---------------|----------------|---------------------|--------------------------|-------------------------------------|
| Nellie May.....         | 2 10         | Screw..... | Wood...       | 11 30          | 8 80                | Port Burwell, 1884.....  | Fishing tug, Port Bruce, Lake Erie. |
| Anne Clark.....         | 17 97        | do .....   | do ...        | 50 71          | 34 49               | Collingwood, 1884.....   | do Georgian Bay.                    |
| John Harrison.....      | 17 97        | do .....   | do ...        | 43 61          | 29 66               | Owen Sound.....          | Tug, Owen Sound.                    |
| Chas Kelly .....        | 39 84        | do .....   | do ...        | 261 03         | 177 51              | Chicago, U.S., 1862..... | Tug, wrecking on Lakcs.             |
| Queen of the Isles..... | 2 70         | do .....   | do ...        | 9 59           | 6 52                | Sodus, U.S., 1873.....   | Yacht, Orillia.                     |
| Ella Alice.....         | 1 86         | do .....   | do ...        | 7 27           | 4 94                | Barrie, 1884.....        | do Barrie.                          |
| Blandina.....           | 5 77         | do .....   | do ...        | 48 39          | 31 55               | Bronte, 1884.....        | do Hamilton.                        |

W. J. MENEILLEY,  
Steamboat Inspector.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended 31st December, 1884; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

WEST ONTARIO, HURON AND SUPERIOR DIVISIONS.

| Name of Vessel.       | Horse-power. | Class.      | Wood or Iron. | Gross Tonnage. | Registered Tonnage. | Where Built.             | Where and How Employed.              |
|-----------------------|--------------|-------------|---------------|----------------|---------------------|--------------------------|--------------------------------------|
| John Hanlan.....      | 7-72         | Screw.....  | Wood ..       | 36 96          | 25-13               | Port Dalhousie, Ont..... | Ferry steamer, Toronto Bay.          |
| *W. H. Pringle.....   | 69-46        | do .....    | do ..         | 256-28         | 174-28              | Saginaw, U.S.....        | Wrecking tug on upper lakes.         |
| United Lumbermen..... | 46-16        | do .....    | do ..         | 398 91         | 258-66              | Dresden, Ont.....        | Lumber barge do                      |
| Inez.....             | 31-26        | do .....    | do ..         | 59 10          | 34-45               | Welland, Ont.....        | Tug on Welland canal.                |
| *Mazepps.....         | 13-11        | do .....    | do ..         | 145-59         | 87-17               | Toronto, Ont.....        | Excursion steamer, Toronto.          |
| Annie Watt.....       | 13-77        | do .....    | do ..         | 61-82          | 42-04               | Lion's Head, Ont.....    | Passenger steamer, Georgian Bay.     |
| Owen.....             | 24-32        | do .....    | do ..         | 102 84         | 67-51               | Chatham, Ont.....        | Freight barge, Lakes Erie and Huron. |
| Gordon Gauthier.....  | 9-19         | do .....    | do ..         | 20-84          | 14-16               | Wallaceburgh, Ont.....   | Fishing tug, Lake Huron.             |
| Edward Blake.....     | 7-15         | do .....    | do ..         | 12-60          | 8-76                | Port Robinson, Ont.....  | Tug, Welland Canal.                  |
| General Wolseley..... | 30-02        | Paddle..... | do ..         | 122-85         | 70-25               | Oakville, Ont.....       | Excursion steamer, Lake Ontario.     |
| Juanita.....          | 1-19         | Screw.....  | do ..         | 4-89           | 3-39                | Hamilton, Ont.....       | Pleasure yacht, Wanbaushene.         |
| Grace Darling.....    | 6-36         | do .....    | do ..         | 26-48          | 18-00               | Wallaceburgh, Ont.....   | Tug, Sydenham River.                 |
| Ripple.....           | 3-84         | do .....    | do ..         | 19 62          | 13-34               | Chatham, Ont.....        | Tug, Thames River.                   |
|                       |              |             |               | 1268-76        | 817-14              |                          |                                      |

\*Name changed by permission of Department to "International" since inspection.

OLIVER P. SR. JOHN,  
Steamboat Inspector.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended the 31st December, 1884; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

EAST ONTARIO DIVISION.

| Name of Vessel. | Horse-power. | Class.      | Wood or Iron. | Gross Tonnage. | Registered Tonnage. | Where Built.    | Where and How Employed.          |
|-----------------|--------------|-------------|---------------|----------------|---------------------|-----------------|----------------------------------|
| Raindeer.....   | 9.00         | Screw.....  | Wood...       | 58.29          | 33.53               | Kingston.....   | Passenger, Bay of Quinte.        |
| Ivy.....        | 3.56         | do.....     | do...         | 7.43           | 5.30                | Brockville..... | Steam yacht, River St. Lawrence. |
| "G".....        | 0.75         | do.....     | do...         | 2.98           | 2.03                | Kingston.....   | Passenger do                     |
| Gilbert.....    | 35.22        | do.....     | do...         | 40.82          | 28.03               | Cardinal.....   | Tug do                           |
| Esturion.....   | 31.39        | Paddle..... | do...         | 117.87         | 80.16               | Boboygeon.....  | Passenger, Lindsay Waters.       |
| Maple Leaf..... | 3.84         | Screw.....  | do...         | 28.08          | 17.74               | Lindsay.....    | do do                            |
| Dominion.....   | 20.00        | Paddle..... | do...         | 45.88          | 28.91               | do.....         | Tug do                           |
| Ida.....        | 9.54         | Screw.....  | do...         | 213.27         | 131.28              | Deseronto.....  | Passenger, Rideau Canal.         |
| Alaska.....     | 12.00        | do.....     | do...         | 43.74          | 35.71               | Buffalo.....    | do River St. Lawrence.           |
|                 | 125.30       |             |               | 561.36         | 362.69              |                 |                                  |

EDWARD ADAMS,  
Steamboat Inspector.

STATEMENT of the Number of Steam Vessels added to the Dominion, during the Year ended the 31st December, 1884; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

MONTRÉAL DIVISION.

| Name of Vessel.       | Horse-power. | Class.             | Wood or Iron. | Gross Tonnage.   | Registered Tonnage. | Where Built.             | Where and How Employed.                                |
|-----------------------|--------------|--------------------|---------------|------------------|---------------------|--------------------------|--|
| SS. Bonavista.....    | 160 00       | Screw .....        | Iron.....     | 1,306            | 836                 | Newcastle, England ..... | Montreal and St. John's, Nfld., freight and passenger. |
| Nosbonsing.....       | 6 00         | do .....           | Wood ..       | 25               | 19                  | Callander .....          | On Lake Nosbonsing, towing.                            |
| H. Bonnefant .....    | 4 00         | Centre-wheel ..... | do ...        | Reg. not compld. |                     | .....                    | Ferry at Bout de Lisle.                                |
| #3 Crusier .....      | 18 00        | Screw .....        | do ...        | 55               | 24                  | Brockville .....         | Pleasure yacht.  |
| Vesta .....           | 3 00         | do .....           | do ...        | 14               | 7                   | Ottawa .....             | do   |
| Alert .....           | 2 00         | do .....           | do ...        | 5                | 2                   | Not known .....          | do   |
| Lulu .....            | 0 05         | do .....           | do ...        | 2                | 1                   | do .....                 | do   |
| L'Isle aux Noix ..... | 4 00         | do .....           | do ...        | 14               | 7                   | St. John's .....         | About St. John's, carrying passengers.                 |
| Bella .....           | 2 00         | do .....           | do ...        | 3                | 2                   | Not known .....          | Pleasure yacht.  |
| Janet Craig.....      | 5 00         | do .....           | do ...        | 12               | 6                   | Bristol .....            | Bristol & Sand Point, carrying passengers.             |
|                       | 204 05       |                    |               | 1,436            | 904                 |                          |  |

JOHN BURGESS,  
Steamboat Inspector.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended the 31st December, 1884; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

QUEBEC DIVISION.

| Name of Vessel. | Horse-power. | Class.         | Wood or Iron. | Gross Tonnage. | Registered Tonnage. | Where Built.            | Where and How Employed.                               |
|-----------------|--------------|----------------|---------------|----------------|---------------------|-------------------------|---|
| Polaris .....   | 100.86       | Screw ..       | Wood ...      | 533            | 336                 | Lévis, 1883.....        | Ferry passenger, winter and summer, Lévis and Quebec. |
| Pilot.....      | 59 08        | do .....       | do ..         | 427            | 269                 | do 1884.....            | Winter ferry, Quebec and Lévis.....                   |
| Vega .....      | 17.06        | do .....       | do ..         | 132            | 83                  | do 1884.....            | Passenger, Lake and Gulf.....                         |
| Pilgrim.....    | 30.97        | Side-wheel.... | do ..         | 336            | 206                 | St. Nicholas, 1884..... | do St. Nicholas and Quebec.                           |
|                 | 209.23       |                |               | 1,428          | 694                 |                         |   |

JOS. SAMSON,  
Steamboat Inspector.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended 31st December, 1884; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

| Name of Vessel.    | Horse-power. | Class.                | Wood or Iron. | Gross Tonnage. | Registered Tonnage. | Where Built.               | Where and how Employed.  |
|--------------------|--------------|-----------------------|---------------|----------------|---------------------|----------------------------|--|
| Arcadia.....       | 10           | Passenger.....        | Wood...       | 62             | 41                  | Yarmouth, N.S., 1884.....  | Yarmouth, Westport and Cape Island, N.S.                                   |
| Island Gem.....    | 3-25         | Freight.....          | do ..         | 16             | 10                  | do do .....                | Fishing and freight, Cape Island, N.S.                                     |
| Carrie.....        | 3            | do .....              | do ..         | 14             | 7                   | do do .....                | do do  |
| Sibella H.....     | 20           | Ferry.....            | do ..         | 70             | 47                  | Chatham, N.B., 1884.....   | Ferry at Chatham, Miramichi River, N.B.                                    |
| Melburne.....      | 2            | Yacht and tug.....    | do ..         | 5              | 3                   | Chatham, N.B., 1882.....   | Tug and yacht, St. John Harbour and River, N.B.                            |
| Meta.....          | 4            | do .....              | do ..         | 5              | 1                   | Gondola Point, N.B., 1884. | Private yacht and tug, St. John Riv., N.B.                                 |
| Mayflower.....     | 4-05         | Tug.....              | do ..         | 18             | 10                  | Halifax, N.S., 1884.....   | Screw, tug, Halifax Harbour, N.S.  |
| St. Pierre.....    | 94           | Passenger.....        | do ..         | 476            | 275                 | Yarmouth, N.S., 1884.....  | do passenger, Halifax, Sydney and St. Pierre.                              |
| St. Michael.....   | 16           | Tug.....              | do ..         | 39             | 26                  | Chatham, N.B.....          | do tug, Chatham, N.B.  |
| Zaidee.....        | 5            | do .....              | do ..         | 18             | 12                  | Dartmouth, N.S.....        | do do and water boat, Sydney, C.B.   |
| Summerside.....    | 50           | Passenger.....        | Iron.....     | 360            | 228                 | Great Britain.....         | Passenger and freight, Prince Edward Island, Nova Scotia and New Brunswick |
| Mable Freeman..... | 5            | Tug.....              | Wood...       | 24             | 15                  | Yarmouth, N.S.....         | Screw, tug, Lockeport, N.S.  |
| Lansdowne.....     | 75-25        | Dominion Steamer..... | do ..         | 680            | .....               | Maccan, N.S, 1884.....     | do steamer, Dom. Gov. Lighthouse and Fog Alarm Supply Service.             |

WM. SMITH,  
 Deputy Chairman, Board of Steamboat Inspection.  
 C. R. COKER,  
 Dominion Inspector of Hulls.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended the 31st December, 1884; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

MANITOBA AND KEEWATIN DIVISION.

| Name of Vessel.    | Horse-power. | Class.             | Wood or Iron. | Gross Tonnage. | Registered Tonnage. | Where Built.                      | Where and how Employed.                                    |
|--------------------|--------------|--------------------|---------------|----------------|---------------------|-----------------------------------|--|
| Thistle.....       | 1.41         | Screw, tug.....    | Wood ..       | 23.33          | 13.86               | Fort Francis.....                 | Tug, on Lake of the Woods.                                 |
| Grahame.....       | 27.84        | Stern-paddle ..... | do ..         | 332.18         | 220.04              | Fort Chipewyan.....               | Ports and places on the Athabasca, Peace and Slave Rivers. |
| Marquis.....       | 83.74        | do .....           | do ..         | 763.78         | 474.87              | Winnipeg, Man.....                | Passenger and freight, on North Saskatchewan.              |
| Baroness.....      | 49.08        | do .....           | do ..         | 320.04         | 201.63              | South Saskatchewan, N.W.T.        | Tug and freight, on South Saskatchewan.                    |
| Alberta.....       | 30.30        | do .....           | do ..         | 150.07         | 85.72               | do do ..                          | do do  |
| Minnow.....        | 5.79         | do .....           | do ..         | 20.05          | 15.27               | do do ..                          | Pleasure yacht.  |
| Saskatchewan.....  | 39.72        | Paddle.....        | do ..         | 336.84         | 212.21              | Westbourne, Man.....              | Tug, on Lake Manitoba.                                     |
| Fleetwing.....     | 3.77         | Screw.....         | do ..         | 40.40          | 27.48               | Big Forks, Rainy River, Keewatin. | Tug, on Lake of the Woods.                                 |
| Butcher's Boy..... | 17.74        | do .....           | do ..         | 214.06         | 145.93              | Rebuilt, Port Arthur.....         | Freight, on north shore of Lake Superior.                  |
| Houghton.....      | 19.17        | do .....           | do ..         | 61.84          | 30.58               | Sault St. Marie.....              | Tug do do  |

EDMUND R. ABELL,  
Steamboat Inspector.



STATEMENT of the 'number of Steam Vessels added to the Dominion during the Year ended the 31st December, 1884; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

BRITISH COLUMBIA DIVISION.

| Name of Vessel.   | Horse-power. | Class.            | Wood or Iron. | Gross Tonnage. | Registered Tonnage. | Where Built.             | Where and how Employed.                    |
|-------------------|--------------|-------------------|---------------|----------------|---------------------|--------------------------|--|
| Belle.....        | 12·00        | Screw.....        | Wood...       | 66·62          | 45·30               | New Westminster.....     | Towing, coast of British Columbia.         |
| Saanich.....      | 6·00         | Stern-wheel.....  | do ...        | 65·92          | 34·98               | Victoria.....            | Freight, Saanich and Victoria.             |
| Mermaid ...       | 26·00        | Paddle.....       | do ...        | 66·25          | 44·00               | do .....                 | Towing, Burrard Inlet, B.C.....            |
| Amelia.....       | 50·00        | do .....          | do ...        | 430·97         | 222·08              | San Francisco, U.S. .... | Freight and pass., Victoria and Nanaimo.   |
| Hope.....         | 4·07         | Screw.....        | do ...        | 78·49          | 48·00               | Seattle, U.S.....        | Towing, coast of British Columbia.         |
| Teaser.....       | 13·00        | Twin-screw .....  | do ...        | 152·64         | 98·05               | Victoria .....           | Freight and pass., Vict. and Fraser River. |
| Glad Tidings..... | 3·13         | Screw.....        | do ...        | 43·02          | 27·15               | New Westminster.....     | Missionary steamer, British Columbia.      |
| Gipsy.....        | 0·74         | Stern-wheel ..... | do ...        | 49·63          | 31·28               | do .....                 | Towing, Fraser River, do                   |
| Naunselle.....    | 0·05         | Paddle.....       | do ...        | 6·50           | 4·00                | Fraser River.....        | Private yacht.                             |
| Rustler.....      | 2·05         | do .....          | do ...        | 39·65          | 25·00               | do .....                 | Pile-driving, Fraser River, B.C.           |

EDWARD S. VIGOR,  
Steamboat Inspector.

STATEMENT of Steam Vessels lost, broken up, or laid up, as unfit for service, in the Dominion, during the Year ended 31st December, 1884; and where and how Employed.

## WEST ONTARIO, HURON AND SUPERIOR DIVISION.

| Name of Vessel.     | Where and how Employed.     | Name of Vessel. | Where and how Employed. |
|---------------------|-----------------------------|-----------------|-------------------------|
| Fortune.....        | The Lakes, freight.         | Jerome.....     | Sydenhan River, tug.    |
| Victoria.....       | St. Clair River, freight.   | Niagara.....    | Welland Canal do        |
| City of Guelph..... | Lake Puslinch, passenger.   | Comet.....      | Georgian Bay do         |
| Europe.....         | The Lakes, passenger.       | Helena.....     | Lake of Bays do         |
| Princess of Wales.  | Toronto Harbour, passenger. |                 |                         |

## EAST ONTARIO DIVISION.

|                    |  |                   |   |
|--------------------|--|-------------------|---|
| Prince Edward. ... | On Bay of Quinté, as ferry between Belleville and Rosmore; was burned. | Wren.....         | On River St. Lawrence, as a tug; past service.  |
| Victoria..         | On Lindsay waters, carrying passengers; was burned.                    | Adventure.....    | On Rideau Canal, as a freight boat; machinery taken out and converted into a tow barge. |
| Maple Leaf.....    | On Lindsay waters, as a tug; past service.                             | H. B. Sherwood... | On Bay of Quinté, as a tug; was burned.   |

## MONTREAL DIVISION.

|                     |  |                |  |
|---------------------|--|----------------|--|
| Ripple.....         | Pembroke to Alumette Island, passengers. | John Egan..... | Pembroke and Joachim, towing and passengers. |
| Jessie Cassels..... | On De Chene Lake, passengers.            | Fawn.....      | Montreal and Ottawa, towing.                 |
| Milford.....        | St. Lawrence and Ottawa River, towing.   | Canada.....    | do do do                                     |
| Carolina.....       | Montreal and Ottawa, freight.            |                |  |

## QUEBEC DIVISION.

|                 |  |                    |  |
|-----------------|--|--------------------|--|
| Saguenay.....   | Paddle, passenger, Quebec to Saguenay.     | C. W. Jones.....   | Screw, tug, Quebec Harbour.                |
| Samson.....     | Paddle, tug, Quebec.                       | Abyssinian.....    | Paddle, passenger, Quebec and Montreal.    |
| Laurentide..... | Paddle, passenger, Quebec to St. Nicholas. | Maid of Canada.... | Paddle, passenger, Montreal and Laprairie. |
| South.....      | Paddle, ferry, Quebec and Levis            |                    |  |

STATEMENT of Steam Vessels lost, broken up, or laid up, as unfit for service, in the Dominion, &c.—*Concluded.*

MARITIME PROVINCES DIVISION.

| Name of Vessel. | Where and How Employed. | Name of Vessel.   | Where and how Employed. |
|-----------------|-------------------------|-------------------|-------------------------|
| Teaser.....     | Ferry, Chatham, N.B.    | Maggie Noble..... | Ferry, Rothesay, N.B.   |
| Victor.....     | Tug, St. John, N.B.     |                   |                         |

MANITOBA, KEERWATIN AND NORTH-WEST DIVISION.

|               |                    |           |                            |
|---------------|--------------------|-----------|----------------------------|
| Jennie S..... | Lake of the Woods. | Lily..... | On the Saskatchewan River. |
|---------------|--------------------|-----------|----------------------------|

BRITISH COLUMBIA DIVISION.

|                   |                        |             |                        |
|-------------------|------------------------|-------------|------------------------|
| Mande.....        | Passenger and freight. | Maggie..... | Towing, Burrard Inlet. |
| Wilson G. Hunt... | Passenger and freight. | Ruby.....   | Passenger and freight. |

## APPENDIX No. 2.

LIST of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels by the Department of Marine, from 26th December, 1883, to 31st December, 1884.

## SERVICE.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                          | Address.             | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|---------------------------------|----------------------|-------------------------------|---------|
|                     | 1883.                |                           |                                 |                      |                               | \$ cts. |
| 1                   | Dec. 26...           | Charles Harper .....      | Master, fore and aft, coasting. | Portland, N.B.....   | St John.....                  | 4 00    |
| 2                   | do 26...             | William Gale .....        | do .....                        | do .....             | do .....                      | 4 00    |
| 3                   | do 26...             | George F. Glass.....      | do .....                        | St. John, N.B.....   | do .....                      | 4 00    |
| 4                   | do 26...             | Richard Evans.....        | do .....                        | do .....             | do .....                      | 4 00    |
| 5                   | do 26...             | Chas. W. Starkey.....     | do .....                        | Portland, N.B.....   | do .....                      | 4 00    |
| 6                   | do 26...             | Peter McIntyre.....       | do .....                        | do .....             | do .....                      | 4 00    |
| 7                   | do 26...             | Henry Horatio Lawson...   | do .....                        | St. John, N.B.....   | do .....                      | 4 00    |
| 8                   | do 26...             | W. Wallace Sommerville    | do .....                        | Springfield, N.B.... | do .....                      | 4 00    |
| 9                   | do 28...             | Edwin Shalor Holder.....  | do .....                        | Portland, N.B.....   | do .....                      | 4 00    |
| 10                  | do 28...             | Noah Hanson Urquhart...   | do .....                        | do .....             | do .....                      | 4 00    |
| 11                  | do 28...             | William A. Harvey .....   | do .....                        | Cheverie, N.S.....   | Halifax.....                  | 4 00    |
| 12                  | do 28...             | Gilbert Dexter.....       | do .....                        | do .....             | do .....                      | 4 00    |
| 13                  | do 28...             | Henry Franklin Bissett... | do .....                        | St. Peter's, C.B.... | do .....                      | 4 00    |
| 14                  | do 28...             | Etienne Deveau .....      | do .....                        | Saulnierville, N.S.  | Yarmouth .....                | 4 00    |
| 15                  | do 28...             | Vincent Gabriel Comeau    | do .....                        | Meteghan, N.S.....   | do .....                      | 4 00    |
| 16                  | do 28...             | Geo. Ward German.....     | do .....                        | do .....             | do .....                      | 4 00    |
| 17                  | do 31...             | Walter Ludlow McLean.     | do .....                        | Portland, N.B.....   | St. John.....                 | 4 00    |
| 18                  | do 31...             | Robert Gale .....         | do .....                        | do .....             | do .....                      | 4 00    |
| 19                  | do 31...             | Rod. Alonzo Cameron....   | do .....                        | do .....             | do .....                      | 4 00    |
| 20                  | do 31...             | Edw. Caldwell Elkin.....  | do .....                        | St. John, N.B.....   | do .....                      | 4 00    |
| 21                  | do 31...             | Peter D'Eon .....         | do .....                        | Pubnico, N.S.....    | Yarmouth .....                | 4 00    |
| 22                  | do 31...             | Jno. Alex. Stuart.....    | Mate, fore and aft, coasting.   | Church Point, N.S.   | do .....                      | 2 00    |

List of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                             | Address.                        | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|------------------------------------|---------------------------------|-------------------------------|---------|
|                     | 1883.                |                          |                                    |                                 |                               | \$ cts. |
| 23                  | Dec. 31...           | Whitman Giffin .....     | Master, fore and aft,<br>coasting. | Isaac's Harbor, N.S.            | Halifax .....                 | 4 00    |
| 24                  | do 31...             | Isaac Willington Bagnell | do                                 | Sydney, C.B.....                | do .....                      | 4 00    |
| 25                  | do 31...             | James Young .....        | do                                 | Lunenburg, N.S....              | do .....                      | 4 00    |
| 26                  | do 31...             | Thomas Townsend .....    | do                                 | Louisburg, N.S....              | do .....                      | 4 00    |
| 27                  | do 31...             | Lauchlin McDonald .....  | do                                 | Framboise, C.B....              | do .....                      | 4 00    |
| 28                  | do 31...             | James Conrad .....       | do                                 | Park's Creek, La-<br>Have, N.S. | do .....                      | 4 00    |
| 29                  | do 31...             | Nathan Hiltz .....       | do                                 | Mahone Bay, N.S..               | do .....                      | 4 00    |
| 30                  | do 31...             | George Cripps .....      | do                                 | St. John, N.B. ....             | St. John.....                 | 4 00    |
| 31                  | do 31...             | Chas. Wm. Peck.....      | do                                 | Carleton, St. John,<br>N.B.     | St. John.....                 | 4 00    |
| 32                  | do 31...             | Robt. Henry Seely .....  | do                                 | do                              | do .....                      | 4 00    |
| 33                  | do 31...             | Chas. Foster .....       | do                                 | St. John, N.B. ....             | do .....                      | 4 00    |
| 34                  | do 31...             | Geo. Norman Cleaveland   | do                                 | Margaretsville, N.S.            | Halifax .....                 | 4 00    |
| 35                  | do 31...             | Jas. E. Brown .....      | do                                 | Barrington, N.S....             | do .....                      | 4 00    |
| 36                  | do 31...             | Parker Nichols .....     | Mate, fore and aft,<br>coasting.   | Portland, N.B. ....             | St. John.....                 | 2 00    |
|                     | 1884.                |                          |                                    |                                 |                               |         |
| 37                  | Jan. 7...            | Jno. Lawrence Mowry...   | Master, fore and aft,<br>coasting. | do                              | do .....                      | 4 00    |
| 38                  | do 7...              | Stephen Albert Durant... | do                                 | St. John, N.B. ....             | do .....                      | 4 00    |
| 39                  | do 7...              | Cæsar Doucett .....      | do                                 | Tusket Wedge, N.S.              | Yarmouth .....                | 4 00    |
| 40                  | do 9...              | Wm. Hamlyn.....          | do                                 | Lancaster, N.B. ....            | St. John.....                 | 4 00    |
| 41                  | do 15...             | Lemuel Horton .....      | do                                 | Margaretsville, N.S.            | Halifax .....                 | 4 00    |
| 42                  | do 15...             | Thos. G. Starkey .....   | do                                 | Portland, N.B. ....             | St. John.....                 | 4 00    |
| 43                  | do 15...             | Wm. Blake Knox .....     | do                                 | St. John, N.B. ....             | do .....                      | 4 00    |
| 44                  | do 15...             | Thos. Allan Williams.... | do                                 | Westfield, N.B. ....            | do .....                      | 4 00    |
| 45                  | do 15...             | Geo. Wm. Erb .....       | do                                 | Portland, N.B. ....             | do .....                      | 4 00    |
| 46                  | do 15...             | Alonzo Allan McLean....  | do                                 | St. John, N.B. ....             | St. John.....                 | 4 00    |
| 47                  | do 15...             | Wm. Alfred Goodwin ....  | do                                 | Argyle, N.S. ....               | Yarmouth .....                | 4 00    |
| 48                  | do 15...             | Jno. Constant Deveau.... | Mate, fore and aft,<br>coasting.   | Meteghan River,<br>N.S.         | do .....                      | 2 00    |
| 49                  | do 15...             | Nicholas Surrette .....  | Master, square rig..               | do                              | do .....                      | 4 00    |
| 50                  | do 15...             | Thos. German.....        | do                                 | do                              | do .....                      | 4 00    |

LIST of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                                 | Address.                       | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--|--------------------------------|-------------------------------|---------|
|                     | 1884.                |                           |  |                                |                               | \$ cts. |
| 51                  | Jan. 17...           | William O'Leary.....      | Master, fore and aft,<br>coasting.     | West Quoddy, N.S.              | Halifax .....                 | 4 00    |
| 52                  | do 19...             | Theophilus H. Creasor.... | do                                     | Lahave, Lunenburg<br>Co., N.S. | do .....                      | 4 00    |
| 53                  | do 19...             | James A. Romkey.....      | do                                     | Ritcey's Cove, N.S.            | do .....                      | 4 00    |
| 54                  | do 19...             | Reuben Romkey .....       | do                                     | Lahave, N.S. ....              | do .....                      | 4 00    |
| 55                  | do 19...             | Edward Crossley .....     | do                                     | Mount Denson, N.S.             | do .....                      | 4 00    |
| 56                  | do 19...             | Edward Bonnell .....      | do                                     | Halifax, N.S.....              | do .....                      | 4 00    |
| 57                  | do 19...             | Francis Haley .....       | do                                     | St. John, N.B.....             | St. John.....                 | 4 00    |
| 58                  | do 19...             | Frank Gould Gough .....   | do                                     | Harvey, N.B. ....              | do .....                      | 4 00    |
| 59                  | do 19...             | Wm. Thos. Bailey .....    | do                                     | West Dublin, N.S.              | Halifax .....                 | 4 00    |
| 60                  | do 19 ..             | David Weston .....        | Master, steamship,<br>in the coasting. | Portland, N.B.....             | St. John. ....                | 4 00    |
| 61                  | do 21...             | Jno. Edw. Tutty.....      | Mate, fore and aft,<br>coasting.       | Louisburg, N.S....             | Halifax .....                 | 2 00    |
| 62                  | do 21...             | Saml. Jas. Hingley .....  | Master, fore and aft,<br>coasting.     | Port Hillford, N.S.            | do .....                      | 4 00    |
| 63                  | do 21...             | James H. Rood.....        | Master, steamship .                    | do ..                          | do .....                      | 4 00    |
| 64                  | do 21...             | John Edw. Lohnes.....     | Master, fore and aft.                  | Middle LaHave, N.S.            | do .....                      | 4 00    |
| 65                  | do 21...             | James H. Creasor, jun ... | do                                     | LaHave, N.S.....               | do .....                      | 4 00    |
| 66                  | do 23...             | Hugh McLean .....         | Master, steamship...                   | Charlotte town<br>P.E.I.       | Charlottetown                 | 4 00    |
| 67                  | do 23...             | Richard Wells Suttis..... | Mate, steamship....                    | Halifax, N.S .....             | Halifax .....                 | 2 00    |
| 68                  | do 23...             | Eben Crosby .....         | Master, fore and aft.                  | Kelley's Cove, N.S.            | Yarmouth.....                 | 4 00    |
| 69                  | do 23...             | Jas. Wm. Geldert. ....    | do                                     | Lunenburg, N.S....             | Halifax .....                 | 4 00    |
| 70                  | do 23...             | Jas. Henry Shankle .....  | do                                     | Middle LaHave, N.S.            | do .....                      | 4 00    |
| 71                  | do 23...             | Jas. Wm. Lohnes.....      | do                                     | LaHave, N.S .....              | do .....                      | 4 00    |
| 72                  | do 25...             | Henry Sylvester Seely.... | do                                     | Parish Lancaster,<br>N.B.      | St. John .....                | 4 00    |
| 73                  | do 25...             | Alexander Corbett.....    | do                                     | Londonderry, N.S.              | do .....                      | 4 00    |
| 74                  | do 25...             | George Edgar Finley.....  | do                                     | Portland, N.B .....            | do .....                      | 4 00    |
| 75                  | do 25...             | Fred. Raymond Fowler...   | do                                     | do .....                       | do .....                      | 4 00    |
| 76                  | do 25...             | Edw. Warren Brown.....    | do                                     | Greenwich, N.B ...             | St. John.....                 | 4 00    |
| 77                  | do 25...             | George Edward Stevens.    | do                                     | Carleton, N.B.....             | do .....                      | 4 00    |
| 78                  | do 29...             | Reuben Ritcey.....        | do                                     | Ritcey's Cove, N.S.            | Halifax .....                 | 4 00    |
| 79                  | do 29...             | Jno. Daniel Lohnes.....   | do                                     | do .....                       | do .....                      | 4 00    |

LIST of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—*Continued.*

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                             | Address.            | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|------------------------------------|---------------------|-------------------------------|---------|
|                     | 1884.                |                          |                                    |                     |                               | \$ cts. |
| 80                  | Jan. 29...           | Isaac Porter .....       | Master, square rig,<br>coasting.   | Tusket Wedge, N.S.  | Yarmouth .....                | 4 00    |
| 81                  | do 29...             | Jas. Alfred Loye.....    | Master, fore and aft,<br>coasting. | Lunenburg, N.S. ... | Halifax.....                  | 4 00    |
| 82                  | do 29...             | Wm. Somerville Rawding   | do .....                           | Canada Creek, N.S.  | do .....                      | 4 00    |
| 83                  | do 29...             | Hugh Norman Murray....   | do .....                           | Cape George, C.B.   | do .....                      | 4 00    |
| 84                  | do 29...             | Neil Campbell .....      | Master, square rig,<br>coasting.   | Halifax, N.S.....   | do .....                      | 4 00    |
| 85                  | do 30...             | Christian Geldert.....   | Master, fore and aft,<br>coasting. | Lunenburg, N.S....  | do .....                      | 4 00    |
| 86                  | do 30...             | Jas. Wm. Westhaver.....  | do .....                           | Mahone Bay, N.S...  | do .....                      | 4 00    |
| 87                  | do 30...             | Chas. Ingram McBride...  | do .....                           | Harborville, N.S... | do .....                      | 4 00    |
| 88                  | do 30...             | George Hall .....        | do .....                           | Lunenburg, N.S...   | do .....                      | 4 00    |
| 89                  | do 31...             | Wm. Hamm .....           | do .....                           | do .....            | do .....                      | 4 00    |
| 90                  | do 31...             | Elias Walter .....       | do .....                           | do .....            | do .....                      | 4 00    |
| 91                  | do 31...             | Joseph Ormiston.....     | do .....                           | Gabarus, C.B.....   | do .....                      | 4 00    |
| 92                  | do 31...             | Chas. Ormiston.....      | do .....                           | do .....            | do .....                      | 4 00    |
| 93                  | do 31...             | Edward Naugle.....       | do .....                           | Lunenburg, N.S....  | do .....                      | 4 00    |
| 94                  | do 31...             | David McLarren Spinney   | do .....                           | Lower Argyle, N.S   | Yarmouth.....                 | 4 00    |
| 95                  | do 31...             | Saml. Richardson Giffin. | do .....                           | Isaac's Harbor, N.S | Halifax.....                  | 4 00    |
| 96                  | do 31...             | Rufus Mossman .....      | do .....                           | Kingsburg, N.S....  | do .....                      | 4 00    |
| 97                  | do 31...             | John McDonald.....       | do .....                           | Big Bras d'Or, C.B  | do .....                      | 4 00    |
| 98                  | Feb. 1...            | Wm. Nathaniel Jost.....  | do .....                           | Lunenburg, N.S....  | do .....                      | 4 00    |
| 99                  | do 1...              | Samuel Cupples.....      | Master, square rig,<br>coasting.   | Canning, N.S.....   | do .....                      | 4 00    |
| 100                 | do 1...              | Geo. Myra .....          | Master, fore and aft,<br>coasting. | Lunenburg, N.S....  | do .....                      | 4 00    |
| 101                 | do 1...              | Kenneth Holland.....     | do .....                           | do .....            | do .....                      | 4 00    |
| 102                 | do 1...              | Lemuel Smith.....        | do .....                           | Lower LaHave, N.S   | do .....                      | 4 00    |
| 103                 | do 1...              | Daniel Zink.....         | do .....                           | Lunenburg, N.S....  | do .....                      | 4 00    |
| 104                 | do 1...              | Wm. Miller .....         | do .....                           | do .....            | do .....                      | 4 00    |
| 105                 | do 5...              | Neil Saml. Townsend..... | Master, square rig,<br>coasting.   | Louisburg, C.B....  | do .....                      | 4 00    |
| 106                 | do 5...              | Stephen Oxner.....       | Master, fore and aft,<br>coasting. | La Have, N.S.....   | do .....                      | 4 00    |
| 107                 | do 5...              | Jos. Martin Ritcey.....  | do .....                           | Ritcey's Cove, N.S  | do .....                      | 4 00    |
| 108                 | do 5...              | Simeon Ritcey.....       | do .....                           | do .....            | do .....                      | 4 00    |

List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—Continued

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                          | Address.               | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|---------------------------------|------------------------|-------------------------------|---------|
|                     | 1884.                |                           |                                 |                        |                               | \$ cts. |
| 109                 | Feb. 5...            | Alex. Eissenhauer.....    | Master, fore and aft, coasting. | Lunenburg, N.S....     | Halifax.....                  | 4 00    |
| 110                 | do 5...              | Thomas Romkey.....        | do                              | Lower LaHave, N.S.     | do .....                      | 4 00    |
| 111                 | do 5...              | Hiram Hayward.....        | do                              | West Dublin, N.S.      | do .....                      | 4 00    |
| 112                 | do 5...              | John Gault Murray.....    | do                              | Halifax, N.S.....      | do .....                      | 4 00    |
| 113                 | do 6...              | Jas. Campbell McDonald    | do                              | Baddeck, C.B.....      | do .....                      | 4 00    |
| 114                 | do 6...              | John Henry Mosher.....    | do                              | Halifax, N.S.....      | do .....                      | 4 00    |
| 115                 | do 6...              | Jos. Nelson Parks.....    | do                              | Petit Rivière, N.S.    | do .....                      | 4 00    |
| 116                 | do 6...              | Thos. Ken. Smith Doane    | Master, square rig, coasting.   | Hebron, N.S.....       | Yarmouth .....                | 4 00    |
| 117                 | do 6...              | Nathan Goodwin.....       | Master, fore and aft, coasting. | Lower Argyle, N.S.     | do .....                      | 4 00    |
| 118                 | do 6...              | Thos. Andrew Card.....    | Master, square rig, coasting.   | Somerville, N.S....    | Halifax.....                  | 4 00    |
| 119                 | do 9...              | Patrick Mullagan.....     | Master, fore and aft, coasting. | Salmon River, N.B.     | St. John.....                 | 4 00    |
| 120                 | do 9...              | James Louis Driscoll..... | do                              | Carleton, N.B.....     | do .....                      | 4 00    |
| 121                 | do 9...              | Geo. Rufus McDonough..    | do                              | St. Martin's, N.B...   | do .....                      | 4 00    |
| 122                 | do 9...              | Robt. Martin Mehaffey...  | do                              | Rockport, N.B.....     | do .....                      | 4 00    |
| 123                 | do 9...              | Geo. Guilford Seely.....  | do                              | St. John, N.B.....     | do .....                      | 4 00    |
| 124                 | do 9...              | Danl. Callaghan Quinlen   | do                              | Carleton, N.B.....     | do .....                      | 4 00    |
| 125                 | do 9...              | Alex. Angus McIntyre...   | do                              | Portland, N.B.....     | do .....                      | 4 00    |
| 126                 | do 9...              | Thomas Alfred French...   | do                              | do .....               | do .....                      | 4 00    |
| 127                 | do 9...              | Jno. Melven Watson.....   | do                              | Carleton, N.B.....     | do .....                      | 4 00    |
| 128                 | do 11...             | Wm. Phalen .....          | do                              | Little Glace Bay, C.B. | Sydney.....                   | 4 00    |
| 129                 | do 11...             | Edw. Moore.....           | do                              | North Sydney, C.B.     | do .....                      | 4 00    |
| 130                 | do 11...             | Wm. Hayes.....            | do                              | Sydney, C.B.....       | do .....                      | 4 00    |
| 131                 | do 11...             | Enoch Cann.....           | do                              | Louisburg, C.B....     | do .....                      | 4 00    |
| 132                 | do 11...             | Lorenzo Archibald.....    | do                              | North Sydney, C.B.     | do .....                      | 4 00    |
| 133                 | do 11...             | Wm. Henry Townsend ...    | do                              | Louisburg, C.B....     | do .....                      | 4 00    |
| 134                 | do 11...             | Chas. Wilcox.....         | do                              | Cow Bay, C.B.....      | do .....                      | 4 00    |
| 135                 | do 12...             | Geo. Harris Robson.....   | do                              | Carleton, N.B.....     | St. John.....                 | 4 00    |
| 136                 | do 12...             | Abrm. Thompson Watters    | do                              | Portland, N.B.....     | do .....                      | 4 00    |
| 137                 | do 12...             | Geo. Albert Whelpley....  | do                              | do .....               | do .....                      | 4 00    |



## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.   | Address.                       | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|--|--------------------------------|-------------------------------|---------|
|                     |                      |                          |  |                                |                               | \$ cts. |
| 138                 | Feb. 12...           | Raymond Foster .....     | Master, fore and aft, coasting.                | Carleton, N.B.....             | St. John .....                | 4 00    |
| 139                 | do 12...             | Hiram D. Farris.....     | do   | Portland, N.B. ....            | do .....                      | 4 00    |
| 140                 | do 12...             | Chas. Albert Belyea..... | do   | Kingston, N.B.....             | do .....                      | 4 00    |
| 141                 | do 12...             | Wm. Henderson .....      | do   | Portland, N.B.....             | do .....                      | 4 00    |
| 142                 | do 12...             | Geo. Miller Branscombe.. | do   | St. John, N.B.....             | do .....                      | 4 00    |
| 143                 | do 12...             | Wm. Henry Worden.....    | Steamship, in the minor inland waters, master. | do .....                       | do .....                      | 4 00    |
| 144                 | do 13...             | Robt. Robertson Blauvelt | Master, steamship, coasting                    | Tusket Village, N.S            | do .....                      | 4 00    |
| 145                 | do 13...             | Henry Adolphus Carleton  | Master, fore and aft, coasting.                | Carleton, N.B.....             | do .....                      | 4 00    |
| 146                 | do 13...             | Samuel Ambrose.....      | do   | St. John, N.S.....             | do .....                      | 4 00    |
| 147                 | do 13...             | Wm. Alford Demings....   | do   | Portland, N.B.....             | do .....                      | 4 00    |
| 148                 | do 13...             | Robt. Maloney .....      | do   | St. Andrew's, N.B.             | do .....                      | 4 00    |
| 149                 | do 13...             | Wm. Cleaveland.....      | do   | Alma, N.B.....                 | do .....                      | 4 00    |
| 150                 | do 13...             | Danl. Jos. Getson.....   | do   | Getson's Cove, N.S.            | Halifax.....                  | 4 00    |
| 151                 | do 14...             | Jas. Wm. Walters.....    | do   | La Have, N.S.....              | do .....                      | 4 00    |
| 152                 | do 14...             | Charles Smith .....      | do   | Lunenburg, N.S....             | do .....                      | 4 00    |
| 153                 | do 14...             | Geo. Winfield Newcomb.   | do   | Parrsboro', N.S....            | do .....                      | 4 00    |
| 154                 | do 14...             | Luther Cleveland Martin  | do   | Hopewell, N.B.....             | St. John.....                 | 4 00    |
| 155                 | do 14...             | John Boyd .....          | Master, steamboat, coasting.                   | St. Stephen, N.B...            | do .....                      | 4 00    |
| 156                 | do 16...             | Jacob B. Sarty.....      | Master, fore and aft, coasting.                | La Have, N.S.....              | Halifax.....                  | 4 00    |
| 157                 | do 16...             | Chas. Wm. Mason.....     | do   | Lunenburg, N.S....             | do .....                      | 4 00    |
| 158                 | do 16...             | Isaac Fraser Heckman ... | do   | Rose Bay, Lunenburg Co., N.S.  | do .....                      | 4 00    |
| 159                 | do 16...             | John Ormiston. ....      | Master, square rig, coasting.                  | Gabarus, C.B.....              | do .....                      | 4 00    |
| 160                 | do 14...             | Norman Fredk. Oxner....  | Master, fore and aft, coasting.                | Conquerall Bank, La Have, N.S. | do .....                      | 4 00    |
| 161                 | do 19...             | Wm. Archlues Purdy....   | do   | St. John, N.B.....             | St. John.....                 | 4 00    |
| 162                 | do 19...             | David Tufts.....         | do   | Carleton, N.B.....             | do .....                      | 4 00    |
| 163                 | do 19...             | Jonathan Noel .....      | do   | North Sydney, C.B.             | Halifax.....                  | 4 00    |
| 164                 | do 19...             | Reuben David Heisler.... | Master, square rig, coasting.                  | Lunenburg, N.S....             | do .....                      | 4 00    |
| 165                 | do 19...             | Thos. Alfred Cook .....  | Master, fore and aft, coasting.                | Ritcey's Cove, N.S.            | do .....                      | 4 00    |

List of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                                | Address.                     | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|---------------------------------------|------------------------------|-------------------------------|---------|
|                     |                      |                          |                                       |                              |                               | \$ cts. |
| 166                 | Feb. 19...           | Eli Ritcey.....          | Master, fore and aft,<br>coasting.    | Ritcey's Cove, N.S.          | Halifax.....                  | 4 00    |
| 167                 | do 19...             | Wm. Lewis Ross.....      | do                                    | Upper Port Latour,<br>N.S.   | do .....                      | 4 00    |
| 168                 | do 20...             | Wm. Romkey.....          | do                                    | West Dublin, N.S.            | do .....                      | 4 00    |
| 169                 | do 20...             | Geo. Albert Smith.....   | do                                    | West Ferry, N.S...           | do .....                      | 4 00    |
| 170                 | do 20...             | Wm. Sarty .....          | do                                    | Pleasantville, N.S.          | do .....                      | 4 00    |
| 171                 | do 20...             | Leonard Dunphy.. .       | Master, st'r., minor<br>inland lakes. | Portland, N.B. ....          | St. John.....                 | 4 00    |
| 172                 | do 20...             | G. Laidlow Estabrook...  | do                                    | Indiantown, N.B...           | do .....                      | 4 00    |
| 173                 | do 20...             | Jno. C. Farris .....     | do                                    | Portland, St. John,<br>N.B.  | do .....                      | 4 00    |
| 174                 | do 21...             | Wm. Akerly.....          | Master, fore and aft,<br>coasting.    | do                           | do .....                      | 4 00    |
| 175                 | do 21...             | Patrick Keefe.....       | do                                    | Carleton, St. John,<br>N.B.  | do .....                      | 4 00    |
| 176                 | do 21...             | Samuel S. Day.....       | do                                    | City Road, St.<br>John, N.B. | do .....                      | 4 00    |
| 177                 | do 21...             | And. Porter Carlton..... | do                                    | Carleton, N.B.....           | do .....                      | 4 00    |
| 178                 | do 21...             | Andrew McWha.....        | do                                    | St. Stephen, N.B...          | do .....                      | 4 00    |
| 179                 | do 21...             | G. Wellington Harrington | do                                    | Portland, N.B.....           | do .....                      | 4 00    |
| 180                 | do 21...             | M. Obadiah Lohnes.....   | do                                    | Ritcey's Cove, N.S.          | Halifax.....                  | 4 00    |
| 181                 | do 21...             | David Ritcey.....        | do                                    | do                           | do .....                      | 4 00    |
| 182                 | do 21...             | Jas. Martin Lohnes.....  | do                                    | do                           | do .....                      | 4 00    |
| 183                 | do 21...             | Rupert Jos. Anthony..... | do                                    | Bear River, N.S....          | do .....                      | 4 00    |
| 184                 | do 22...             | Wm. Morash.....          | do                                    | Lunenburg, N.S...            | Lunenburg....                 | 4 00    |
| 185                 | do 22...             | Chas. Loye.....          | do                                    | do                           | do .....                      | 4 00    |
| 186                 | do 22...             | Jacob Corkum.....        | do                                    | Middle LaHave,<br>N.S.       | do .....                      | 4 00    |
| 187                 | do 22...             | Lemuel U. Publicover.... | do                                    | Lower Dublin, N.S.           | do .....                      | 4 00    |
| 188                 | do 22...             | Jas. W. Hanlin.....      | do                                    | Port Medway, N.S.            | do .....                      | 4 00    |
| 189                 | do 22...             | Peter Smith McDougall... | do                                    | St. George, N.B....          | St. John .....                | 4 00    |
| 190                 | do 22...             | Wm. Jas Hurder.....      | do                                    | Portland, N.B.....           | do .....                      | 4 00    |
| 191                 | do 22...             | Geo. Benjamin Hurder...  | do                                    | do                           | do .....                      | 4 00    |
| 192                 | do 22...             | Andrew Stewart.....      | do                                    | Hillsboro', N.B....          | do .....                      | 4 00    |
| 193                 | do 22...             | Robt. Henry Fleming..... | Master, steamship,<br>coasting.       | St. John, N.B.....           | do .....                      | 4 00    |

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| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                                      | Address.                | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|---|-------------------------|-------------------------------|---------|
|                     | 1884.                |                           |   |                         |                               | \$ cts. |
| 194                 | Feb. 23...           | Isaac Corkum.....         | Master, fore and aft,<br>coasting.          | Middle La Have,<br>N.S. | Lunenburg....                 | 4 00    |
| 195                 | do 23...             | Henry A. Shupe.....       | do  | Lunenburg, N.S....      | do                            | 4 00    |
| 196                 | do 23...             | Michael Gerhardt .....    | do  | Middle La Have, N.S.    | do                            | 4 00    |
| 197                 | do 23...             | S. Leander Publicover ... | do  | Lower Dublin, N.S.      | do                            | 4 00    |
| 198                 | do 23...             | George W. Nass.....       | do  | Lunenburg, N.S. ...     | do                            | 4 00    |
| 199                 | do 23...             | Wm. C. Smith.....         | do  | do                      | do                            | 4 00    |
| 200                 | do 23...             | John Hall .....           | do  | do                      | do                            | 4 00    |
| 201                 | do 23...             | Bernard Smith.....        | do  | do                      | do                            | 4 00    |
| 202                 | do 23...             | John Zink ....            | do  | do                      | do                            | 4 00    |
| 203                 | do 23...             | James Kinley. ....        | do  | do                      | do                            | 4 00    |
| 204                 | do 25...             | George Geldert .....      | do  | La Have, N.S.....       | do                            | 4 00    |
| 205                 | do 25...             | James S. Ross .....       | do  | Bridgewater, N.S.       | do                            | 4 00    |
| 206                 | do 25...             | Wm. Francis Durant ....   | do  | Parrsboro', N.S.....    | Halifax. ....                 | 4 00    |
| 207                 | do 25...             | David Amasa Huntley....   | do  | do                      | do                            | 4 00    |
| 208                 | do 25...             | Robt. Arnold Hatfield.... | do  | Brookville, N.S....     | do                            | 4 00    |
| 209                 | do 25...             | Ebenezer Kerr .....       | do  | Fox River, N.S.....     | do                            | 4 00    |
| 210                 | do 25...             | Elmer Hatfield.....       | Mate, fore and aft,<br>coasting.            | Brookville, N.S....     | do                            | 2 00    |
| 211                 | do 25...             | Oscar Adelbert Follett... | do  | do                      | Halifax. ....                 | 2 00    |
| 212                 | do 25...             | Everett Moore .....       | Master, fore and aft,<br>coasting.          | Parrsboro', N.S....     | do                            | 4 00    |
| 213                 | do 25...             | Robert Moore.....         | do  | North Sydney, C.B.      | Sydney                        | 4 00    |
| 214                 | do 25...             | Patrick Slattery Young..  | Master, square rig.                         | Lingan, C.B.....        | do                            | 4 00    |
| 215                 | do 25...             | John Pope.....            | Master, fore and aft.                       | Main-à-Dieu, C.B..      | do                            | 4 00    |
| 216                 | do 25...             | Alex. McDonald .....      | do and also                                 | Sydney, C.B.....        | do                            | 4 00    |
| 217                 | do 26...             | Jno. Wesley Milbury.....  | square rigged vessel<br>Master, square rig. | Bear River, N.S. ...    | Halifax.....                  | 4 00    |
| 218                 | do 26...             | Simon Giffin.....         | Master, fore and aft.                       | Louis Head, N.S....     | do                            | 4 00    |
| 219                 | do 26...             | Jas. Willigar .....       | do  | Parrsboro', N.S....     | do                            | 4 00    |
| 220                 | do 26...             | David Edgar Merriam....   | do  | do                      | do                            | 4 00    |
| 221                 | do 26...             | Lorenzo Giovannaetti..... | do  | Cow Bay, C.B.....       | Sydney.....                   | 4 00    |
| 222                 | do 26...             | Benjamin Geo. Anderson    | do  | Lunenburg, N.S....      | Lunenburg ....                | 4 00    |

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Inland and Coasting Vessels, &c — *Continued.*

| No. of Certificate. | Date of Certificate. | Name.                            | Grade.                                  | Address.                  | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|----------------------------------|---|---------------------------|-------------------------------|---------|
|                     | 1884                 |                                  |   |                           |                               | \$ cts. |
| 223                 | Feb. 26...           | Abraham Smith.....               | Master, fore and aft,<br>coasting.      | Lunenburg, N.S.....       | Lunenburg ....                | 4 00    |
| 224                 | do 26...             | Wm. Robert Dauphinie...          | do ...                                  | do ...                    | do .....                      | 4 00    |
| 225                 | do 26...             | Chas. Ed. Smeltzer.....          | do ...                                  | do ...                    | do ...                        | 4 00    |
| 226                 | do 26...             | Rich. Heckman.....               | Mate, fore and aft,<br>coasting.        | Heckman's Island,<br>N.S. | do .....                      | 2 00    |
| 227                 | do 26...             | Adam Selig ...                   | Master, fore and aft,<br>coasting.      | Vogler's Cove, N.S.       | do .....                      | 4 00    |
| 228                 | do 26...             | John McKeon .....                | Mate, steamer, great<br>inland waters.  | Toronto, Ont.....         | Toronto .....                 | 2 00    |
| 229                 | do 26...             | Jas. Jackman .....               | Master, fore and aft,<br>inland waters. | do .....                  | do .....                      | 4 00    |
| 230                 | do 26...             | Jas. Taylor .....                | do ...                                  | do .....                  | do .....                      | 4 00    |
| 231                 | do 26...             | Jas. Dick .....                  | Master, steamship,<br>inland waters.    | do .....                  | do .....                      | 4 00    |
| 232                 | do 29...             | Pat'k Jos. McSherry .....        | do ...                                  | do .....                  | do .....                      | 4 00    |
| 233                 | do 29...             | Wm. Francis Light .....          | Master, fore and aft,<br>inland waters. | Port Burwell, Ont.        | do .....                      | 4 00    |
| 234                 | do 29...             | John Joyce .....                 | do ...                                  | Bronté, Ont.....          | do .....                      | 4 00    |
| 235                 | do 29...             | John Moon.....                   | Mate, fore and aft,<br>inland waters.   | Riverside, Ont.....       | do .....                      | 2 00    |
| 236                 | do 29...             | Frank Brennan .....              | Master, fore and aft,<br>inland waters. | Toronto, Ont.....         | do .....                      | 4 00    |
| 237                 | do 29...             | Alex'r Savage .....              | Mate, steamship, in-<br>land waters.    | do .....                  | do .....                      | 2 00    |
| 238                 | do 29...             | Frank Conlin.....                | Master, fore and aft,<br>inland waters. | do .....                  | do .....                      | 4 00    |
| 239                 | do 29...             | Geo. Washingt'n Moulton          | do ...                                  | Oakville, Ont.....        | do .....                      | 4 00    |
| 240                 | do 29...             | Neil Finlayson.....              | do ...                                  | Burlington, Ont....       | do .....                      | 4 00    |
| 241                 | do 29...             | Archibald Irvine.....            | Mate, fore and aft,<br>inland waters.   | Hamilton, Ont .....       | do .....                      | 2 00    |
| 242                 | do 29...             | Geo. J. W. Stockwell ...         | Master, fore and aft,<br>inland waters. | North Toronto, Ont        | do .....                      | 4 00    |
| 243                 | do 29...             | Jas. Wallace Johnson ...         | do ...                                  | Hamilton, Ont .....       | do .....                      | 4 00    |
| 244                 | do 29...             | Michael Kelly.....               | do ...                                  | Toronto, Ont.....         | do .....                      | 4 00    |
| 245                 | do 29...             | Walter Henry Morden ...          | Master, steamer, in-<br>land waters.    | do .....                  | do .....                      | 4 00    |
| 246                 | do 29...             | John McFarlane .....             | Master, fore and aft,<br>inland waters  | do .....                  | do .....                      | 4 00    |
| 247                 | do 29...             | Jas. Richardson .....            | Mate, steamer, in-<br>land waters.      | do .....                  | do .....                      | 2 00    |
| 248                 | do 29...             | Jno. McHarg Donaldson            | Master, st'r, minor<br>inland waters.   | do .....                  | do .....                      | 4 00    |
| 249                 | do 29...             | Henry Stanley B. Don-<br>aldson. | do ...                                  | do .....                  | do .....                      | 4 00    |
| 250                 | do 29...             | John Alward .....                | Master, fore and aft,<br>inland waters. | do .....                  | do .....                      | 4 00    |
| 251                 | do 29...             | Thos. Bell Armstrong ...         | do ...                                  | Hamilton, Ont.....        | do .....                      | 4 00    |

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Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                               | Address.             | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|--------------------------------------|----------------------|-------------------------------|---------|
|                     | 1884.                |                          |                                      |                      |                               | \$ cts. |
| 252                 | March 1...           | Thos. Estus Harbottle... | Mate, steamer, great inland waters.  | Toronto, Ont.....    | Toronto.....                  | 2 00    |
| 253                 | do 1...              | Jas. McKnight.....       | Mate, fore and aft, inland waters.   | Oakville, Ont.....   | do .....                      | 2 00    |
| 254                 | do 1...              | Jas. McAllan, jun.....   | do .....                             | Whitby, Ont.....     | do .....                      | 2 00    |
| 255                 | do 1...              | James Alfred Gould ..... | Mate, steamer, great inland lakes.   | Toronto, Ont. ....   | do .....                      | 2 00    |
| 256                 | do 1...              | Frank Jackman .....      | Master, str., minor inland waters.   | do .....             | do .....                      | 4 00    |
| 257                 | do 1...              | Wm. Frederick McGiffin.  | Mate, str., great inland waters.     | Oakville, Ont.....   | do .....                      | 2 00    |
| 258                 | do 1...              | Wm. Andrew Parkinson.    | Master, str., great inland waters.   | Toronto, Ont.....    | do .....                      | 4 00    |
| 259                 | do 1...              | Thos. Jennings .....     | Master, str., minor inland waters.   | do .....             | do .....                      | 4 00    |
| 260                 | do 1...              | James McSherry .....     | Mate, fore and aft, inland waters.   | do .....             | do .....                      | 2 00    |
| 261                 | do 1...              | Thos. Wm. Jackman.....   | Master, str., minor inland waters.   | do .....             | do .....                      | 4 00    |
| 262                 | do 1...              | Donald Taylor.....       | Master, str., great inland waters.   | Sorel, Que.....      | do .....                      | 4 00    |
| 263                 | do 1...              | Geo. Wm. Murchison... .. | Master, str., minor inland waters.   | Toronto, Ont.....    | do .....                      | 4 00    |
| 264                 | do 1...              | Jas. Maloney .....       | Mate, fore and aft, inland waters.   | do .....             | do .....                      | 2 00    |
| 265                 | do 1...              | Hugh Kelly.....          | do .....                             | do .....             | do .....                      | 2 00    |
| 266                 | do 1...              | Evan Thomas.....         | Master, fore and aft, inland waters  | Highland Creek, Ont. | do .....                      | 4 00    |
| 267                 | do 1...              | Jas. Thos. Greenaway...  | Mate, fore and aft, inland waters.   | Hamilton, Ont.....   | do .....                      | 2 00    |
| 268                 | do 1...              | Martin Mahoney .....     | Master, fore and aft, inland waters. | do .....             | do .....                      | 4 00    |
| 269                 | do 1...              | Jas. Quinn.....          | Master, str., minor inland waters.   | Toronto, Ont.....    | do .....                      | 4 00    |
| 270                 | do 1...              | Archibald McDonald ..... | Mate, str., inland waters.           | Bronte, Ont.....     | do .....                      | 2 00    |
| 271                 | do 1...              | Wm. J. Coolahan .....    | Master, fore and aft, inland waters. | Toronto, Ont. ....   | do .....                      | 4 00    |
| 272                 | do 3...              | Wm. Hetherington .....   | do .....                             | do .....             | do .....                      | 4 00    |
| 273                 | do 3...              | Edward Quinn.....        | Mate, fore and aft, inland waters    | Oakville, Ont. ....  | do .....                      | 2 00    |
| 274                 | do 3...              | Wm. Osborn .....         | Master, fore and aft, inland waters. | Burlington, Ont....  | do .....                      | 4 00    |
| 275                 | do 3...              | Sutherland McKay .....   | do .....                             | North Toronto, Ont   | do .....                      | 4 00    |
| 276                 | do 3...              | Alexander Ure.....       | do .....                             | Dunbarton, Ont....   | do .....                      | 4 00    |
| 277                 | do 3...              | Duncan Pike .....        | Mate, fore and aft, inland waters.   | Toronto, Ont. ....   | do .....                      | 2 00    |
| 278                 | do 3...              | Wm. Wallace Donaldson.   | Master, str, inland waters.          | do .....             | do .....                      | 4 00    |
| 279                 | do 3...              | Henry Wm. Jackman.....   | Master, fore and aft, inland waters. | do .....             | do .....                      | 4 00    |

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|---------------------|----------------------|------------------------|--|-----------------------------|-------------------------------|---------|
|                     | 1884.                |                        |  |                             |                               | \$ cts. |
| 280                 | March 3...           | Hugh McKay .....       | Mate, fore and aft,<br>inland waters.  | Toronto, Ont. ....          | Toronto .....                 | 2 00    |
| 281                 | do 3...              | Wm. Donaldson.....     | Master, str., inland<br>waters.  | do .....                    | do .....                      | 4 00    |
| 282                 | do 3...              | Clarence Jas. McCuaig. | do ..  | do .....                    | do .....                      | 4 00    |
| 283                 | do 3...              | Geo. Delorey .....     | Master, fore and aft,<br>coasting.   | Tracadie, N.S. ....         | do .....                      | 4 00    |
| 284                 | do 3...              | Lorenzo D. Curry.....  | do ..  | Port Williams, N.B.         | do .....                      | 4 00    |
| 285                 | do 3...              | Wm. Henry Amos.....    | do ..  | Carleton, St. John,<br>N.B. | do .....                      | 4 00    |
| 286                 | do 3...              | Leonard Tower.....     | do ..  | Rockport, N.B. ....         | St. John.....                 | 4 00    |
| 287                 | do 3...              | Lewis Holmes.....      | do ..  | Beaver Harbour,<br>N.B.     | do .....                      | 4 00    |
| 288                 | do 3...              | Wm. Edward Parsons.... | do ..  | Port Greville, N.S.         | Halifax .....                 | 4 00    |
| 289                 | do 3...              | Freeman Halfield ..... | Mate, fore and aft,<br>coasting.   | do ..                       | do .....                      | 2 00    |
| 290                 | do 3...              | John Keating .....     | Master, str., coast-<br>ing.   | Guysboro, N.S. ....         | do .....                      | 4 00    |
| 291                 | do 3...              | Thos. David Cook ..... | Master, square rig,<br>coasting.   | Halifax, N.S. ....          | do .....                      | 4 00    |
| 292                 | do 4...              | Andrew Thompson.....   | Master, str., and<br>fore and aft, in-<br>land waters.                               | Toronto, Ont. ....          | Toronto ..                    | 4 00    |
| 293                 | do 4...              | John O. Donnell.....   | Master, str., inland<br>waters.  | Penetanguishene,<br>Ont.    | do .....                      | 4 00    |
| 294                 | do 4...              | Dugald Taylor .....    | do ..  | Toronto, Ont. ....          | do .....                      | 4 00    |
| 295                 | do 4...              | Jas. Morgan .....      | Master, str., and<br>fore and aft, in-<br>land waters.                               | do .....                    | do .....                      | 4 00    |
| 296                 | do 4...              | Jas. Feide.....        | Master, str., minor<br>inland waters.  | Orillia, Ont. ....          | do .....                      | 4 00    |
| 297                 | do 4...              | John Trowell.....      | Master, str., inland<br>waters.  | Kingston, Ont. ....         | do .....                      | 4 00    |
| 298                 | do 4...              | Wm Barrett.....        | Master, fore and aft,<br>inland waters.  | Port Stanley, Ont.          | do .....                      | 4 00    |
| 299                 | do 4...              | John Andrew.....       | Master, fore and aft,<br>inland waters; and<br>Master, str., minor<br>inland waters. | Oakville, Ont. ....         | do .....                      | 4 00    |
| 300                 | do 4...              | James Wilson.....      | Master, fore and aft,<br>inland waters.  | Bronte, Ont. ....           | do .....                      | 4 00    |
| 301                 | do 4...              | John Emmons .....      | do ..  | Toronto, Ont. ....          | do .....                      | 4 00    |
| 302                 | do 4...              | Duncan Sinclair .....  | Master, str., inland<br>waters.  | do .....                    | do .....                      | 4 00    |
| 303                 | do 4...              | Geo. Walter Rose.....  | Master, str., minor<br>inland waters.  | Gravenhurst, Ont.           | do .....                      | 4 00    |
| 304                 | do 4...              | John Henry.....        | do ..  | Bracebridge, Ont. ...       | do .....                      | 4 00    |
| 305                 | do 4...              | Alfred Deuton .....    | do ..  | Huntsville, Ont. ....       | do .....                      | 4 00    |

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| No. of Certificate. | Date of Certificate. | Name.                     | Grade.   | Address.            | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--|---------------------|-------------------------------|---------|
|                     | 1884.                |                           |  |                     |                               | \$ cts. |
| 306                 | Mar. 4...            | Geo. Farewell ..          | Master, fore and aft, inland waters.                     | Oshawa, Ont.....    | Toronto .....                 | 4 00    |
| 307                 | do 4...              | Richard Curphey. .        | do ..  | Riverside, Ont..... | do .....                      | 4 00    |
| 308                 | do 4...              | Fredk. Geo. Boothman...   | do ..  | Hamilton, Ont.....  | do .....                      | 4 00    |
| 309                 | do 4...              | Adam M. Sharpe .....      | Master, str., inland waters.                             | Burlington, Ont.... | do .....                      | 4 00    |
| 310                 | do 4...              | Thos. Hinton.....         | Master, fore and aft, inland waters.                     | Oakville, Ont.....  | do .....                      | 4 00    |
| 311                 | do 4...              | Robt. Hunter.....         | Mate, fore and aft, inland waters.                       | Toronto, Ont.....   | do .....                      | 2 00    |
| 312                 | do 5...              | Jno. Sinclair Allan ..... | Master, fore and aft, inland waters.                     | Port Dover, Ont...  | do .....                      | 4 00    |
| 313                 | do 5...              | John Allan.....           | do ..  | do ..               | do .....                      | 4 00    |
| 314                 | do 5...              | Jas. Allan .....          | do ..  | do ..               | do .....                      | 4 00    |
| 315                 | do 5...              | Jos. Wiggins .....        | do ..  | do ..               | do .....                      | 4 00    |
| 316                 | do 5...              | Robert Williams .....     | Master, str., and fore and aft, inland waters            | Oakville, Ont.....  | do .....                      | 4 00    |
| 317                 | do 5...              | Jno. Craig Burrows.....   | Master, str., inland waters.                             | Hamilton, Ont.....  | do .....                      | 4 00    |
| 318                 | do 5...              | Jas. Collier .....        | do ..  | Picton, Ont .....   | do .....                      | 4 00    |
| 319                 | do 5...              | Jas C. Hume.....          | do ..  | Toronto, Ont .....  | do .....                      | 4 00    |
| 320                 | do 5...              | Edward H. Vandusen.....   | Master, str., and fore and aft, inland waters.           | Picton, Ont .....   | do .....                      | 4 00    |
| 321                 | do 5...              | Thos. Leach.....          | Master, str., inland waters, and fore and aft, coasting. | Toronto, Ont .....  | do .....                      | 4 00    |
| 322                 | do 5...              | Duncan McFayden.....      | Mate, fore and aft, coasting.                            | Tiverton, Ont ..... | do .....                      | 2 00    |
| 323                 | do 5...              | Timothy Sullivan. ....    | Master, fore and aft, coasting.                          | Picton, Ont .....   | do .....                      | 4 00    |
| 324                 | do 5...              | Archibald McMillan.....   | Master, str., inland waters.                             | Belmont, Ont.....   | do .....                      | 4 00    |
| 325                 | do 5...              | John Munro.....           | Master, fore and aft, inland waters.                     | Tiverton, Ont ..... | do .....                      | 4 00    |
| 326                 | do 5...              | Chas. Sweet .....         | Master, str., minor inland waters.                       | Gravenhurst, Ont.   | do .....                      | 4 00    |
| 327                 | do 5...              | Silvanus Hough .....      | do ..  | Port Carling, Ont.  | do .....                      | 4 00    |
| 328                 | do 5...              | Jno. Ed. McCorquodale.    | Master, str., inland waters.                             | Toronto, Ont .....  | do .....                      | 4 00    |
| 329                 | do 5...              | Benjamin Tripp.....       | do ..  | do ..               | do .....                      | 4 00    |
| 330                 | do 5...              | Joseph Jackson.....       | do ..  | do ..               | do .....                      | 4 00    |
| 331                 | do 5...              | Michael Troy .....        | Master, str., and fore and aft, inland waters.           | do ..               | do .....                      | 4 00    |

## LIST of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate | Date of Certificate. | Name.                         | Grade.  | Address.            | Where Examination was Passed. | Fee.    |
|--------------------|----------------------|-------------------------------|---|---------------------|-------------------------------|---------|
|                    | 1884.                |                               |   |                     |                               | \$ cts. |
| 332                | March 6...           | Ambrose Mark LeBlanc..        | Master, square rig, coasting.                               | Meteghan, N.S.....  | Yarmouth.....                 | 4 00    |
| 333                | do 6...              | Nelson Hudgin.....            | Master, fore and aft, inland waters.                        | South Bay, Ont..... | Picton .....                  | 4 00    |
| 334                | do 6...              | Jacob Hyatt.....              | Mate, fore and aft, inland waters.                          | Balfour, Ont .....  | do .....                      | 2 00    |
| 335                | do 6...              | Philip Farrington.....        | Mate, str., inland waters.                                  | Milford, Ont.....   | do .....                      | 2 00    |
| 336                | do 6...              | David O. Hagan.....           | Master, fore and aft, inland waters, and steam fr'ght barge | Picton, Ont .....   | do .....                      | 4 00    |
| 337                | do 6...              | Wm. Ostrander.....            | Master, fore and aft, inland waters.                        | do .....            | do .....                      | 4 00    |
| 338                | do 6...              | Wm. Henry Burdick .....       | do .....  | do .....            | do .....                      | 4 00    |
| 339                | do 6...              | Samuel Anderson.....          | Master, str., inland waters.                                | Desoronto, Ont .... | do .....                      | 4 00    |
| 340                | do 6...              | Murney Ackerman .....         | Master, fore and aft, inland waters.                        | Milford, Ont.....   | do .....                      | 4 00    |
| 341                | do 6...              | Frederick Graves.....         | Master, str, minor inland waters.                           | Picton, Ont.....    | do .....                      | 4 00    |
| 342                | do 6...              | Frederick Graves.....         | Mate, str., inland waters.                                  | do .....            | do .....                      | 2 00    |
| 343                | do 6...              | John Walters .....            | Master, fore and aft, inland waters.                        | do .....            | do .....                      | 4 00    |
| 344                | do 6...              | George Porte .....            | Master, str, minor inland waters.                           | Flinton, Ont.....   | do .....                      | 4 00    |
| 345                | do 6...              | Fagan Dulmage .....           | Mate, fore and aft, inland waters.                          | Milford, Ont.....   | do .....                      | 2 00    |
| 346                | do 6...              | Jas. Way Anderson .....       | Master, str., minor inland waters.                          | Ameliasburgh, Ont   | do .....                      | 4 00    |
| 347                | do 6...              | Jas. M. Hudgin .....          | Master, fore and aft, inland waters.                        | Milford, Ont.....   | do .....                      | 4 00    |
| 348                | do 6...              | Elisha Biscoe Smith .....     | Master, str., minor inland waters.                          | Picton, Ont.....    | do .....                      | 4 00    |
| 349                | do 6...              | Albert Wellington Pal-mateer. | Mate, fore and aft, inland waters.                          | do .....            | do .....                      | 2 00    |
| 350                | do 6...              | Wm. Skillen.....              | Master, str., minor inland waters.                          | do .....            | do .....                      | 4 00    |
| 351                | do 6...              | Harvey Montrose Hart ...      | Master, fore and aft, inland waters.                        | Rossmore, Ont.....  | do .....                      | 4 00    |
| 352                | do 7...              | Wm. Matthews.....             | do .....  | Colborne, Ont.....  | Port Hope.....                | 4 00    |
| 353                | do 7...              | George Tait .....             | do .....  | Bowmanville, Ont.   | do .....                      | 4 00    |
| 354                | do 7...              | Robert Cootes.....            | do .....  | do .....            | do .....                      | 4 00    |
| 355                | do 7...              | Thos. Brennan.....            | Mate, fore and aft, inland waters.                          | do .....            | do .....                      | 2 00    |
| 356                | do 7...              | Jas. Henry Peacock.....       | Master, fore and aft, inland waters.                        | Lakeport, Ont ..... | do .....                      | 4 00    |
| 357                | do 7...              | Jas. Terry.....               | Mate, fore and aft, inland waters.                          | Cobourg, Ont.....   | do .....                      | 2 00    |
| 358                | do 7...              | Hector Lithgow .....          | Master, fore and aft, inland waters.                        | do .....            | do .....                      | 4 00    |
| 359                | do 7...              | Henry Isaac Matthews ...      | do .....  | Lakeport, Ont.....  | do .....                      | 4 00    |



## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.   | Address.             | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--|----------------------|-------------------------------|---------|
|                     | 1884.                |                           |  |                      |                               | \$ cts. |
| 360                 | March 7...           | John Cornwall.....        | Master, fore and aft,<br>inland waters.                  | Brighton, Ont .....  | Port Hope.....                | 4 00    |
| 361                 | do 7...              | Malcolm McNeal Shaw ...   | do ...   | do .....             | do .....                      | 4 00    |
| 362                 | do 7...              | Sam'l Reynolds .....      | Master, str., minor<br>inland waters.                    | Port Hope.....       | do .....                      | 4 00    |
| 363                 | do 7...              | Silas Hollinshead Jacobs  | do ...   | Lindsay, Ont. ....   | do .....                      | 4 00    |
| 364                 | do 7...              | John Courson .....        | Master, fore and aft,<br>inland waters.                  | Brighton, Ont. ....  | do .....                      | 4 00    |
| 365                 | do 7...              | Franklin Crandell .....   | Master, str., minor<br>inland waters                     | Lindsay, Ont. ....   | do .....                      | 4 00    |
| 366                 | do 7...              | Jas. Ewart .....          | Master, str., inland<br>waters.                          | Cobourg, Ont.....    | do .....                      | 4 00    |
| 367                 | do 7...              | Jas. Dougherty .....      | Master, fore and aft,<br>inland waters.                  | Lakeport, Ont.....   | do .....                      | 4 00    |
| 368                 | do 7...              | Jas. Redfearn .....       | do ...   | do .....             | do .....                      | 4 00    |
| 369                 | do 7...              | Jas. H. McMaster .....    | Mate, fore and aft,<br>inland waters.                    | Brighton, Ont .....  | do .....                      | 2 00    |
| 370                 | do 7...              | John Sidley .....         | Master, fore and aft,<br>inland waters.                  | Belleville, Ont .... | do .....                      | 4 00    |
| 371                 | do 7...              | Robt. Snelsinger ....     | Mate, fore and aft,<br>inland waters.                    | Colborne, Ont .....  | do .....                      | 2 00    |
| 372                 | do 7...              | German Haskell .....      | Mate, fore and aft,<br>also of steamer,<br>inland waters | Picton, Ont .....    | Picton.....                   | 2 00    |
| 373                 | do 7...              | Patrick O. Flynn .....    | Master, fore and aft,<br>inland waters.                  | Trenton, Ont. ....   | do .....                      | 4 00    |
| 374                 | do 7...              | Niles Stephen Wilson .... | Mate, str., minor<br>inland waters.                      | Picton, Ont .....    | do .....                      | 2 00    |
| 375                 | do 7...              | Calvin Hicks.....         | Mate, fore and aft,<br>inland waters.                    | do .....             | do .....                      | 2 00    |
| 376                 | do 7...              | John Henry Pringle.....   | Mate, str., inland<br>waters.                            | Prinyer, Ont.....    | do .....                      | 2 00    |
| 377                 | do 7...              | Thos. Lake Vandusen ...   | Master, fore and aft,<br>inland waters.                  | Milford, Ont .....   | do .....                      | 4 00    |
| 378                 | do 7...              | Levi Cannif Collier ..... | Mate, fore and aft,<br>inland waters.                    | do .....             | do .....                      | 2 00    |
| 379                 | do 7...              | Jno Wm. Fegan.....        | Master, fore and aft,<br>inland waters.                  | do .....             | do .....                      | 4 00    |
| 380                 | do 7...              | James Collins.....        | Master, fore and aft<br>and str., inland<br>waters.      | Picton, Ont.....     | do .....                      | 4 00    |
| 381                 | do 7...              | Jacob Ryerson Woodcock    | Mate, fore and aft,<br>inland waters.                    | Deseronto, Ont.....  | do .....                      | 2 00    |
| 382                 | do 7...              | John Gowan.....           | Master, str and<br>fore and aft, in-<br>land waters.     | do .....             | do .....                      | 4 00    |
| 383                 | do 7...              | Hugh McCormick.....       | Mate, fore and aft,<br>inland waters.                    | Picton, Ont.....     | do .....                      | 2 00    |
| 384                 | do 7...              | Patrick Foley.....        | Mate, str., minor<br>inland waters.                      | do .....             | do .....                      | 2 00    |
| 385                 | do 7...              | Jos. Weir Bradbeer .....  | Master, fore and aft,<br>inland waters.                  | Deseronto, Ont.....  | do .....                      | 4 00    |
| 386                 | do 7...              | Daniel O'Hagan .....      | do ...   | Picton, Ont.....     | do .....                      | 4 00    |

LIST of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.   | Address.            | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--|---------------------|-------------------------------|---------|
|                     |                      |                           |  |                     |                               | \$ cts. |
| 387                 | March 7...           | J. D. Vanalstine.....     | Master, str., inland waters.                                   | Picton, Ont .....   | Picton .....                  | 4 00    |
| 388                 | do 7...              | Paul Clark .....          | Master, fore and aft, inland waters.                           | Cherry Valley, Ont  | do .....                      | 4 00    |
| 389                 | do 7...              | Hugh Hudgin.....          | Mate, fore and aft, inland waters.                             | Milford, Ont.....   | do .....                      | 2 00    |
| 390                 | do 7...              | Joseph Belcour.....       | Mate, str., inland waters.                                     | Sterling, Ont. .... | do .....                      | 2 00    |
| 391                 | do 7...              | Peter Fletcher Hicks..... | Master, fore and aft, inland waters.                           | South Bay, Ont. ... | do .....                      | 4 00    |
| 392                 | do 7...              | James Savage .....        | do .....   | Wellington, Ont...  | do .....                      | 4 00    |
| 393                 | do 7...              | Jonathan A. Porte .....   | Master, str., minor inland waters.                             | Trenton, Ont.....   | do .....                      | 4 00    |
| 394                 | do 7...              | Angus Gilbert Stanton...  | do .....   | Picton, Ont. ....   | do .....                      | 4 00    |
| 395                 | do 7...              | Hugh McCullough .....     | Master, fore and aft, inland waters.                           | Wellington, Ont...  | do .....                      | 4 00    |
| 396                 | do 7...              | Nathan McCrimmon .....    | do .....   | Point Travis, Ont.  | do .....                      | 4 00    |
| 397                 | do 7...              | Alfred Hicks .....        | Mate, str., minor inland waters.                               | West Lake, Ont....  | do .....                      | 2 00    |
| 398                 | do 6...              | Wm. Elias Vanvlack.....   | Master, fore and aft and str., inland waters.                  | Milford, Ont.....   | do .....                      | 4 00    |
| 399                 | do 6...              | Jno. O'Hagan .....        | Mate, fore and aft, inland waters.                             | Picton, Ont. ....   | do .....                      | 2 00    |
| 400                 | do 6...              | Wm. Harvey Holmes.....    | Mate, str., inland waters.                                     | do .....            | do .....                      | 2 00    |
| 401                 | do 6...              | Peter Devlin Ostrander..  | Master, fore and aft, inland waters.                           | Milford, Ont.....   | do .....                      | 4 00    |
| 402                 | do 6...              | John Flynn.....           | Master, fore and aft and str., inland waters.                  | Picton, Ont. ....   | do .....                      | 4 00    |
| 403                 | do 6...              | Wyatt Wellbanks. ....     | Master, fore and aft, inland waters.                           | Milford, Ont .....  | do .....                      | 4 00    |
| 404                 | do 6...              | Francis McMaster, jun.... | do .....   | Deseronto, Ont. ... | do .....                      | 4 00    |
| 405                 | do 6...              | Wm. Egerton Lobb .....    | do .....   | Milford, Ont.....   | do .....                      | 4 00    |
| 406                 | do 6...              | David Wood .....          | Master, fore and aft, inland waters.                           | Picton, Ont. ....   | do .....                      | 4 00    |
| 407                 | do 6...              | Wm. Henry Hargrove.....   | Master, fore and aft, inland waters; also Master, steam barge. | Cherry Valley, Ont  | do .....                      | 4 00    |
| 408                 | do 8...              | Mailes Cowley .....       | Master, str., minor inland waters.                             | Ottawa, Ont.....    | Ottawa .....                  | 4 00    |
| 409                 | do 11...             | Ogle Carss .....          | do .....   | Smith's Falls, Ont. | do .....                      | 4 00    |
| 410                 | do 8...              | Wm. Bothwell.....         | do .....   | Rockland, Ont ..... | do .....                      | 4 00    |
| 411                 | do 8...              | Jos. Poitras.....         | do .....   | do .....            | do .....                      | 4 00    |
| 412                 | do 8...              | Richard Prindiville ..... | do .....   | Ottawa, Ont .....   | do .....                      | 4 00    |
| 413                 | do 8...              | Luke Depencier, .....     | do .....   | Kemptville, Ont.... | do .....                      | 4 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                       | Grade.                             | Address.             | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|-----------------------------|------------------------------------|----------------------|-------------------------------|---------|
|                     | 1884.                |                             |                                    |                      |                               | \$ cts. |
| 414                 | March 8...           | Toussant Cousineau.....     | Master, str., minor inland waters. | Ottawa, Ont.....     | Ottawa.....                   | 4 00    |
| 415                 | do 8...              | John Galbraith .....        | do ...                             | do .....             | do .....                      | 4 00    |
| 416                 | do 8...              | Wm. M. Jones .....          | do ...                             | do .....             | do .....                      | 4 00    |
| 417                 | do 8...              | Alex. Peter Cockburn...     | do ...                             | Beaverton, Ont. ...  | do .....                      | 4 00    |
| 418                 | do 8...              | Jos. Reed .....             | do ...                             | Ottawa, Ont.....     | do .....                      | 4 00    |
| 419                 | do 8...              | Jas. Henry Hall .....       | do ...                             | L'Original, Ont....  | do .....                      | 4 00    |
| 420                 | do 8...              | Alphe Legault .....         | do ...                             | Ottawa, Ont .....    | do .....                      | 4 00    |
| 421                 | do 8...              | Robert Sutherland McKenzie. | do ...                             | do .....             | do .....                      | 4 00    |
| 422                 | do 8...              | Geo. Archibald Harris ...   | do ...                             | do .....             | do .....                      | 4 00    |
| 423                 | do 8...              | Thomas Mansfield.....       | Mate, str., minor inland waters.   | New Edinburgh, Ont.  | do .....                      | 2 00    |
| 424                 | do 8...              | Wm. Little.....             | Master, str., minor inland waters. | Ottawa, Ont.....     | do .....                      | 4 00    |
| 425                 | do 8...              | Wilson Garrett .....        | do ...                             | Smith's Falls, Ont.  | do .....                      | 4 00    |
| 426                 | do ...               | Antoine Duval .....         | Mate, str., minor inland waters.   | Ottawa, Ont.....     | do .....                      | 2 00    |
| 427                 | do 10...             | Allan Clark.....            | Master, str., minor inland waters. | New Edinburgh, Ont.  | do .....                      | 4 00    |
| 428                 | do 10...             | David Eligh.....            | do ...                             | do ...               | do .....                      | 4 00    |
| 429                 | do 10...             | Wm. Neville.....            | do ...                             | Ottawa, Ont.....     | do .....                      | 4 00    |
| 430                 | do 10...             | Wm. Henry Easton.....       | do ...                             | do .....             | do .....                      | 4 00    |
| 431                 | do 10...             | George Bothwell.....        | do ...                             | Buckingham, Que.     | do .....                      | 4 00    |
| 432                 | do 10...             | Francis Nevins .....        | do ...                             | Ottawa, Ont.....     | do .....                      | 4 00    |
| 433                 | do 10...             | Chas. Ogilvie .....         | do ...                             | New Edinburgh, Ont.  | do .....                      | 4 00    |
| 434                 | do 10...             | Wm. Chancey Bangs.....      | do ...                             | Ottawa, Ont .....    | do .....                      | 4 00    |
| 435                 | do 10...             | Herbert G. Lewis .....      | do ...                             | New Edinburgh, Ont.  | do .....                      | 4 00    |
| 438                 | do 10...             | Thos. Jno. Jones.....       | do ...                             | Ottawa, Ont.....     | do .....                      | 4 00    |
| 437                 | do 10...             | Thos. Lett Sproule.....     | do ...                             | do .....             | do .....                      | 4 00    |
| 438                 | do 10...             | Jno. Wesley McDonald...     | do ...                             | Mount Sherwood, Ont. | do .....                      | 4 00    |
| 439                 | do 10...             | Peter Eligh.....            | do ...                             | New Edinburgh, Ont.  | do .....                      | 4 00    |
| 440                 | do 10...             | Albert Jas. Depencier....   | do ...                             | Kemptville, Ont....  | do .....                      | 4 00    |
| 441                 | do 10...             | Clement Seguin.....         | do ...                             | L'Original, Ont....  | do .....                      | 4 00    |

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| No. of Certificate. | Date of Certificate. | Name.                     | Grade.  | Address.            | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|---|---------------------|-------------------------------|---------|
|                     |                      |                           |   |                     |                               | \$ cts. |
| 442                 | Mar. 10...           | George N. Depencier.....  | Mate, str., minor inland waters.                    | Kemptville, Ont.... | Ottawa.....                   | 2 00    |
| 443                 | do 10...             | John Peverley .....       | Master, str., minor inland waters.                  | Quebec, Que.....    | do .....                      | 4 00    |
| 444                 | do 10...             | Saml. Mulligan .....      | do .....  | Ottawa, Ont.....    | do .....                      | 4 00    |
| 445                 | do 10...             | Jas. Halcro.....          | do .....  | Hull, Que.....      | do .....                      | 4 00    |
| 446                 | do 10...             | Alex. Bowie .....         | do .....  | Ottawa, Ont.....    | do .....                      | 4 00    |
| 447                 | do 11...             | Adam Foster .....         | do .....  | Smith's Falls, Ont. | do .....                      | 4 00    |
| 448                 | do 11...             | Maxime Morin .....        | do .....  | Ottawa, Ont.....    | do .....                      | 4 00    |
| 449                 | do 11...             | Napoleon Seguin, .....    | do .....  | Hull, Que. ....     | do .....                      | 4 00    |
| 450                 | do 11...             | Jno. McGiffin.....        | Master, str. and fore and aft, great inland waters. | Oakville, Ont.....  | Toronto.....                  | 4 00    |
| 451                 | do 11...             | Frank Jackman.....        | Master, str., inland waters.                        | Toronto, Ont .....  | do .....                      | 4 00    |
| 452                 | do 11...             | Patrick McGreevy.....     | Master, fore and aft, inland waters.                | do .....            | do .....                      | 4 00    |
| 453                 | do 12...             | Alfred Parsons.....       | Mate, fore and aft, inland waters.                  | do .....            | do .....                      | 2 00    |
| 454                 | do 12...             | Thos. Allen Green .....   | Master, str., inland waters.                        | Hamilton, Ont.....  | do .....                      | 4 00    |
| 455                 | do 12...             | Jas. Brock .....          | Mate, fore and aft, inland waters.                  | Port Dover, Ont.... | do .....                      | 2 00    |
| 456                 | do 12...             | Jas. Mowat .....          | Master, fore and aft, inland waters.                | do .....            | do .....                      | 4 00    |
| 457                 | do 12...             | Elisha Walter Corey ..... | do .....  | Hamilton, Ont.....  | do .....                      | 4 00    |
| 458                 | do 12...             | S. Chambers Malcolmson.   | Master, square rig, inland waters.                  | do .....            | do .....                      | 4 00    |
| 459                 | do 12...             | Saml. Malcolmson.....     | Master, str., inland waters.                        | do .....            | do .....                      | 4 00    |
| 460                 | do 12...             | Thos. John Craig.....     | Master, str., minor inland waters.                  | Portsmouth, Ont..   | do .....                      | 4 00    |
| 461                 | do 12...             | Wm. Peace .....           | Master, square rig, inland waters.                  | Hamilton, Ont.....  | do .....                      | 4 00    |
| 462                 | do 11...             | Thos. Stafford .....      | Mate, fore and aft, inland waters.                  | Port Burwell, Ont.  | do .....                      | 2 00    |
| 463                 | do 11...             | John Gribbin .....        | Master, fore and aft, inland waters.                | Toronto, Ont.....   | do .....                      | 4 00    |
| 464                 | do 12...             | Hugh McKinnon .....       | Mate, fore and aft, inland waters.                  | Kincardine, Ont..   | do .....                      | 2 00    |
| 465                 | do 13...             | Isaac Wells Oaning.....   | Mate, fore and aft, coasting.                       | Port Greville, N.S. | do .....                      | 2 00    |
| 466                 | do 13...             | George Wm. Hatfield ...   | Master, fore and aft, coasting.                     | St. John, N.B.....  | St. John.....                 | 4 00    |
| 467                 | do 13...             | James Stewart.....        | do .....  | Carleton, N.B.....  | do .....                      | 4 00    |
| 468                 | do 13...             | Nelson Kelson .....       | do .....  | St. George, N.B.... | do .....                      | 4 00    |
| 469                 | do 13...             | Samuel Truman Peck ...    | do .....  | St. John, N.B.....  | do .....                      | 4 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.  | Address.                | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|---|-------------------------|-------------------------------|---------|
|                     |                      |                           |   |                         |                               | \$ cts. |
| 470                 | Mar. 13...           | John V. Young.....        | Master, fore and aft, coasting.   | Carleton, N.B.....      | St. John.....                 | 4 00    |
| 471                 | do 13...             | Franklin Goold.....       | do .....  | St. John, N.B.....      | do .....                      | 4 00    |
| 472                 | do 13...             | Arthur Day Branscombe.    | do .....  | Portland, N.B.....      | do .....                      | 4 00    |
| 473                 | do 13...             | John G. Cosman.....       | do .....  | do .....                | do .....                      | 4 00    |
| 474                 | do 13...             | William Balmer.....       | do .....  | Greenwich, N.B....      | do .....                      | 4 00    |
| 475                 | do 13...             | Harry Hawkins .....       | Master, str., coasting.   | Portland, N.B.....      | do .....                      | 4 00    |
| 476                 | do 13...             | John Edwin Farris ..      | do .....  | do .....                | do .....                      | 4 00    |
| 477                 | do 13...             | Cyrus McFarlane.....      | Mate, str., minor inland waters.  | St. John, N.B.....      | do .....                      | 2 00    |
| 478                 | do 13...             | D. Mill Buck.....         | Master, fore and aft, coasting.   | Dorchester, N.B....     | do .....                      | 4 00    |
| 479                 | do 13...             | Wren McLean.....          | do .....  | St. John, N.B. ....     | do .....                      | 4 00    |
| 480                 | do 13...             | Samuel James Milberry..   | do .....  | Plympton, N.S. ....     | Halifax.....                  | 4 00    |
| 481                 | do 13...             | George McBurnie.....      | do .....  | Diligent River, N.S     | do .....                      | 4 00    |
| 482                 | do 13...             | Thomas Kelor Bentley....  | do .....  | Port Greville, N.S.     | do .....                      | 4 00    |
| 483                 | do 13...             | Elijah Fowler Grant ..... | Mate, square rig, coasting.   | do .....                | do .....                      | 2 00    |
| 484                 | do 13...             | Alfred Kimball Spinney.   | Master, fore and aft, coasting.   | Argyle, N.S.....        | Yarmouth .....                | 4 00    |
| 485                 | do 12...             | Robert Maw .....          | Master, square rig, inland waters.  | Toronto, Ont. ....      | Toronto .....                 | 4 00    |
| 486                 | do 14...             | Arthur Wesley McKinnon    | Master, fore and aft, coasting.   | Chebogue, N.S.....      | Yarmouth .....                | 4 00    |
| 487                 | do 14...             | Alex. McDonald .....      | do .....  | Antigonish Harb'r, N.S. | Halifax.....                  | 4 00    |
| 488                 | do 14...             | John P. Armstrong .....   | do .....  | Petite Rivière, N.S     | do .....                      | 4 00    |
| 489                 | do 14...             | Burpee Bentley .....      | Mate, fore and aft, coasting.   | Parrsboro', N.S....     | do .....                      | 2 00    |
| 490                 | do 14...             | Clarence O. Anthony ....  | Master, fore and aft, coasting.   | Bear River, N.S....     | do .....                      | 4 00    |
| 491                 | do 14...             | Joseph Howe Greene.....   | do .....  | Kingsport, N.S.....     | do .....                      | 4 00    |
| 492                 | do 14...             | George Edward Bentley.    | do .....  | Port Greville, N.S.     | do .....                      | 4 00    |
| 493                 | do 14...             | George Williamson . ....  | Master, square rig, inland waters.  | Toronto, Ont.....       | Toronto.....                  | 4 00    |
| 494                 | do 14...             | Gideon Adams .....        | Mate, str., inland waters, and also as Master of tug "Gilbert" or "Curtis" between Brockville and Cardinal. | Prescott, Ont.....      | Ottawa.....                   | 2 00    |
| 495                 | do 18...             | James Owens.....          | Mate, str., inland waters.  | do .....                | Prescott.....                 | 2 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                             | Address.                    | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|------------------------------------|-----------------------------|-------------------------------|---------|
|                     |                      |                           |                                    |                             |                               | \$ cts. |
| 496                 | March 18..           | Francis O'Neil.....       | Mate, str., minor inland waters.   | On board of str. "Transit." | Prescott.....                 | 2 00    |
| 497                 | do 18...             | John Driscoll.....        | do .....                           | Prescott.....               | do .....                      | 2 00    |
| 498                 | do 18...             | James Delaney.....        | Mate, str., inland waters          | do .....                    | do .....                      | 2 00    |
| 499                 | do 18...             | Hiram Vaughn.....         | Master, str., inland waters.       | do .....                    | do .....                      | 4 00    |
| 500                 | do 18...             | Geo. Miller.....          | do .....                           | do .....                    | do .....                      | 4 00    |
| 501                 | do 18...             | Hugh Perry.....           | Mate, str., inland waters.         | do .....                    | do .....                      | 2 00    |
| 502                 | do 18...             | Henry McCauley.....       | Master, str., inland waters.       | Ogdensburg, N. Y.           | do .....                      | 4 00    |
| 503                 | do 18...             | Patrick McGrath.....      | do .....                           | Central Augusta, Ont.       | do .....                      | 4 00    |
| 504                 | do 18...             | Daniel McMillan.....      | Mate, str., inland waters.         | Prescott.....               | do .....                      | 2 00    |
| 505                 | do 18...             | Robert Delaney.....       | do .....                           | do .....                    | do .....                      | 2 00    |
| 506                 | do 18...             | Leander Schwartz.....     | Master, fore and aft, coasting.    | Lunenburg, N.S....          | Lunenburg....                 | 4 00    |
| 507                 | do 18...             | Miles Ransford Erb.....   | Mate, fore and aft, coasting.      | Kingstown, N.B....          | St. John.....                 | 2 00    |
| 508                 | do 18...             | Robert Perry.....         | Master, fore and aft, coasting.    | Parish Lancaster, N. B.     | do .....                      | 4 00    |
| 509                 | do 18...             | Wesley B. Milberry.....   | do .....                           | St. Martin's, N.B....       | do .....                      | 4 00    |
| 510                 | do 18...             | Burpee Dickson .....      | do .....                           | Portland, N.B.....          | do .....                      | 4 00    |
| 511                 | do 18...             | Leander Estabrooks .....  | Mate, str., minor inland waters    | Lower Burten, N.B.          | do .....                      | 2 00    |
| 512                 | do 10...             | Roderick McLeod.....      | Master, str., minor inland waters. | Ottawa, Ont .....           | Ottawa.....                   | 4 00    |
| 513                 | do 18...             | Damien Doucett .....      | Master, fore and aft, coasting.    | Tusket Wedge, N.S.          | Yarmouth .....                | 4 00    |
| 514                 | do 18...             | George Crossman.....      | Mate, square rig, coasting.        | Fraserville, N.S....        | Halifax.....                  | 2 00    |
| 515                 | do 18...             | Silas Wm. Deuch.....      | Mate, fore and aft, coasting.      | Parrsboro', N.S....         | do .....                      | 2 00    |
| 516                 | do 18...             | Lorenzo Dow Everett ..... | Master, fore and aft, coasting.    | Plympton, N.S....           | do .....                      | 4 00    |
| 517                 | do 19...             | Randall Merriam.....      | Master, square rig, coasting.      | Port Greville, N.S.         | do .....                      | 4 00    |
| 518                 | do 19...             | Jas. Renfrew Eldridge.... | Master, fore and aft, coasting.    | Yarmouth, N.S....           | Yarmouth .....                | 4 00    |
| 519                 | do 19...             | Wm. Allen Macomber....    | Master, str., minor inland waters  | North Sydney, C.B.          | Sydney.....                   | 4 00    |
| 520                 | do 19...             | George Spencer.....       | Master, fore and aft, coasting.    | Mira, C.B.....              | do .....                      | 4 00    |
| 521                 | do 19...             | Geo. Jas. Thorbourn.....  | do .....                           | Shelburne, N.S....          | Halifax.....                  | 4 00    |
| 522                 | do 19...             | Jno. Windsor Eisenhauer   | do .....                           | Lockeport, N.S....          | do .....                      | 4 00    |
| 523                 | do 19...             | Peter Stratford Blake.... | Master, square rig, coasting.      | Parrsboro', N.S....         | do .....                      | 4 00    |

## LIST of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.   | Address.           | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|--|--------------------|-------------------------------|---------|
|                     | 1884.                |                          |  |                    |                               | \$ cts. |
| 524                 | Mar. 19...           | Thomas Brokenshire.....  | Master, fore and aft, inland waters.                 | Cobourg, Ont.....  | Port Hope.....                | 4 00    |
| 525                 | do 19...             | James Dunning.....       | Mate, fore and aft, inland waters.                   | Bowmanville, Ont   | do .....                      | 2 00    |
| 526                 | do 19...             | Henry Maitland.....      | Master, steamer, inland waters.                      | Brighton, Ont..... | do .....                      | 4 00    |
| 527                 | do 19...             | Edward M. George.....    | Master, fore and aft, inland waters                  | do .....           | Toronto .....                 | 4 00    |
| 528                 | do 19...             | Richard Edmunds.....     | Mate, fore and aft, inland waters.                   | Port Hope, Ont.... | Port Hope.....                | 2 00    |
| 529                 | do 19...             | Michael McGwan.....      | do .....   | Cobourg, Ont.....  | do .....                      | 2 00    |
| 530                 | do 19...             | Thos. Conroy.....        | do .....   | Lakeport, Ont..... | do .....                      | 2 00    |
| 531                 | do 20...             | George Cary.....         | Master st'r, minor inland waters.                    | Lindsay, Ont.....  | do .....                      | 4 00    |
| 532                 | do 20...             | Crenius Hodge.....       | Mate, fore and aft, inland waters.                   | Port Hope, Ont.... | do .....                      | 2 00    |
| 533                 | do 20...             | Wm. Robt. Wakely.....    | Master, fore and aft, inland waters.                 | do .....           | do .....                      | 4 00    |
| 534                 | do 20...             | John Read Philip.....    | do .....   | do .....           | do .....                      | 4 00    |
| 535                 | do 20...             | Wm. Martin.....          | Mate, fore and aft, inland waters.                   | do .....           | do .....                      | 2 00    |
| 536                 | do 20...             | George Bennett.....      | Master, fore and aft, inland waters.                 | do .....           | do .....                      | 4 00    |
| 537                 | do 20...             | Michael O'Mailley.....   | Mate, fore and aft, inland waters.                   | do .....           | do .....                      | 2 00    |
| 538                 | do 20...             | Alfred Elisba Munson...* | Master, st'r, minor, inland waters.                  | Cobourg, Ont.....  | do .....                      | 4 00    |
| 539                 | do 20...             | Wm. Manson, jun.....     | Master, fore and aft, inland waters.                 | Port Hope, Ont.... | do .....                      | 4 00    |
| 540                 | do 20...             | Chas. Arthur Munson....  | Master, st'r, minor, inland waters.                  | Cobourg, Ont.....  | do .....                      | 4 00    |
| 541                 | do 20...             | Joseph Braund.....       | Master, fore and aft, inland waters.                 | Port Hope, Ont.... | do .....                      | 4 00    |
| 542                 | do 20...             | Elias Casey.....         | do .....   | Cobourg, Ont.....  | do .....                      | 4 00    |
| 543                 | do 20...             | George Sherwood.....     | do .....   | Brighton, Ont..... | do .....                      | 4 00    |
| 544                 | do 20...             | Daniel Rooney.....       | do .....   | Cobourg, Ont.....  | do .....                      | 4 00    |
| 545                 | do 20...             | John Lavis.....          | Mate, fore and aft, inland waters.                   | do .....           | do .....                      | 2 00    |
| 546                 | do 20...             | Hugh Rooney.....         | Master, fore and aft, inland waters.                 | do .....           | do .....                      | 4 00    |
| 547                 | do 20...             | Thos. Matthews.....      | Mate, fore and aft, inland waters.                   | Colborne, Ont..... | do .....                      | 2 00    |
| 548                 | do 20...             | Andrew Martin.....       | Master, fore and aft, inland waters.                 | Brighton, Ont..... | do .....                      | 4 00    |
| 549                 | do 20...             | Donald Manson.....       | Master, steamer, inland fore and aft, inland waters. | Port Hope, Ont.... | do .....                      | 4 00    |
| 550                 | do 21...             | Joseph Philip.....       | Master, fore and aft, inland waters.                 | do .....           | do .....                      | 4 00    |
| 551                 | do 21...             | Peter Lowry.....         | do .....   | do .....           | do .....                      | 4 00    |

List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.   | Address.            | Where Examination was Passed. | Fee     |
|---------------------|----------------------|--------------------------|--|---------------------|-------------------------------|---------|
|                     | 1884.                |                          |  |                     |                               | \$ cts. |
| 552                 | Mar. 21...           | Thos. Crosbie .....      | Master, fore and aft, inland waters.           | Port Hope, Ont....  | Port Hope.....                | 4 00    |
| 553                 | do 21...             | Benjamin Guinyon.....    | Mate, fore and aft, inland waters.             | do .....            | do .....                      | 2 00    |
| 554                 | do 21...             | Thos. Uglow .....        | Master, fore and aft, inland waters.           | do .....            | do .....                      | 4 00    |
| 555                 | do 21...             | John Shaw .....          | do .....                                       | Lakeport, Ont ..... | do .....                      | 4 00    |
| 556                 | do 21...             | Wm. Casey .....          | Master, str. and fore and aft, inland waters.  | Port Hope, Ont. ... | do .....                      | 4 00    |
| 557                 | do 21...             | Richard Clark.....       | Master, fore and aft, inland waters.           | do .....            | do .....                      | 4 00    |
| 558                 | do 21...             | Wm. Thos. Clark .....    | do .....                                       | do .....            | do .....                      | 4 00    |
| 559                 | do 21...             | Wm. Wakely .....         | do .....                                       | do .....            | do .....                      | 4 00    |
| 560                 | do 21...             | Patrick Dunn .....       | Mate, fore and aft, inland waters.             | do .....            | do .....                      | 2 00    |
| 561                 | do 21...             | Albert Sainsbury .....   | do .....                                       | do .....            | do .....                      | 2 00    |
| 562                 | do 21...             | Samuel Edward Philp....  | Master, fore and aft, inland waters.           | do .....            | do .....                      | 4 00    |
| 563                 | do 21...             | Thos. Slight.....        | do .....                                       | do .....            | do .....                      | 4 00    |
| 564                 | do 21...             | Chas. Edwin Wakely.....  | do .....                                       | do .....            | do .....                      | 4 00    |
| 565                 | do 21...             | Wm. Henry Braund .....   | do .....                                       | do .....            | do .....                      | 4 00    |
| 566                 | do 21...             | Wm. Manson .....         | Master, steamer and square rig, inland waters. | do .....            | do .....                      | 4 00    |
| 567                 | do 21...             | Jas. Edmunds .....       | Master, fore and aft, inland waters.           | do .....            | do .....                      | 4 00    |
| 568                 | do 21...             | Richard Jas. Edmunds ... | do .....                                       | do .....            | do .....                      | 4 00    |
| 569                 | do 21...             | Wm. Fee .....            | Master, str., minor inland waters.             | Lindsay, Ont.....   | do .....                      | 4 00    |
| 570                 | do 21...             | Thos. Fox .....          | Master, fore and aft, inland waters.           | Port Hope, Ont....  | do .....                      | 4 00    |
| 571                 | do 21...             | Jno. Ewart .....         | Master, square rig, inland waters.             | Cobourg, Ont. ....  | Toronto .....                 | 4 00    |
| 572                 | do 22...             | Jas. Hadden.....         | Master, fore and aft, inland waters.           | Port Hope, Ont....  | Port Hope.....                | 4 00    |
| 573                 | do 22...             | John Baltes .....        | Master, str., minor inland waters.             | do .....            | do .....                      | 4 00    |
| 574                 | do 22...             | George Hunter.....       | Mate, fore and aft, inland waters.             | do .....            | do .....                      | 2 00    |
| 575                 | do 22...             | Thos. O'Brien .....      | do .....                                       | do .....            | do .....                      | 2 00    |
| 576                 | do 22...             | Walter Jas. Colwill..... | Master, fore and aft, inland waters.           | do .....            | do .....                      | 4 00    |
| 577                 | do 22...             | Jno. Strickland.....     | do .....                                       | do .....            | do .....                      | 4 00    |
| 578                 | do 22...             | Jos. Philp, jun.....     | Mate, fore and aft, inland waters.             | do .....            | do .....                      | 2 00    |
| 579                 | do 22...             | Thos. Connors.....       | do .....                                       | do .....            | do .....                      | 2 00    |



## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                               | Address.                      | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|--------------------------------------|-------------------------------|-------------------------------|---------|
|                     |                      |                          |                                      |                               |                               | \$ cts. |
| 580                 | Mar. 22...           | Francis Curran .....     | Mate, fore and aft, inland waters.   | Port Hope, Ont....            | Port Hope.....                | 2 00    |
| 581                 | do 22...             | Wm. Jno. Johnson .....   | do ..                                | do .....                      | do .....                      | 2 00    |
| 582                 | do 23...             | Samuel Cornish .....     | do ...                               | do .....                      | do .....                      | 2 00    |
| 583                 | do 22...             | George Wright .....      | Master, fore and aft, inland waters. | do .....                      | do .....                      | 4 00    |
| 584                 | do 22...             | James Hodge .....        | Mate, fore and aft, inland waters.   | do .....                      | do .....                      | 2 00    |
| 585                 | do 22...             | Matthew Fox .....        | do ...                               | do .....                      | do .....                      | 2 00    |
| 586                 | do 24...             | Thomas Wakely .....      | do ...                               | do .....                      | do .....                      | 2 00    |
| 587                 | do 24...             | Charles Richard Nixon... | Master, fore and aft, inland waters. | do ... ..                     | do .....                      | 4 00    |
| 588                 | do 24 ..             | Jas. Arthur Slamon ..... | Mate, fore and aft, inland waters.   | Cobourg, Ont.....             | do .....                      | 2 00    |
| 589                 | do 24...             | John Wright. ....        | Master, fore and aft, inland waters. | Port Hope, Ont....            | do .....                      | 4 00    |
| 590                 | do 24...             | Robt. Henning.....       | do ...                               | do .....                      | do .....                      | 4 00    |
| 591                 | do 24...             | Fredk. R. Clark.....     | Mate, fore and aft, inland waters.   | do .....                      | do ..                         | 2 00    |
| 592                 | do 24...             | Thos. Cavanagh .....     | do ...                               | Cobourg, Ont.....             | do .....                      | 2 00    |
| 593                 | do 24...             | John Breen.....          | do ...                               | Port Hope, Ont....            | do .....                      | 2 00    |
| 594                 | do 24...             | Robt. Wm. Battis.....    | Master, str., minor inland waters.   | Quebec, Que.....              | Quebec .....                  | 4 00    |
| 595                 | do 24...             | Jos. Desrochers.....     | Master, str., coasting.              | Lévis, Que.....               | do .....                      | 4 00    |
| 596                 | do 24...             | Jean Barras.....         | do ...                               | Bienville, Lévis, Que.        | do .....                      | 4 00    |
| 597                 | do 24...             | Cajetan Deschene.....    | Master, str., minor inland waters.   | Lévis, Que. ....              | do .....                      | 4 00    |
| 598                 | do 24...             | Louis Bernier .....      | Mate, square rig, coasting.          | Cap St. Ignace, Que.          | do .....                      | 2 00    |
| 599                 | do 24...             | Wilfrid Raymond.....     | Master, str., minor inland waters.   | Deschambault, Que             | do .....                      | 4 00    |
| 600                 | do 24...             | Louis Nadeau.....        | do ...                               | Lévis, Que.....               | do .....                      | 4 00    |
| 601                 | do 24...             | Théodore Carrier .....   | Master, str., coasting.              | St Joseph de Lévis, Que.      | do .....                      | 4 00    |
| 602                 | do 24...             | Antoine Joncas.....      | Master, fore and aft, coasting.      | Berthier <i>en bas</i> , Que. | do .....                      | 4 00    |
| 603                 | do 24...             | Michel Coulombe.....     | do ...                               | do ...                        | do .....                      | 4 00    |
| 604                 | do 24...             | George Barras .....      | Mate, s tr., coasting.               | Village Lauzon, Lévis, Que.   | do .....                      | 2 00    |
| 605                 | do 24...             | Alexandre Barras.....    | Master, str., minor inland waters.   | do ...                        | do .....                      | 4 00    |
| 606                 | do 24...             | Pierre Turgeon .....     | do ...                               | Bienville, Lévis, Que.        | do .....                      | 4 00    |
| 607                 | do 24...             | Cléophas Buteau.....     | Master, square rig, coasting.        | Berthier <i>en bas</i> , Que. | do .....                      | 4 00    |

LIST of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                             | Address.                        | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|------------------------------------|---------------------------------|-------------------------------|---------|
|                     | 1884.                |                           |                                    |                                 |                               | \$ cts. |
| 608                 | Mar. 24...           | Cléophas Auger .....      | Master, str., coasting.            | Lévis, Que.....                 | Quebec.....                   | 4 00    |
| 609                 | do 24...             | Magloire Lachance.....    | Master, fore and aft, coasting.    | St. Jean, Isle d'Orleans, Que.  | do .....                      | 4 00    |
| 610                 | do 24...             | Alfred Langlade.....      | Mate, fore and aft, coasting.      | Quebec, Que.....                | do .....                      | 2 00    |
| 611                 | do 26...             | Louis Samson.....         | Master, str., coasting.            | Vill Notre Dame, Lévis, Que.    | do .....                      | 4 00    |
| 612                 | do 26...             | Hilaire Lachance .....    | Master, str., minor inland waters. | Lévis Que.....                  | do .....                      | 4 00    |
| 613                 | do 26...             | Joseph Cantin .....       | do .....                           | Bienville, Lévis, Que.          | do .....                      | 4 00    |
| 614                 | do 26...             | Joseph Plante.....        | do .....                           | Isle of Orleans, Que            | do .....                      | 4 00    |
| 615                 | do 26...             | Xavier Coulombe .....     | Master, fore and aft, coasting.    | Berthier en bas, Que            | do .....                      | 4 00    |
| 616                 | do 26...             | Rémi Dion, jun .....      | Master, str., coasting.            | Lévis, P.Q.....                 | do .....                      | 4 00    |
| 617                 | do 26...             | Louis Laplante .....      | do .....                           | St. Nicholas, Que.              | do .....                      | 4 00    |
| 618                 | do 26...             | Michel Talbot.....        | Master, square rig, coating.       | Quebec.....                     | do .....                      | 4 00    |
| 619                 | do 27...             | Laurent Noël.....         | Mate, str., coasting.              | St. Michele, Que...             | do .....                      | 2 00    |
| 620                 | do 27...             | Thomas Frenette .....     | Master, fore and aft, coasting.    | Portneuf, Que .....             | do .....                      | 4 00    |
| 621                 | do 27...             | Michel Lecours .....      | Master, str., minor inland waters. | Bienville, Que.....             | do .....                      | 4 00    |
| 622                 | do 24...             | John Ewart .....          | Mate, fore and aft, inland waters. | Cobourg, Ont.....               | Port Hope .....               | 2 00    |
| 623                 | do 31...             | Adelard Fortin .....      | Mate, str., minor inland waters.   | St. Thomas, Que...              | Quebec.....                   | 2 00    |
| 624                 | do 28...             | Jean Baptiste Baron.....  | Mate, str., coasting.              | Lévis, Que.....                 | do .....                      | 4 00    |
| 625                 | do 28...             | Wm. T. Davie.....         | do .....                           | do .....                        | do .....                      | 4 00    |
| 626                 | do 28...             | Thomas Barras.....        | Master, str., minor inland waters. | Bienville, Lévis, Que.          | do .....                      | 4 00    |
| 627                 | do 28...             | John LeBlanc .....        | Master, square rig, coasting.      | Carleton, Que .....             | do .....                      | 4 00    |
| 628                 | do 28...             | James Kiely.....          | Master, str., coasting.            | St. Romuald, Que..              | do .....                      | 4 00    |
| 629                 | do 28...             | Jos. Nadeau.....          | do .....                           | Lévis, Que.....                 | do .....                      | 4 00    |
| 630                 | do 28...             | Willbrod Tremblay.....    | Mate, fore and aft, coasting.      | St. Charles, St. Roch, Que.     | do .....                      | 2 00    |
| 631                 | do 28...             | Joseph Ruel .....         | Master, str., coasting.            | Village Notre Dame, Lévis, Que. | do .....                      | 4 00    |
| 632                 | do 28...             | Télesphore Mercier.....   | Master, fore and aft, coasting.    | Berthier, en bas, Que.          | do .....                      | 4 00    |
| 633                 | do 28...             | Jean Baptiste Mercier.... | do .....                           | do .....                        | do .....                      | 4 00    |
| 634                 | do 29...             | Germain St. Pierre.....   | Master, str., minor inland waters. | St. Joseph of Lévis, Que.       | do .....                      | 4 00    |
| 635                 | do 29...             | Joseph Campagnor.....     | Master, str., coasting.            | St. Larivière, Que.             | do .....                      | 2 00    |

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| No. of Certificate. | Date of Certificate. | Name.                     | Grade.   | Address.                       | Where Examination was Passed. | Fee.   |
|---------------------|----------------------|---------------------------|--|--------------------------------|-------------------------------|--------|
|                     | 1884.                |                           |  |                                |                               | 5 cts. |
| 636                 | Mar. 29...           | Damase Lord.....          | Master, str., minor inland waters.                           | Quebec.....                    | Quebec.....                   | 4 00   |
| 637                 | do 29...             | Jos. Labadie.....         | do   | Notre Dame de Lévis, Que.      | do                            | 4 00   |
| 638                 | do 29...             | Louis Auguste Bernier...  | Master, fore and aft, coasting, and str., minor inl'd waters | Village Lauzon, Lévis, Que.    | do                            | 4 00   |
| 639                 | do 31...             | Leon Desrochers.....      | Master, str., minor inland waters.                           | Lévis, Que.....                | do                            | 4 00   |
| 640                 | do 31...             | Baptiste Emond.....       | Master, fore and aft, coasting.                              | Quebec.....                    | do                            | 4 00   |
| 641                 | do 31...             | Edouard Laflamme.....     | Mate, str., minor inland waters.                             | Lévis, Que.....                | do                            | 2 00   |
| 642                 | do 31...             | Narcisse Gaudrault.....   | Master, fore and aft, coasting.                              | L'Islet, Que.....              | do                            | 4 00   |
| 643                 | do 31...             | Louis Gosselin.....       | do   | Deschambault, Que              | do                            | 4 00   |
| 644                 | do 31...             | Philius Gariepy.....      | do   | do                             | do                            | 4 00   |
| 645                 | do 31...             | Jean Bap. Mercier, jun... | do   | Berthier, <i>en bas</i> , Que. | do                            | 4 00   |
| 646                 | do 31...             | Isidore Lacombe.....      | do   | St. Thomas, Que...             | do                            | 4 00   |
| 647                 | do 31...             | Narcisse Blais.....       | do   | Berthier, <i>en bas</i> , Que  | do                            | 4 00   |
| 648                 | do 31...             | George Paquet.....        | do   | Deschambault, Que              | do                            | 4 00   |
| 649                 | do 31...             | Augustin Galibois.....    | do   | Berthier, <i>en bas</i> , Que  | do                            | 4 00   |
| 650                 | do 31...             | Antoine Edmond Joncas     | do   | do                             | do                            | 4 00   |
| 651                 | do 31...             | Hilaire Naud.....         | Master, str., minor inland waters.                           | Deschambault, Que              | do                            | 4 00   |
| 652                 | April 1...           | Fleurrie Perrault.....    | Master, fore and aft, coasting.                              | do                             | do                            | 4 00   |
| 653                 | do 1...              | Samuel Perrault.....      | do   | do                             | do                            | 4 00   |
| 654                 | do 1...              | Oliva Portelance.....     | do   | do                             | do                            | 4 00   |
| 655                 | do 1...              | Odilon Portelance.....    | do   | do                             | do                            | 4 00   |
| 656                 | do 1...              | Olivier Perrault.....     | do   | do                             | do                            | 4 00   |
| 657                 | do 1...              | Jean Baptiste Masson,.... | do   | St. Thomas, Que...             | do                            | 4 00   |
| 658                 | do 1...              | Alphonse Bourget.....     | Master, str., minor inland waters.                           | Lauzon, Que.....               | do                            | 4 00   |
| 659                 | do 1...              | Hermenégilde Boulanger    | Master, square rig, coasting.                                | St. Thomas, Que...             | do                            | 4 00   |
| 660                 | do 1...              | Nazaire Edson Angers...   | Master, fore and aft, coasting.                              | Deschambault, Que              | do                            | 4 00   |
| 661                 | do 1...              | Ferdinand Boisvert.....   | do   | St. Croix, Que....             | do                            | 4 00   |
| 662                 | do 1...              | James Coute.....          | do   | Quebec.....                    | do                            | 4 00   |
| 663                 | do 1...              | Théophile Jean.....       | Mate, str., minor inland waters.                             | Lévis, Que.....                | do                            | 2 00   |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                               | Address.                  | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--------------------------------------|---------------------------|-------------------------------|---------|
|                     |                      |                           |                                      |                           |                               | \$ cts. |
| 664                 | April 1...           | Delphin Jacques.....      | Master, square rig, coasting.        | L'Islet, Que.....         | Quebec.....                   | 4 00    |
| 665                 | do 1...              | Narcisse Bernier.....     | Mate, square rig, coasting.          | L'Anse à Giles, Que.      | do.....                       | 2 00    |
| 666                 | do 1...              | Léon Laroche.....         | Master, fore and aft, inland waters. | St. Croix, Que.....       | do.....                       | 4 00    |
| 667                 | do 1...              | François X. Boisvert..... | Master, fore and aft, coasting.      | do.....                   | do.....                       | 4 00    |
| 668                 | do 1...              | Rémi Dion.....            | Master, str., minor inland waters.   | Lévis, Que.....           | do.....                       | 4 00    |
| 669                 | do 1...              | Louis Caron.....          | Mate, square rig, coasting.          | L'Islet, Que.....         | do.....                       | 2 00    |
| 670                 | do 1...              | Onésime Bernier.....      | Master, fore and aft, coasting.      | Cap. St. Ignace, Que.     | do.....                       | 4 00    |
| 671                 | do 1...              | Diojene Guimont.....      | do .....                             | do .....                  | do.....                       | 4 00    |
| 672                 | do 1...              | Josepha Fortin.....       | Mate, fore and aft, coasting.        | do .....                  | do.....                       | 2 00    |
| 673                 | do 1...              | Alfred Talbot.....        | Master, square, rig, coasting.       | do .....                  | do.....                       | 4 00    |
| 674                 | do 1...              | Phidime Menard....        | Mate, fore and aft, coasting.        | L'Islet, Que.....         | do.....                       | 2 00    |
| 675                 | do 1...              | Hermenégilde Menard....   | do .....                             | do .....                  | do.....                       | 2 00    |
| 676                 | do 1...              | Julien Charrier.....      | Master, str., minor inland waters.   | Lévis, Que.....           | do.....                       | 4 00    |
| 677                 | do 1...              | Joseph Belanger.....      | Mate, fore and aft, coasting.        | Cap St. Ignace, Que       | do.....                       | 2 00    |
| 678                 | do 1...              | François Xavier Dion....  | Master, str., minor inland waters.   | Lévis, Que.....           | do.....                       | 4 00    |
| 679                 | do 1...              | Arthur Bélanger .....     | Master, fore and aft, coasting.      | Cap St. Ignace, Que       | do.....                       | 4 00    |
| 680                 | do 1...              | Onésime Rouleau .....     | Master, str., minor inland waters.   | Lévis, Que.....           | do.....                       | 4 00    |
| 681                 | do 2...              | Fabien Couillard Desprès  | Master, fore and aft, coasting.      | St. Thomas, Que...        | do.....                       | 4 00    |
| 682                 | do 2...              | Napoléon Thivierge.....   | Master, str., minor inland waters.   | Burg Labadie, Lévis, Que. | do.....                       | 4 00    |
| 683                 | do 2...              | Eusèbe Menard.....        | Master, fore and aft, coasting.      | L'Islet, Que .....        | do.....                       | 4 00    |
| 684                 | do 2...              | Augustin Charrier .....   | Master, str., minor inland waters.   | Lévis, Que.....           | do.....                       | 4 00    |
| 685                 | do 2...              | Onésime Menard.....       | Master, fore and aft, coasting.      | L'Islet, Que.....         | do.....                       | 4 00    |
| 686                 | do 2...              | Bernardin Tremblay.....   | do .....                             | Les Eboulements, Que.     | do.....                       | 4 00    |
| 687                 | do 2...              | Olivier Rivard.....       | do .....                             | Grondines, Que....        | do.....                       | 4 00    |
| 688                 | do 2...              | Louis St. Pierre.....     | Master, str., minor inland waters.   | Lauzon, Que.....          | do.....                       | 4 00    |
| 689                 | do 2...              | Robt. Sample.....         | do .....                             | South Quebec, Que         | do.....                       | 4 00    |
| 690                 | do 2...              | Eustache Menard.....      | Mate, fore and aft, coasting.        | L'Islet, Que.....         | do.....                       | 2 00    |
| 691                 | do 2...              | Alban Tremblay .....      | Master, fore and aft, coasting.      | Les Eboulements, Que.     | do.....                       | 4 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.   | Address.                | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|--|-------------------------|-------------------------------|---------|
|                     | 1884.                |                          |  |                         |                               | \$ cts. |
| 692                 | April 2...           | Francis Gagnon.....      | Mate, fore and aft, coasting.                                | Les Eboulements, Que.   | Quebec.....                   | 2 00    |
| 693                 | do 2...              | Napoléon Tremblay.....   | do ...   | do ...                  | do .....                      | 2 00    |
| 694                 | do 2...              | Benjamin Bergeron.....   | Master, fore and aft, coasting.                              | do ...                  | do .....                      | 4 00    |
| 695                 | do 2...              | George Michaud.....      | Master, square rig, casting.                                 | do ...                  | do .....                      | 4 00    |
| 696                 | do 2...              | Wm. Bolduc.....          | Master, str., minor inland waters.                           | Bienville, Lévis, Que.  | do .....                      | 4 00    |
| 697                 | do 2...              | Clovis Audet.....        | Master, square rig, coasting.                                | Les Eboulements, Que.   | do .....                      | 4 00    |
| 698                 | do 2...              | Solyne Tremblay.....     | Master, fore and aft, coasting.                              | do ...                  | do .....                      | 4 00    |
| 699                 | do 2...              | Edouard Barras.....      | Master, str., minor inland waters.                           | Lévis, Que.....         | do .....                      | 4 00    |
| 700                 | do 2...              | Hypolite Gagnon.....     | Master, fore and aft, coasting.                              | Quebec, Que.....        | do .....                      | 4 00    |
| 701                 | do 2...              | Maurice Degagné.....     | do ...   | Les Eboulements, Que.   | do .....                      | 4 00    |
| 702                 | do 2...              | Pierre Boivin.....       | do ...   | do ...                  | do .....                      | 4 00    |
| 703                 | do 2...              | Honoré Poiré.....        | Master, str., minor inland waters.                           | Lévis, Que.....         | do .....                      | 4 00    |
| 704                 | do 2...              | Alfred Flamant.....      | Master, str., coasting.                                      | Village Bienville, Que. | do .....                      | 4 00    |
| 705                 | do 2...              | Geo. Chamberland.....    | Master, str., minor inland waters.                           | Lévis, Que.....         | do .....                      | 4 00    |
| 706                 | do 2...              | Joseph Tremblay.....     | Master, fore and aft, coasting.                              | Les Eboulements, Que.   | do .....                      | 4 00    |
| 707                 | do 2...              | Edward Baron, jun.....   | Master, str., minor inland waters.                           | Lévis, Que.....         | do .....                      | 4 00    |
| 708                 | do 2...              | August Couillard Despris | Master, str., coasting.                                      | Lauzon, Lévis, Que      | do .....                      | 4 00    |
| 709                 | do 2...              | Jean Tremblay.....       | Master, fore and aft, coasting.                              | Les Eboulements, Que    | do .....                      | 4 00    |
| 710                 | do 2...              | Thos. Tremblay.....      | do ...   | do ...                  | do .....                      | 4 00    |
| 711                 | do 2...              | Alexander Tremblay.....  | do ...   | do ...                  | do .....                      | 4 00    |
| 712                 | do 2...              | Honoré Lachance.....     | Master, square rig, coasting.                                | Hedleyville, Que...     | do .....                      | 4 00    |
| 713                 | do 2...              | John Irving.....         | Master, str., coasting.                                      | Victoria, B.C.....      | Victoria.....                 | 4 00    |
| 714                 | do 2...              | Wm. Beynon.....          | do ...   | do .....                | do .....                      | 4 00    |
| 715                 | do 2...              | Jos. Chas. Thomson.....  | Master, str. and fore and aft rigged vessels, inland waters. | Welland, Ont.....       | Toronto.....                  | 4 00    |
| 716                 | do 2...              | George Ruellin.....      | Master, str., coasting.                                      | Victoria, B.C.....      | Victoria.....                 | 4 00    |
| 717                 | do 2...              | James Byrne.....         | Master, fore and aft, coasting.                              | St. Pierre Miquelon     | Halifax.....                  | 4 00    |
| 718                 | do 2...              | James Spearwater.....    | do ...   | Lower Dublin.....       | Lunenburg....                 | 4 00    |

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Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                                 | Address.                  | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--|---------------------------|-------------------------------|---------|
|                     | 1884.                |                           |  |                           |                               | \$ cts. |
| 719                 | April 2...           | Wm. Fenwick Pettis.....   | Mate, fore and aft, coasting.          | Fox River, N.S. ....      | Parrsboro' .....              | 2 00    |
| 720                 | do 2...              | Jas. Douglas Warren.....  | Master, str., coasting.                | James' Bay, B.C. ...      | Victoria .....                | 4 00    |
| 721                 | do 2...              | Jno. Wm. Cochran.....     | Mate, fore and aft, coasting.          | Fox River, N.S. ....      | Parrsboro' .....              | 2 00    |
| 722                 | do 3...              | Geo. Riverin .....        | Mate, str., coasting                   | Three Rivers, Que.        | Quebec .....                  | 2 00    |
| 723                 | do 3...              | Joseph Picord .....       | do                                     | Cap St. Ignace, Que.      | do .....                      | 2 00    |
| 724                 | do 3...              | Robt. Dickey .....        | Master, str., coasting.                | St. Roch, Que. ....       | do .....                      | 4 00    |
| 725                 | do 3...              | Alfred Lemieux.....       | Master, fore and aft and str, coasting | Notre Dame de Lévis, Que. | do .....                      | 4 00    |
| 726                 | do 3...              | Theophile Bernier. ....   | Mate, str., coasting                   | Cap St. Ignace, Que.      | do .....                      | 2 00    |
| 727                 | do 3...              | Octave Dubois.....        | Master, str., minor inland waters.     | St. Nicholas, Que..       | do .....                      | 4 00    |
| 728                 | do 3...              | Alfred Lessard .....      | do                                     | St. Thomas, Que...        | do .....                      | 4 00    |
| 729                 | do 3...              | Telesphore Deschêne....   | do                                     | Lévis, Que.....           | do .....                      | 4 00    |
| 730                 | do 3...              | Wm. Baker.....            | do                                     | St. Nicholas, Que..       | do .....                      | 4 00    |
| 731                 | do 3...              | Charles Carrier.....      | do                                     | Notre Dame, Que..         | do .....                      | 4 00    |
| 732                 | do 3...              | Jean Baptiste Lessard.... | do                                     | St. Joseph de Lévis, Que. | do .....                      | 4 00    |
| 733                 | do 3...              | James H. Logan .....      | do                                     | Cardinal, Ont. ....       | Ottawa.....                   | 4 00    |
| 734                 | do 3...              | Wm. Allison Logan.....    | do                                     | Prescott, Ont. ....       | Prescott.....                 | 4 00    |
| 735                 | do 3...              | Michael Bond.....         | Master, fore and aft, coasting.        | West Arichat, N.S.        | Arichat .....                 | 4 00    |
| 736                 | do 3...              | Benjamin Decoste.....     | Master, square rig, coasting           | West Arichat, N.S.        | Arichat .....                 | 4 00    |
| 737                 | do 3...              | Benjamin Marchand.....    | Mate, square rig, coasting.            | Arichat, N.S. ....        | do .....                      | 2 00    |
| 738                 | do 3...              | Joseph King .....         | do                                     | D'Escouse, C.B. ....      | do .....                      | 2 00    |
| 739                 | do 3...              | Lawrence Sampson.....     | do                                     | West Arichat, N.S.        | do .....                      | 2 00    |
| 740                 | do 3...              | Alex. Francis Boudrot ... | Master, fore and aft, coasting.        | Arichat, C.B. ....        | do .....                      | 4 00    |
| 741                 | do 3...              | Dan. Jas. McDonald. ....  | do                                     | Big Cove, N.S. ....       | do .....                      | 4 00    |
| 742                 | do 3...              | Joseph Boudrot .....      | do                                     | Ponlamond, Que...         | do .....                      | 4 00    |
| 743                 | do 3...              | Abraham And. LeBlanc.     | do                                     | Port Royal, N.S. ...      | do .....                      | 4 00    |
| 744                 | do 3...              | Jas. George LeBlanc.....  | Master, square rig, coasting.          | Arichat, N.S. ....        | do .....                      | 4 00    |
| 745                 | do 3...              | Isidore Landry.....       | do                                     | do                        | do .....                      | 4 00    |
| do                  | 3...                 | Lawrence Felix Terrio ... | Master, fore and aft, coasting.        | do                        | do .....                      | 4 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                      | Grade.  | Address.              | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|----------------------------|---|-----------------------|-------------------------------|---------|
|                     | 1884.                |                            |   |                       |                               | \$ cts. |
| 747                 | April 3 ..           | Elias Martell .....        | Mate, square rig, coasting.                     | Arichat, N.S. ....    | Arichat .....                 | 2 00    |
| 748                 | do 3...              | Rodk. McDonald.....        | Master, square rig, coasting.                   | West Arichat, C.B.    | do .....                      | 4 00    |
| 749                 | do 3...              | Wm. Girroir .....          | Master, fore and aft, coasting.                 | do ...                | do .....                      | 4 00    |
| 750                 | do 3...              | Pascal Vigneau.....        | Mate, square rig, coasting.                     | do ...                | do .....                      | 2 00    |
| 751                 | do 3...              | Benjamin Boudro.....       | do ...  | do ...                | do .....                      | 2 00    |
| 752                 | do 3...              | John Pellam.....           | Master, square rig, coasting.                   | do ...                | do .....                      | 4 00    |
| 753                 | do 3...              | Pascal Poirior.....        | Master, fore and aft, coasting.                 | D'Escouse, C.B....    | do .....                      | 4 00    |
| 754                 | do 3...              | Isidore Poirior .....      | Master, square rig, coasting.                   | Martinigan, N.S....   | do .....                      | 4 00    |
| 755                 | do 3...              | Chas. Peter LeBlanc.....   | Master, fore and aft, coasting.                 | Arichat, C.B....      | do .....                      | 4 00    |
| 756                 | do 3...              | Ai Rhude .....             | do ...  | Halifax, N.S.....     | Halifax.....                  | 4 00    |
| 757                 | do 3...              | Albert Elijah Ritcey ..... | do ...  | Ritcey's Cove, N.S.   | do .....                      | 4 00    |
| 758                 | do 3...              | Philip Townsend.....       | do ...  | Louisburg, C.B....    | Sydney.....                   | 4 00    |
| 759                 | do 3...              | Jas. Maddison Davis .....  | Master, str., coasting.                         | Yarmouth, N.S....     | Yarmouth .....                | 4 00    |
| 760                 | do 3...              | Jos. Alex. Cole .....      | Mate, fore and aft, coasting.                   | Port Greville, N.S.   | Parrsboro'.....               | 2 00    |
| 761                 | do 3...              | Wm. A. Gaetz.....          | Master, fore and aft, coasting.                 | Lunenburg, N.S....    | Lunenburg ...                 | 4 00    |
| 762                 | do 3...              | John Loye .....            | do ...  | do ...                | do .....                      | 4 00    |
| 763                 | do 3...              | Chas. C. Rhuland .....     | Mate, fore and aft, coasting.                   | do ...                | do .....                      | 2 00    |
| 764                 | do 3...              | Isaac David Mason .....    | Master, fore and aft, coasting.                 | do ...                | do .....                      | 4 00    |
| 765                 | do 3...              | Martin John Mason.....     | do ...  | do ...                | do .....                      | 4 00    |
| 766                 | do 3...              | Chs. Thimothée Rouleau.    | Master, str., minor inland waters.              | Lévis, P.Q.....       | Quebec.....                   | 4 00    |
| 767                 | do 4...              | Winfield Yates Theal. .... | Master, fore and aft, coasting.                 | River Hebert, N.S.    | Parrsboro'.....               | 4 00    |
| 768                 | do 4...              | William Pettis.....        | Master, square rig, coasting.                   | Port Greville, N.S.   | do .....                      | 4 00    |
| 769                 | do 4...              | Neil Curry .....           | Master, fore and aft, coasting.                 | Sydney, C.B.....      | Sydney .....                  | 4 00    |
| 770                 | do 5...              | Samuel William Peters...   | Mate, fore and aft, coasting.                   | Cow Bay, C.B.....     | do .....                      | 2 00    |
| 771                 | do 4...              | John Gildert.....          | Master, fore and aft, coasting.                 | Lunenburg, N.S. ...   | Lunenburg. ...                | 4 00    |
| 772                 | do 4...              | William Rogers.....        | Master, str., coasting.                         | New Westminster, B.C. | Victoria.....                 | 4 00    |
| 773                 | do 4...              | John Cavin .....           | do ...  | Victoria, B.C.....    | do .....                      | 4 00    |
| 774                 | do 4...              | William Moore.....         | Master, str., minor inland waters and coasting. | do .....              | do .....                      | 4 00    |

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| No. of Certificate. | Date of Certificate. | Name.                     | Grade.   | Address.                 | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--|--------------------------|-------------------------------|---------|
|                     | 1884.                |                           |  |                          |                               | \$ cts. |
| 775                 | April 4...           | John Allen Gardiner.....  | Master, str., coast-<br>ing.   | Victoria, B.C.....       | Victoria... ..                | 4 00    |
| 776                 | do 4...              | William Johnson.....      | do ..  | Moodyville, B.C ...      | do .....                      | 4 00    |
| 777                 | do 4...              | James Seymour.....        | Mate, str., coasting   | Victoria, B.C. ....      | do .....                      | 2 00    |
| 778                 | do 4...              | Thomas Pamphlet.....      | Master, str., coast-<br>ing.   | Rock Bay, C.B.....       | do .....                      | 4 00    |
| 779                 | do 4...              | George Marchant.....      | do ..  | Burrard Inlet, B.C.      | do .....                      | 4 00    |
| 780                 | do 4...              | Walter Wallin.....        | Mate, str., coasting   | New Westminster,<br>B.C. | do .....                      | 2 00    |
| 781                 | do 4...              | Wm. Brascomb McLean       | Master, str., minor<br>inland waters.  | Portland, N.B.....       | St. John.....                 | 4 00    |
| 782                 | do 4...              | Samuel Price.....,.....   | Master, str., minor<br>inland waters;<br>also ent'd master,<br>str., coasting. | do .....                 | do .....                      | 4 00    |
| 783                 | do 4...              | James D. Farris. ....     | do ..  | do .....                 | do .....                      | 4 00    |
| 784                 | do 4...              | Joseph Bishop.....        | Master, fore and aft,<br>coasting.   | Hopewell, N.B.....       | do .....                      | 4 00    |
| 785                 | do 4...              | Samuel Williams.....      | Master, str., coast-<br>ing.   | Victoria, B.C. ....      | Victoria .....                | 4 00    |
| 786                 | do 4...              | Harold Franklyn.....      | Mate, str., coasting   | do .....                 | do .....                      | 2 00    |
| 787                 | do 4...              | Anthony Dimock Giffin.    | Master, fore and aft,<br>coasting.   | Shelburne, N.S. ....     | Halifax .....                 | 4 00    |
| 788                 | do 4...              | James McLeod.....         | do ..  | Diligent River, N.S      | Parrsboro' .....              | 4 00    |
| 789                 | do 4...              | Benjamin Ham.....         | do ..  | Mahone Bay, N.S.         | Lunenburg .....               | 4 00    |
| 790                 | do 4...              | Osborn S. Hiltz.....      | do ..  | Chester, N.S.....        | do .....                      | 4 00    |
| 791                 | do 4...              | James Alfred Moser.....   | do ..  | Mahone Bay, N.S.         | do .....                      | 4 00    |
| 792                 | do 3...              | Samuel Crangle .....      | Master, str. and fore<br>and aft, inland<br>waters.                            | Toronto, Ont.....        | Toronto .....                 | 4 00    |
| 793                 | do 3...              | Sandford Davis.....       | Master, str., minor<br>in'and, and steam<br>tug, in'nd waters                  | Collingwood, Ont.        | Collingwood..                 | 4 00    |
| 794                 | do 4...              | John Anderson .....       | Master, str., minor<br>inland waters   | do ..                    | do ..                         | 4 00    |
| 795                 | do 4...              | Frank Burke.....          | Master, str., inland<br>waters.  | Victoria Harbor....      | do ..                         | 4 00    |
| 796                 | do 4...              | Peter Lane Campbell ...   | do ..  | Collingwood, Ont.        | do ..                         | 4 00    |
| 797                 | do 4...              | John McBride.....         | do ..  | Port Dalhousie .....     | do ..                         | 4 00    |
| 798                 | do 4...              | Alex. Campbell Cameron    | do ..  | Collingwood, Ont.        | do ..                         | 4 00    |
| 799                 | do 4...              | Thos. Hill .....          | do ..  | do ..                    | do ..                         | 4 00    |
| 800                 | do 4...              | Alex. Birnie .....        | do ..  | do ..                    | do ..                         | 4 00    |
| 801                 | do 4...              | Robt. Hislop Gilbertson.. | do ..  | Port Dalhousie.....      | do ..                         | 4 00    |



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| No. of Certificate. | Date of Certificate. | Name.                      | Grade.  | Address.            | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|----------------------------|---|---------------------|-------------------------------|---------|
|                     | 1884.                |                            |   |                     |                               | \$ cts. |
| 802                 | April 4...           | Malcolm C. Cameron ....    | Mate, steamer, inland waters.   | Collingwood, Ont.   | Collingwood...                | 2 00    |
| 803                 | do 4...              | Wm. Nesbitt Storey.....    | Master, steamer, inland waters.                                       | do ...              | do ...                        | 4 00    |
| 804                 | do 4...              | Wm. John McQuade.....      | Mate, steamer, inland waters.   | do ...              | do ...                        | 2 00    |
| 805                 | do 4...              | Edward Martin .....        | do ..   | do ...              | do ...                        | 2 00    |
| 806                 | do 4...              | Alfred Burritt .....       | Master, str., minor inland waters.                                    | Parry Sound.....    | do ...                        | 4 00    |
| 807                 | do 4...              | Thos. Foster Thornton...   | do ...  | Hamilton, Ont.....  | do ...                        | 4 00    |
| 808                 | do 4...              | Donald McFadyen .....      | Mate, steamer, inland waters.   | Lindsay .....       | do ...                        | 2 00    |
| 809                 | do 4...              | Chas. W. Vanderburgh...    | Master, str., minor inland waters.                                    | Port Carling .....  | do ...                        | 4 00    |
| 810                 | do 4...              | Albert Andrew Richmond     | Master, str., minor inland waters, and tug str., great inland waters. | Parry Harbor.....   | do ...                        | 4 00    |
| 811                 | do 4...              | Harper Walker .....        | Master, str., minor inland waters.                                    | Walker's Point ...  | do ...                        | 4 00    |
| 812                 | do 4...              | James McNabb.....          | do ...  | Collingwood, Ont.   | do ...                        | 4 00    |
| 813                 | do 4...              | Wm. Alex. Clark.....       | do ..   | do ...              | do ...                        | 4 00    |
| 814                 | do 4...              | Robt. James Watson.....    | do ...  | Bracebridge .....   | do ...                        | 4 00    |
| 815                 | do 4...              | Joseph C. Huckins.....     | do ...  | Baysville, Ont..... | do ...                        | 4 00    |
| 816                 | do 4...              | Alex. Cameron .....        | Master, steamer, inland waters.                                       | Lancaster, Ont....  | Montreal .....                | 4 00    |
| 817                 | do 4...              | Wm. Davidson.....          | Master, str., minor inland waters.                                    | Como, Que.....      | do .....                      | 4 00    |
| 818                 | do 4...              | Jean Baptiste Primeau...   | Mate, steamer, inland waters.   | Beauharnois, Que..  | do .....                      | 2 00    |
| 819                 | do 4...              | Joseph Chantal.....        | Mate, str., minor inland waters.                                      | St. Anne, Que ..... | do .....                      | 2 00    |
| 820                 | do 4...              | Zotique Cadieux .....      | Master, str., minor inland waters.                                    | Lachine, Que.....   | do .....                      | 4 00    |
| 821                 | do 4...              | France Pilon, jun.....     | do ...  | St. Anne, Que.....  | do .....                      | 4 00    |
| 822                 | do 4...              | Alphonse Blondin.....      | do ...  | Lachine, Que.....   | do .....                      | 4 00    |
| 823                 | do 4...              | Alex. McLaren .....        | do ...  | Clarence, Ont ..... | do .....                      | 4 00    |
| 824                 | do 4...              | Treffle Fist .....         | do ...  | Montreal .....      | do .....                      | 4 00    |
| 825                 | do 4...              | John Gray .....            | do ...  | Sudson, Que .....   | do .....                      | 4 00    |
| 826                 | do 4...              | Severt Robillard .....     | Mate, str., minor inland waters.                                      | Montreal, Que.....  | do .....                      | 2 00    |
| 827                 | do 4...              | Jean Baptiste Labelle..... | Master, str., minor inland waters.                                    | do .....            | do .....                      | 4 00    |
| 828                 | do 4...              | Joseph Lauzon .....        | do ...  | Ste. Anne, Que. ... | do .....                      | 4 00    |

List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                      | Address.                           | Address.                    | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|----------------------------|------------------------------------|-----------------------------|-------------------------------|---------|
|                     | 1884.                |                            |                                    |                             |                               | \$ cts. |
| 829                 | April 4...           | Ferdinand Pilon .....      | Master, str., minor inland waters. | Ste. Anne de Bellevue, Que. | Montreal.....                 | 4 00    |
| 830                 | do 4...              | Jos. Antoine Blanchard..   | do .....                           | Montreal, Que.....          | do .....                      | 4 00    |
| 831                 | do 4...              | Benjamin St. Denis .....   | do .....                           | Ste. Anne, Que. ...         | do .....                      | 4 00    |
| 832                 | do 4...              | Evariste Laforce....       | do .....                           | Boucherville, Que.          | do .....                      | 4 00    |
| 833                 | do 4...              | Hypolite Caien dit Potvin. | Mate, str., minor inland waters.   | Longueuil, Que. ...         | do .....                      | 2 00    |
| 834                 | do 4...              | Michel Lefebvre .....      | Master, str., minor inland waters. | Pointe Claire, Que.         | do .....                      | 4 00    |
| 835                 | do 4...              | Louis Labonte.....         | do .....                           | Montreal, Que .....         | do .....                      | 4 00    |
| 836                 | do 4...              | Owen Ernest Owens. ....    | do .....                           | Stonefield, Que.....        | do .....                      | 4 00    |
| 837                 | do 4...              | Belonie Lalonde .....      | Mate, str., minor inland waters.   | Montreal, Que.....          | do .....                      | 2 00    |
| 838                 | do 4...              | Zénon Lafrance, jun.....   | Mate, str., inland waters.         | Cedars, Que.....            | do .....                      | 2 00    |
| 839                 | do 4...              | Louis Hilarion Roy .....   | Master, str., minor inland waters. | Montreal, Que.....          | do .....                      | 4 00    |
| 840                 | do 4...              | Robert Nelson .....        | do .....                           | Sorel, Que. ....            | do .....                      | 4 00    |
| 841                 | do 4...              | James Lefebvre .....       | Mate, str., inland waters.         | Montreal, Que.....          | do .....                      | 2 00    |
| 842                 | do 4...              | Theodule Lepine.....       | Master, str., minor inland waters. | Pointe Claire, Que          | do .....                      | 4 00    |
| 843                 | do 4...              | Wm. Frank Halcro.....      | do .....                           | Hudson, Que.....            | do .....                      | 4 00    |
| 844                 | do 4...              | Robt. Dowling Smith....    | Master, str., inland waters.       | Montreal, Que .....         | do .....                      | 4 00    |
| 845                 | do 4...              | Evangaliste Gauthier. .... | Mate, str., minor inland waters.   | Vaudreuil, Que. ...         | do .....                      | 2 00    |
| 846                 | do 4...              | Hermidas Rabeau.....       | do .....                           | Lachine, Que.....           | do .....                      | 2 00    |
| 847                 | do 4...              | France Pilon .....         | Master, str., minor inland waters. | Ste. Anne, Que ...          | do .....                      | 4 00    |
| 848                 | do 4...              | François Xavier Brasseur   | do .....                           | Isle Perrot, Que....        | do .....                      | 4 00    |
| 849                 | do 4...              | Lucien Maltt .....         | Mate, str., minor inland waters.   | Montreal, Que .....         | do .....                      | 2 00    |
| 850                 | do 4...              | Napoleon Mallette.....     | Master, str., minor inland waters. | Ste. Marthe, Que...         | do .....                      | 4 00    |
| 851                 | do 4...              | Wm. Duncan .....           | do .....                           | Montreal, Que.....          | do .....                      | 4 00    |
| 852                 | do 4...              | Napoleon Poitras .....     | do .....                           | Carillon, Que.....          | do .....                      | 4 00    |
| 853                 | do 4...              | Thos. Johnston .....       | Master, str., inland waters.       | St. Henri, Que.....         | do .....                      | 4 00    |
| 854                 | do 5...              | Adolphe Dubord .....       | Master, str., minor inland waters. | Montreal, Que .....         | do .....                      | 4 00    |
| 855                 | do 4...              | Felix Salois .....         | do .....                           | Sorel, Que.....             | do .....                      | 4 00    |
| 856                 | do 4...              | Moise Francoeur.....       | Master, str., inland waters.       | .....                       | .....                         | 4 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.  | Address.              | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|---|-----------------------|-------------------------------|---------|
|                     | 1884.                |                          |   |                       |                               | \$ cts. |
| 857                 | April 4...           | Remi Godin .....         | Master, str., minor inland waters.                                  | Sorel, Que .....      | Montreal .....                | 4 00    |
| 858                 | do 5...              | Samuel Filgate .....     | do .....  | Montreal, Que .....   | do .....                      | 4 00    |
| 859                 | do 5...              | John McGrath.....        | Mate, str., inland waters.  | Dorval, Que .....     | do .....                      | 2 00    |
| 860                 | do 5...              | Pierre Sylvain.....      | Master, str., inland waters.  | Montreal, Que .....   | do .....                      | 4 00    |
| 861                 | do 5...              | Henry Wm. Shepherd ..... | .....   | do .....              | do .....                      | 4 00    |
| 862                 | do 5...              | Jos. Larivière .....     | Master, str., minor inland waters.                                  | St Ann's.....         | do .....                      | 4 00    |
| 863                 | do 5...              | Jas. Park, jun .....     | do .....  | Hudson, Que.....      | do .....                      | 4 00    |
| 864                 | do 5...              | Octave Roussin .....     | Mate, str., minor inland waters.                                    | Oka, Que.....         | do .....                      | 2 00    |
| 865                 | do 5...              | Peter McGowan .....      | Master, str., minor inland waters.                                  | Como, Que .....       | do .....                      | 4 00    |
| 866                 | do 5...              | James Stewart.....       | do .....  | Beauharnois, Que.     | do .....                      | 4 00    |
| 867                 | do 5...              | Napoleon Vallee.....     | do .....  | Rigaud, Que.....      | do .....                      | 4 00    |
| 868                 | do 5...              | Louis Fortin.....        | do .....  | Montreal, Que .....   | do .....                      | 4 00    |
| 869                 | do 4...              | Remi Lepine .....        | do .....  | Point Claire, Que.    | do .....                      | 4 00    |
| 870                 | do 5...              | Benoit Rabeau ....       | do .....  | Plantagenet, Ont..    | do .....                      | 4 00    |
| 871                 | do 5...              | Charles Bourdoys .....   | do .....  | Longueuil, Que....    | do .....                      | 4 00    |
| 872                 | do 5...              | Edmond Robinault.....    | do .....  | Valleyfield, Que ..   | Beauharnois...                | 4 00    |
| 873                 | do 5...              | Olivier Patenaude .....  | Mate, str., inland waters.  | Melocheville, Que.    | do .....                      | 2 00    |
| 874                 | do 5...              | Clovis Daigneault.....   | do .....  | do .....              | do .....                      | 2 00    |
| 875                 | do 5...              | David Lalonde.....       | Mate, str., minor inland waters.                                    | Beauharnois, Que..    | do .....                      | 2 00    |
| 876                 | do 5...              | Narcisse Lafrance .....  | Mate, str., inland waters.  | St Timothy, Que..     | do .....                      | 2 00    |
| 877                 | do 5...              | Wm. Patenaude .....      | do .....  | Beauharnois, Que .    | do .....                      | 2 00    |
| 878                 | do 5...              | Hans Peter Lawson.....   | Master, str., minor inland waters.                                  | Severn Bridge .....   | Collingwood .                 | 4 00    |
| 879                 | do 5...              | Wm. Robinson.....        | do .....  | Penetanguishene, Ont. | do .....                      | 4 00    |
| 880                 | do 5...              | Wm. O'Donnell.....       | Master, str., minor inland waters, and fore and aft, inland waters. | do .....              | do .....                      | 4 00    |
| 881                 | do 5...              | Barnard Wm. Morgan....   | Master, fore and aft, inland waters.                                | do .....              | do .....                      | 4 00    |
| 882                 | do 5...              | Alex. Birnie .....       | do .....  | Collingwood, Ont.     | do .....                      | 4 00    |
| 883                 | do 5...              | George Henry Playter...  | Mate, str., inland waters.  | do .....              | do .....                      | 2 00    |

## LIST of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                      | Grade.                             | Address.             | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|----------------------------|------------------------------------|----------------------|-------------------------------|---------|
|                     |                      |                            |                                    |                      |                               | \$ cts. |
| 884                 | April 5...           | Jno. Joseph Kyle.....      | Mate, str., minor inland waters.   | Orilla, Ont.....     | Collingwood..                 | 2 00    |
| 885                 | do 5...              | Alex. Brown.....           | Mate, str., inland waters.         | Collingwood, Ont.    | do ...                        | 2 00    |
| 886                 | do 5...              | Jas. Silversides.....      | Mate, fore and aft, inland waters. | Collingwood, Ont.    | do ...                        | 2 00    |
| 887                 | do 5...              | David Burk.....            | Master, str., minor inland waters. | Maitland, Ont.....   | do ...                        | 4 00    |
| 888                 | do 5...              | Benj. Williamson.....      | Mate, fore and aft, inland waters. | Collingwood, Ont.    | do ...                        | 2 00    |
| 889                 | do 5...              | James Talbot Fagan.....    | do ...                             | do ...               | do ...                        | 2 00    |
| 890                 | do 5...              | John Wharry.....           | do ...                             | Port Dover, Ont....  | do ...                        | 2 00    |
| 891                 | do 5...              | Aтчason Kerr.....          | Master, str., minor inland waters. | Orillia, Ont.....    | do ...                        | 4 00    |
| 892                 | do 5...              | R. Armstrong Elliott.....  | do ...                             | Portland, N.B.....   | St. John.....                 | 4 00    |
| 893                 | do 5...              | John Nairn.....            | do ...                             | Pictou Landing, N.S. | Halifax.....                  | 4 00    |
| 894                 | do 5...              | Simon Jos. Chandler.....   | Master, fore and aft, coasting.    | Liverpool, N.S.....  | Liverpool.....                | 4 00    |
| 895                 | do 5...              | Geo. Peach Smith.....      | do ...                             | do .....             | do .....                      | 4 00    |
| 896                 | do 5...              | Robt. Smith.....           | do ...                             | Hantsport, N.S....   | do .....                      | 4 00    |
| 897                 | do 5...              | Edward Jas. Ross.....      | Master, str., minor inland waters. | Rothesay, N.S.....   | St. John.....                 | 4 00    |
| 898                 | do 5...              | Patrick Gallagher.....     | do ...                             | Portland, N.B.....   | do .....                      | 4 00    |
| 899                 | do 5...              | Henry Steves French.....   | do ...                             | do .....             | do .....                      | 4 00    |
| 900                 | do 5...              | Zacharie D'Eon.....        | Master, fore and aft, coasting.    | Pubnico, N.S.....    | Yarmouth.....                 | 4 00    |
| 901                 | do 5...              | Mark Abel Surette.....     | do ...                             | do .....             | do .....                      | 4 00    |
| 902                 | do 5...              | Edwin Clemento.....        | Master, str., coasting.            | Yarmouth, N.S....    | St. John.....                 | 4 00    |
| 903                 | do 5...              | Blair Giles Carter.....    | Master, fore and aft, coasting.    | Maccan, N.S.....     | do .....                      | 2 00    |
| 904                 | do 5...              | Elias Albert Milberry..... | do ...                             | St. Martins, N.B.... | do .....                      | 4 00    |
| 905                 | do 5...              | Solomon Robt. Weldon...    | do ...                             | Portland, N.B.....   | do .....                      | 4 00    |
| 906                 | do 5...              | David Bostwick.....        | do ...                             | Wickham, N.B.....    | do .....                      | 4 00    |
| 907                 | do 5...              | George H. Perry.....       | do ...                             | Johnston, N.B.....   | do .....                      | 4 00    |
| 908                 | do 5...              | Alfred Ells.....           | do ...                             | St Martins, N.B..    | do .....                      | 4 00    |
| 909                 | do 5...              | Jas. Mitchell Lowe.....    | do ...                             | River Hebert, N.S.   | do .....                      | 4 00    |
| 910                 | do 5...              | Jas. Edward Howard.....    | do ...                             | St. John, N.B.....   | do .....                      | 4 00    |
| 911                 | do 5...              | D. Manchester Pidgeon...   | Master, str., minor inland waters. | Carleton, N.B.....   | do .....                      | 4 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.   | Address.             | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|--|----------------------|-------------------------------|---------|
| 912                 | April 5...           | E. Ambrose Dunphy.....   | Master, fore and aft, coasting.                        | Liverpool, N.S.....  | Liverpool.....                | \$ 4 00 |
| 913                 | do 5...              | Adolph Frank Wouters...  | Mate, str., coasting                                   | Victoria, B.C.....   | Victoria.....                 | 2 00    |
| 914                 | do 5...              | Colin Clunes .....       | Master, str., coasting.                                | do .....             | do .....                      | 4 00    |
| 915                 | do 5...              | Niels Moos.....          | do .....   | do .....             | do .....                      | 4 00    |
| 916                 | do 5...              | George W. Cavin.....     | Master, str., coasting.                                | Victoria, B.C.....   | Victoria.....                 | 4 00    |
| 917                 | do 5...              | Wm. Owen.....            | Mate, str., coasting                                   | do .....             | do .....                      | 2 00    |
| 918                 | do 5...              | Wm. Ettershank.....      | Master, str., coasting.                                | James' Bay, B.C...   | do .....                      | 4 00    |
| 919                 | do 5...              | David Knock.....         | Master, square rig, coasting.                          | Lunenburg, N.S...    | Lunenburg....                 | 4 00    |
| 920                 | do 5...              | Anthony Heckman.....     | Master, fore and aft, coasting.                        | LaHave, N.S.,.....   | do .....                      | 4 00    |
| 921                 | do 5...              | Peter Heisler.....       | do .....   | Lunenburg, N.S....   | do .....                      | 4 00    |
| 922                 | do 7...              | Finlay McPherson.....    | Master, steamer, inland waters.                        | Goderich, Ont.....   | Goderich.....                 | 4 00    |
| 923                 | do 7...              | Thos. Nathaniel Dancy.   | Master, steamer, and also fore and aft, inland waters. | do .....             | do .....                      | 4 00    |
| 924                 | do 7...              | Alex. Murray MacGregor   | do .....   | do .....             | do .....                      | 4 00    |
| 925                 | do 7...              | John Thorburn.....       | do .....   | Kincardine, Ont...   | do .....                      | 4 00    |
| 926                 | do 7...              | John McPherson.....      | do .....   | Lucknow .....        | do .....                      | 4 00    |
| 927                 | do 7...              | John McCarthur.....      | do .....   | Goderich, Ont.....   | do .....                      | 4 00    |
| 928                 | do 7...              | Andrew Bogie.....        | do .....   | do .....             | do .....                      | 4 00    |
| 929                 | do 7...              | John McNeil.....         | Mate, steamer, inland waters.                          | do .....             | do .....                      | 2 00    |
| 930                 | do 7...              | Marcellin Robinault..... | Master, str., minor inland waters.                     | Valleyfield, Que...  | Beauharnois, Que.             | 4 00    |
| 931                 | do 7...              | Antoine Monpetit.....    | Mate, steamer, inland waters.                          | Beauharnois, Que..   | do .....                      | 2 00    |
| 932                 | do 7...              | Joseph Lafrance.....     | Mate, str., minor inland waters.                       | St. Timothy, Que..   | do .....                      | 2 00    |
| 933                 | do 7...              | Roger Boyer.....         | Master, str., minor inland waters.                     | Valleyfield, Que...  | do .....                      | 4 00    |
| 934                 | do 7...              | Fred. Monarque, jun..... | Mate, str., minor, inland waters.                      | Melocheville, Que.   | do .....                      | 2 00    |
| 935                 | do 7...              | Frank Patenaude.....     | Mate, steamer, inland waters.                          | do .....             | do .....                      | 2 00    |
| 936                 | do 7...              | Peter Legault.....       | do .....   | Isle Perrot, Que.... | do .....                      | 2 00    |
| 937                 | do 7...              | Felix Robinault.....     | Master, str., minor inland waters.                     | Melocheville, Que.   | do .....                      | 4 00    |
| 938                 | do 7...              | Wm. Daoust.....          | Mate, steamer, inland waters.                          | do .....             | do .....                      | 2 00    |
| 939                 | do 7...              | Alex. Cole.....          | Master, fore and aft, coasting.                        | Dorchester, N.B....  | St. John.....                 | 4 00    |
| 940                 | do 7...              | Albert Jas. Foster.....  | do .....   | Alma, N.B.....       | do .....                      | 4 00    |

## LIST of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No of Certificate. | Date of Certificate. | Name.                    | Grade.                                 | Address.            | Where Examination was Passed. | Fee.    |
|--------------------|----------------------|--------------------------|--|---------------------|-------------------------------|---------|
|                    | 1883.                |                          |  |                     |                               | \$ cts. |
| 941                | April 7...           | James Robt. Granville... | Master, fore and aft, coasting.        | Portland, N.B.....  | St John .....                 | 4 00    |
| 942                | do 7...              | Robt. Harry McLean.....  | do ...                                 | St. Martins, N.B... | do .....                      | 4 00    |
| 943                | do 7...              | Eyln Norris.....         | do ...                                 | do ...              | do .....                      | 4 00    |
| 944                | do 7...              | Lawrence Jno. Melonson   | do ...                                 | Joggins Mines, N.S  | do .....                      | 4 00    |
| 945                | do 7...              | Dixon Oulton.....        | Master, str., minor inland waters.     | Chatham, N.B.....   | do .....                      | 4 00    |
| 946                | do 7...              | James E. Estabrooks..... | do ...                                 | St. John, N.B.....  | do .....                      | 4 00    |
| 947                | do 7...              | Daniel F. Taply.....     | do ...                                 | Portland, N.B.....  | do .....                      | 4 00    |
| 948                | do 7...              | James Wilson Smythe...   | Mate, fore and aft, coasting.          | Parrsboro', N.S.... | Parrsboro' .....              | 2 00    |
| 949                | do 7...              | Eugene Edw. Jenks.....   | do ...                                 | do ...              | do .....                      | 2 00    |
| 950                | do 7...              | Jno. Joseph Pearson..... | Mate, str., inland...                  | Owen Sound, Ont.    | Owen Sound...                 | 2 00    |
| 951                | do 7...              | John Sidley.....         | Master, str., inland.                  | do ...              | do ...                        | 4 00    |
| 952                | do 7...              | Alexander Peters.....    | Master, str., inland.                  | Windsor, Ont.....   | do ...                        | 4 00    |
| 953                | do 7...              | Peter McNab.....         | do ...                                 | Owen Sound, Ont.    | do ...                        | 4 00    |
| 954                | do 7...              | Wm. Tate Robertson.....  | do ...                                 | do ...              | do ...                        | 4 00    |
| 955                | do 7...              | John McNab.....          | do ...                                 | do ...              | do ...                        | 4 00    |
| 956                | do 7...              | John Simpson.....        | Master, fore and aft and str., inland. | do ...              | do ...                        | 4 00    |
| 957                | do 7...              | Alex. J. Cameron.....    | do ...                                 | do ...              | do ...                        | 4 00    |
| 958                | do 7...              | Edwin Dunn.....          | do ...                                 | do ...              | do ...                        | 4 00    |
| 959                | do 7...              | Angus Macaulay.....      | do ...                                 | Southampton, Ont.   | do ...                        | 4 00    |
| 960                | do 7...              | Jno. Chas. McLeod.....   | do ...                                 | do ...              | do ...                        | 4 00    |
| 961                | do 7...              | Simon Andrew Johnston.   | Mate, str., inland...                  | Owen Sound, Ont.    | do ...                        | 2 00    |
| 962                | do 7...              | Chas. Odlum Hill.....    | do ...                                 | do ...              | do ...                        | 2 00    |
| 963                | do 7...              | Harry James Spence.....  | Master, fore and aft, inland.          | Southampton, Ont    | do ...                        | 4 00    |
| 964                | do 7...              | Jas. Anthony Murphy...   | Mate, fore and aft, inland.            | Owen Sound, Ont     | do ...                        | 2 00    |
| 965                | do 7...              | Chas. Hawkins.....       | do ...                                 | do ...              | do ...                        | 2 00    |
| 966                | do 7...              | Hugh Urquhart.....       | do ...                                 | do ...              | do ...                        | 2 00    |
| 967                | do 7...              | Daniel McVicker.....     | do ...                                 | do ...              | do ...                        | 2 00    |
| 968                | do 7...              | W. H. Featherstonhaugh.  | Master, str., minor inland.            | Midland, Ont. ...   | do ...                        | 4 00    |
| 969                | do 7...              | Wm. Arnott.....          | do ...                                 | Port Colborne, Ont  | do ...                        | 4 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.   | Address.            | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|--|---------------------|-------------------------------|---------|
|                     | 1884.                |                          |  |                     |                               | \$ cts. |
| 970                 | April 7...           | James Andrew.....        | Master, fore and aft, inland   | Owen Sound, Ont.    | Owen Sound...                 | 4 00    |
| 971                 | do 7...              | John Harold Spence.....  | do ...   | Southampton, Ont.   | do ...                        | 4 00    |
| 972                 | do 7...              | George McDougall.....    | Master, str., inland.  | Owen Sound, Ont.    | do ...                        | 4 00    |
| 973                 | do 7...              | Timothy Crowley.....     | Master, fore and aft, inland.  | do ...              | do ...                        | 4 00    |
| 974                 | do 7...              | Jas. Ferguson Foote..... | Master, str., inland   | do ...              | do ...                        | 4 00    |
| 975                 | do 7...              | George W. Simpson. ....  | do ...   | do ...              | do ...                        | 4 00    |
| 976                 | do 9...              | William Chas. Wheeler..  | Mate, fore and aft, inland waters ; also mate, ferry str. "River St. Lawrence."  | Gananoque, Ont ...  | Ottawa ... ..                 | 2 00    |
| 977                 | do 10...             | John Cadarette.....      | Master, fore and aft, inland waters ; and also to take command of stn. barge "La Belle" between Chatham and Amherstb'rg. | Belle River, Ont... | Windsor .....                 | 4 00    |
| 978                 | do 8...              | Sanford Lamb.....        | Master, fore and aft, coasting.  | Diligent River, N.S | Parrsboro'.....               | 4 00    |
| 979                 | do 8...              | Dudley Perley Walls..... | Master, str., minor inland waters  | Chatham, N.B. ....  | St. John.....                 | 4 00    |
| 980                 | do 8...              | Robert McLean .....      | do ...   | Escuminac, N.B....  | do .....                      | 4 00    |
| 981                 | do 8 ..              | John Edgett.....         | Master, fore and aft, coasting.  | Hillsboro', N.B.... | do .....                      | 4 00    |
| 982                 | do 8...              | Alfred Balser.....       | do ...   | do ...              | do .....                      | 4 00    |
| 983                 | do 8...              | Samuel Weston.....       | Master, str., minor inland waters.   | St. John, N.B.....  | do .....                      | 4 00    |
| 984                 | do 8 ..              | Simon A. Wilband.....    | Mate, fore and aft, coasting.  | Hopewell Cape, N.B. | do .....                      | 2 00    |
| 985                 | do 8...              | Finley McPherson. ....   | Master, fore and aft, inland waters.   | Goderich, Ont.....  | Goderich .....                | 4 00    |
| 986                 | do 8...              | Thomas Petrie.....       | do ...   | do .....            | do .....                      | 4 00    |
| 987                 | do 8...              | James Baxter.....        | do ...   | do .....            | do .....                      | 4 00    |
| 988                 | do 8...              | James Bogie.....         | do ...   | do .....            | do .....                      | 4 00    |
| 989                 | do 8...              | Wm. S. McKay.....        | do ...   | do .....            | do .....                      | 4 00    |
| 990                 | do 8...              | John McPherson .....     | do ...   | Lucknow, Ont ....   | do .....                      | 4 00    |
| 991                 | do 12...             | James G. Smyth.....      | do ...   | Kingston, Ont.....  | Kingston.....                 | 4 00    |
| 992                 | do 8...              | Henry Marlton.....       | do ...   | Goderich, Ont.....  | Goderich.....                 | 4 00    |
| 993                 | do 8...              | William McLean.....      | do ...   | do .....            | do .....                      | 4 00    |
| 994                 | do 8...              | William McKenzie .....   | do ...   | Kincardine, Ont ... | do .....                      | 4 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                  | Grade.                                  | Address.            | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|------------------------|---|---------------------|-------------------------------|---------|
|                     |                      |                        |   |                     |                               | \$ cts. |
| 995                 | April 8              | James W. Green .....   | Master, fore and aft,<br>inland waters. | Goderich, Ont.....  | Goderich.....                 | 4 00    |
| 996                 | do 8                 | Norman McDonald.....   | do ...                                  | do .....            | do .....                      | 4 00    |
| 997                 | do 8                 | John McDonald.....     | do ...                                  | do .....            | do .....                      | 4 00    |
| 998                 | do 8                 | William Robinson ..... | do ...                                  | do .....            | do .....                      | 4 00    |
| 999                 | do 8                 | Andrew Bogie .....     | do ...                                  | do .....            | do .....                      | 4 00    |
| 1000                | do 8                 | Murdoch McDonald.....  | do ...                                  | do .....            | do .....                      | 4 00    |
| 1001                | do 8                 | James Johnston .....   | do ...                                  | do .....            | do .....                      | 4 00    |
| 1002                | do 8                 | Alfred Chambers .....  | Master, str., minor<br>inland waters.   | do .....            | do .....                      | 4 00    |
| 1003                | do 8                 | John McKay.....        | do ...                                  | do .....            | do .....                      | 4 00    |
| 1004                | do 8                 | William Craig .....    | do ...                                  | do .....            | do .....                      | 4 00    |
| 1005                | do 8                 | John McSween.....      | do ...                                  | do .....            | do .....                      | 4 00    |
| 1006                | do 8                 | Francis Franch .....   | Master, str., inland<br>waters.         | Goderich, Ont.....  | do .....                      | 4 00    |
| 1007                | do 8                 | James G. Parsons.....  | do ...                                  | do .....            | do .....                      | 4 00    |
| 1008                | do 8                 | Alex. Allen.....       | Mate, str., inland<br>waters.           | Wallaceburg, Ont.   | Windsor.....                  | 2 00    |
| 1009                | do 8                 | Thos. F. Hayes .....   | do ...                                  | Amherstburg, Ont.   | do .....                      | 2 00    |
| 1010                | do 8                 | Fredk D. Forrest.....  | do ...                                  | Sandwich, Ont....   | do .....                      | 2 00    |
| 1011                | do 8                 | Thomas Hagen.....      | Mate, str., minor<br>inland waters.     | Bell River, Ont.... | do .....                      | 2 00    |
| 1012                | do 8                 | John Rourke.....       | do ...                                  | Chatham, Ont.....   | do .....                      | 2 00    |
| 1013                | do 8                 | Jas. Manning.....      | do ...                                  | Windsor, Ont.....   | do .....                      | 2 00    |
| 1014                | do 8                 | Wm. Aikin.....         | do ...                                  | Dresden, Ont.....   | do .....                      | 2 00    |
| 1015                | do 8                 | Albert Curtis.....     | do ...                                  | Windsor, Ont.....   | do .....                      | 2 00    |
| 1016                | do 8                 | Wm. King.....          | do ...                                  | Amherstburg, Ont.   | do .....                      | 2 00    |
| 1017                | do 8                 | Michl. Cassidy .....   | do ...                                  | Windsor, Ont.....   | do .....                      | 2 00    |
| 1018                | do 8                 | John Foster .....      | do ...                                  | do .....            | do .....                      | 2 00    |
| 1019                | do 8                 | Robt. Felan.....       | Master, str., inland<br>waters.         | do .....            | do .....                      | 4 00    |
| 1020                | do 8                 | John M. Johnston.....  | do ...                                  | do .....            | do .....                      | 4 00    |
| 1021                | do 8                 | Wm. Allen .....        | do ...                                  | Walkerville, Ont..  | do .....                      | 4 00    |
| 1022                | do 8                 | Chas. H. Jenking.....  | do ...                                  | do .....            | do .....                      | 4 00    |
| 1023                | do 8                 | James R. Innis.....    | do ...                                  | Windsor, Ont.....   | do .....                      | 4 00    |



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| No. of Certificate. | Date of Certificate. | Name.                     | Grade.  | Address.            | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|---|---------------------|-------------------------------|---------|
|                     | 1884.                |                           |   |                     |                               | \$ cts. |
| 1024                | April 8...           | Jno. Cornelius Burns..... | Master, str., inland waters.  | Amherstburg, Ont.   | Windsor.....                  | 4 00    |
| 1025                | do 8...              | Jas. Bond Forrest.....    | do .....  | Windsor, Ont.....   | do .....                      | 4 00    |
| 1026                | do 8...              | Thos. McGowan.....        | do .....  | Amherstburg, Ont.   | do .....                      | 4 00    |
| 1027                | do 9...              | James Dix.....            | Master, fore and aft and str., inland waters.                             | Garden Island, Ont. | Kingston .....                | 4 00    |
| 1028                | do 9...              | Alex. Milligan.....       | do .....  | Kingston, Ont.....  | do .....                      | 4 00    |
| 1029                | do 9...              | James Hanley.....         | Master, str., inland waters.  | do .....            | do .....                      | 4 00    |
| 1030                | do 9...              | John Weston .....         | Master, str., minor inland waters.  | Windsor, Ont.....   | Windsor.....                  | 4 00    |
| 1031                | do 9...              | John Edward Tobin.....    | do .....  | do .....            | do .....                      | 4 00    |
| 1032                | do 9...              | David Flook.....          | do .....  | Chatham, Ont.....   | do .....                      | 4 00    |
| 1033                | do 9...              | Wm. D. McRae .....        | do .....  | Wallaceburg, Ont.   | do .....                      | 4 00    |
| 1034                | do 9...              | Wm. S. McLean.....        | do .....  | do .....            | do .....                      | 4 00    |
| 1035                | do 9...              | Francis B. Hackett.....   | do .....  | Amherstburg, Ont.   | do .....                      | 4 00    |
| 1036                | do 9...              | James H. Glass .....      | Master, str., minor inland waters, and fore and aft, great inland waters. | Windsor, Ont.....   | do .....                      | 4 00    |
| 1037                | do 9...              | George D. Horn .....      | Master, str., minor inland waters.  | do .....            | do .....                      | 4 00    |
| 1038                | do 9...              | James Laframboise.....    | do .....  | Amherstburg, Ont.   | do .....                      | 4 00    |
| 1039                | do 9...              | Amiel Cometet .....       | do .....  | Chatham, Ont.....   | do .....                      | 4 00    |
| 1040                | do 9...              | Chester K. Glass.....     | Mate, fore and aft, inland waters.  | Windsor, Ont.....   | do .....                      | 2 00    |
| 1041                | do 9...              | Theophile Michaud .....   | do .....  | do .....            | do .....                      | 2 00    |
| 1042                | do 9...              | Wm. Allen .....           | do .....  | Garden Island, Ont. | do .....                      | 2 00    |
| 1043                | do 9...              | Chas. Tufford .....       | do .....  | Windsor, Ont.....   | do .....                      | 2 00    |
| 1044                | do 9...              | Peter Cassidy.....        | do .....  | do .....            | do .....                      | 2 00    |
| 1045                | do 9...              | Henry Mitchell .....      | Master, str., minor inland waters.  | do .....            | do .....                      | 4 00    |
| 1046                | do 9...              | Oliver Maisonville .....  | do .....  | Walkerville, Ont... | do .....                      | 4 00    |
| 1047                | do 9...              | James Carney .....        | do .....  | Windsor, Ont.....   | do .....                      | 4 00    |
| 1048                | do 9...              | Geo. Wm. Shaw .....       | do .....  | Chatham, Ont.....   | do .....                      | 4 00    |
| 1049                | do 9...              | Jno. Wilkinson.....       | do .....  | Windsor, Ont.....   | do .....                      | 4 00    |
| 1050                | do 9...              | John Barnett .....        | Mate, fore and aft, inland waters.  | do .....            | do .....                      | 2 00    |

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| No. of Certificate. | Date of Certificate. | Name.                      | Grade.                               | Address.              | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|----------------------------|--------------------------------------|-----------------------|-------------------------------|---------|
|                     | 1884.                |                            |                                      |                       |                               | \$ cts. |
| 1051                | April 9...           | Washington Walker.....     | Master, str., minor inland waters.   | Dresden, Ont. ....    | Windsor.....                  | 4 00    |
| 1052                | do 9...              | Wm. Forbes .....           | do ...                               | Windsor, Ont.....     | do .....                      | 4 00    |
| 1053                | do 9...              | Sylverter E. St. Amour...  | do ...                               | Chatham, Ont. ....    | do .....                      | 4 00    |
| 1054                | do 9...              | James Tobin.....           | do ...                               | Amherstburg, Ont.     | do .....                      | 4 00    |
| 1055                | do 9...              | James W. Taylor.....       | do ...                               | Chatham, Ont.....     | do .....                      | 4 00    |
| 1056                | do 10...             | Thomas Crawford.....       | Master, fore and aft, inland waters. | Wolf Island, Ont...   | Kingston.....                 | 4 00    |
| 1057                | do 9...              | Joseph Noble .....         | Mate, fore and aft, inland waters.   | Goderich, Ont.....    | Goderich .....                | 2 00    |
| 1058                | do 9...              | John S. Martin .....       | do ...                               | do .....              | do .....                      | 2 00    |
| 1059                | do 9...              | James Sutherland.....      | do ...                               | do .....              | do .....                      | 2 00    |
| 1060                | do 9...              | Norman McIver .....        | do ...                               | do .....              | do .....                      | 2 00    |
| 1061                | do 9...              | Angus McKay .....          | do ...                               | do .....              | do .....                      | 2 00    |
| 1062                | do 9...              | Murdoch Buchanan.....      | do ...                               | do .....              | do .....                      | 2 00    |
| 1063                | do 9...              | Wm. Baxter .....           | do ...                               | do .....              | do .....                      | 2 00    |
| 1064                | do 9...              | Thos. N. Dancey.....       | Master, fore and aft, inland waters. | do .....              | do .....                      | 4 00    |
| 1065                | do 10...             | John Morgan .....          | do ...                               | Penetanguishene, Ont. | Windsor .....                 | 4 00    |
| 1066                | do 10...             | Alex. Potter.....          | Master, str., minor inland waters.   | Kingston, Ont.....    | Kingston.....                 | 4 00    |
| 1067                | do 10...             | Timothy Hartnett.....      | Master, fore and aft, inland waters. | do .....              | do .....                      | 4 00    |
| 1068                | do 10...             | John Paul .....            | do ...                               | do .....              | do .....                      | 4 00    |
| 1069                | do 10...             | Alfred Eason .....         | do ...                               | do .....              | do .....                      | 4 00    |
| 1070                | do 12...             | Ed. Lonsen Bass.....       | Master, str., minor inland waters.   | Gananoque, Que...     | do .....                      | 4 00    |
| 1071                | do 10...             | Jas. Sylvester Phillips... | Master, fore and aft, inland waters. | Garden Island, Ont    | do .....                      | 4 00    |
| 1072                | do 10...             | Robt. Bartley.....         | do ...                               | Napanee, Ont .....    | do .....                      | 4 00    |
| 1073                | do 10...             | Wm. Thomas Lewis .....     | do ...                               | Kingston, Ont.....    | do .....                      | 4 00    |
| 1074                | do 10...             | Wm. McKee .....            | do ...                               | do .....              | do .....                      | 4 00    |
| 1075                | do 10...             | Scoller Lewis Spencer ...  | do ...                               | do .....              | do .....                      | 4 00    |
| 1076                | do 10...             | Dexter Eccles .....        | do ...                               | Wolfe Island, Ont3    | do .....                      | 4 00    |
| 1077                | do 10...             | Sam. Henry Phippen.....    | do ...                               | Belleville, Ont.....  | do .....                      | 4 00    |
| 1078                | do 10...             | Frederick Wilson.....      | do ...                               | Port Hope, Ont....    | do .....                      | 4 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No of Certificate. | Date of Certificate. | Name.                     | Grade.                                    | Address.                       | Where Examination was Passed. | Fee.    |
|--------------------|----------------------|---------------------------|---|--------------------------------|-------------------------------|---------|
|                    |                      |                           |   |                                |                               | \$ cts. |
| 1079               | April 10...          | Hiram Orlando Hitchcock   | Master, str., minor inland waters.        | Wolfe Island, Ont.             | Kingston.....                 | 4 00    |
| 1080               | do 10...             | Rodeny Yott .....         | Master, fore and aft, minor inl'd waters. | Belleville, Ont.....           | do .....                      | 4 00    |
| 1081               | do 10...             | Walter Lamb .....         | Master, fore and aft, inland waters.      | Kingston, Ont.....             | do .....                      | 4 00    |
| 1082               | do 10...             | James Miller.....         | do ...                                    | do .....                       | do .....                      | 4 00    |
| 1083               | do 10...             | James Cochran .....       | do ...                                    | do .....                       | do .....                      | 4 00    |
| 1084               | do 10...             | Jas. Alex. Kennedy .....  | do ...                                    | do .....                       | do .....                      | 4 00    |
| 1085               | do 11...             | Thos. Collins.....        | Mate, str., inland waters.                | do .....                       | do .....                      | 2 00    |
| 1086               | do 10...             | John McArthur.....        | Master, fore and aft, inland waters.      | do .....                       | do .....                      | 4 00    |
| 1087               | do 10...             | August Wm. Ellman.....    | do ...                                    | do .....                       | do .....                      | 4 00    |
| 1088               | do 10...             | John Marshall .....       | do ...                                    | do .....                       | do .....                      | 4 00    |
| 1089               | do 10...             | James Lofts .....         | do ..                                     | do .....                       | do .....                      | 4 00    |
| 1090               | do 10...             | John Irwin.....           | do ...                                    | do .....                       | do .....                      | 4 00    |
| 1091               | do 10...             | Ed. A. Booth, sen.....    | do ...                                    | do .....                       | do .....                      | 4 00    |
| 1092               | do 10...             | Joseph Dix, jun.....      | do ...                                    | do .....                       | do .....                      | 4 00    |
| 1093               | do 11...             | John Cornelius .....      | do ...                                    | do .....                       | do .....                      | 4 00    |
| 1094               | do 11...             | Michael Kennedy .....     | Mate, str., inland waters.                | do .....                       | do .....                      | 2 00    |
| 1095               | do 11...             | Theophilus F. Allen ..... | Master, fore and aft, inland waters.      | do .....                       | do .....                      | 4 00    |
| 1096               | do 11...             | John McCormick, sen....   | Master, fore and aft, inland waters.      | Kingston, Ont. ...             | do .....                      | 4 00    |
| 1097               | do 11...             | John Bulch.....           | Master, str., inland waters.              | do .....                       | do .....                      | 4 00    |
| 1098               | do 11...             | John Henry Scott.....     | do ...                                    | do .....                       | do .....                      | 4 00    |
| 1099               | do 11...             | Wm. George Batten.....    | Mate, str., inland waters.                | Barriefield, Ont....           | do .....                      | 2 00    |
| 1100               | do 11...             | George A. Brien .....     | Master, fore and aft, inland waters.      | Garden Island, Ont             | do .....                      | 4 00    |
| 1101               | do 11...             | Frank Clarke.....         | Master, str., inland waters.              | Dickinson's Land-<br>ing, Ont. | do .....                      | 4 00    |
| 1102               | do 11...             | George Crawford.....      | do ...                                    | Kingston, Ont.....             | do .....                      | 4 00    |
| 1103               | do 12...             | John Henderson.....       | Mate, str., inland waters.                | Beauharnois, Que..             | do .....                      | 2 00    |
| 1104               | do 11...             | Andrew Henry Miller ...   | Master, str., minor inland waters.        | Kingston, Ont.....             | do .....                      | 4 00    |
| 1105               | do 11...             | Wm. Givens.....           | Master, fore and aft, inland waters.      | do .....                       | do .....                      | 4 00    |
| 1106               | do 11...             | Michl. Wilkes Bailey.. .. | Master, str., inland waters.              | Coteau Landing,<br>Que.        | do .....                      | 4 00    |

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| No. of Certificate. | Date of Certificate. | Name.                     | Grade.  | Address.                  | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|---|---------------------------|-------------------------------|---------|
|                     | 1884.                |                           |   |                           |                               | \$ cts. |
| 1107                | April 11...          | Edward Beaupré.....       | Master, fore and aft,<br>inland waters.             | Kingston, Ont.....        | Kingston.....                 | 4 00    |
| 1108                | do 11...             | Abraham Haines Malone.    | Master, str. and fore<br>and aft, inland<br>waters. | Garden Island, Ont        | do .....                      | 4 00    |
| 1109                | do 11...             | Peter McGlade.....        | Master, str., minor<br>inland waters.               | Kingston, Ont.....        | do .....                      | 4 00    |
| 1110                | do 11...             | Jas. Augustus McKeever.   | Mate, str., inland<br>waters.                       | Prescott, Ont.....        | do .....                      | 2 00    |
| 1111                | do 12...             | Wm. Adolphus Couson...    | Master, fore and aft,<br>inland waters.             | Brighton, Ont.....        | Brighton.....                 | 4 00    |
| 1112                | do 12...             | Daniel Noonan.....        | Master, str., minor<br>inland waters.               | Elgin, Ont. ....          | Kingston.....                 | 4 00    |
| 1113                | do 12...             | James Martin .....        | do .....  | Kingston, Ont. ....       | do .....                      | 4 00    |
| 1114                | do 12...             | John Jellett .....        | do .....  | Belleville, Ont.....      | do .....                      | 4 00    |
| 1115                | do 12...             | Thomas Gaskin.....        | Master, str., inland<br>waters.                     | Kingston, Ont.....        | do .....                      | 4 00    |
| 1116                | do 12...             | Nathaniel Allen.....      | Master, fore and aft,<br>inland waters.             | Stella, Ont.....          | do .....                      | 4 00    |
| 1117                | do 15...             | Jno. A. McDonald .....    | Master, str., inland<br>waters.                     | Kingston, Ont.....        | do .....                      | 4 00    |
| 1118                | do 16...             | James Murray .....        | do .....  | do .....                  | do .....                      | 4 00    |
| 1119                | do 16...             | Jos. Murray.....          | do .....  | do .....                  | do .....                      | 4 00    |
| 1120                | do 18...             | Jeremiah De Coste.....    | Master, fore and aft,<br>coasting.                  | Harbor au Bouche,<br>N.S. | Pictou.....                   | 4 00    |
| 1121                | do 12...             | Alfred Eccles.....        | Master, fore and aft,<br>inland waters.             | Belleville, Ont.....      | Kingston. ....                | 4 00    |
| 1122                | do 15...             | Duncan McDonald .....     | do .....  | Wolfe Island, Ont.        | do .....                      | 4 00    |
| 1123                | do 15...             | Wm. Scott.....            | Master, str., minor<br>inland waters.               | Bedford Mills, Ont.       | do .....                      | 4 00    |
| 1124                | do 15...             | John Sughrue, sen.....    | do .....  | Darcy, Ont.....           | do .....                      | 4 00    |
| 1125                | do 15...             | Wm. Ada.....              | Master, str., inland<br>waters.                     | Kingston, Ont.....        | do .....                      | 4 00    |
| 1126                | do 15...             | John Sughrue, jun.....    | Master, str., minor<br>inland waters.               | do .....                  | do .....                      | 4 00    |
| 1127                | do 15...             | Stephen Tyo .....         | Master, fore and aft<br>and str., inland<br>waters. | do .....                  | do .....                      | 4 00    |
| 1128                | do 15...             | Chas. J. Martin.....      | Master, str, minor<br>inland waters.                | do .....                  | do .....                      | 4 00    |
| 1129                | do 15...             | John Y. Spowell. ....     | Mate, fore and aft,<br>inland waters.               | do .....                  | do .....                      | 2 00    |
| 1130                | do 15...             | John Bushell.....         | Mate, str., inland<br>waters.                       | do .....                  | do .....                      | 2 00    |
| 1131                | do 15...             | Anthony Larush.....       | Mate, fore and aft,<br>inland waters.               | Wolfe Island, Ont.        | do .....                      | 2 00    |
| 1132                | do 15...             | Wm. Sughrue.....          | Mate, str., minor<br>inland waters.                 | Howe Island, Ont.         | do .....                      | 2 00    |
| 1133                | do 15...             | John McCormick.....       | Mate, str., inland<br>waters.                       | Wolfe Island, Ont.        | do .....                      | 2 00    |
| 1134                | do 15...             | Francis Albert Forsyth... | do .....  | Kingston, Ont.....        | do .....                      | 2 00    |

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| No. of Certificate. | Date of Certificate. | Name.                      | Grade.  | Address.            | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|----------------------------|---|---------------------|-------------------------------|---------|
|                     | 1884.                |                            |   |                     |                               | \$ cts. |
| 1135                | April 15...          | Matthew Patterson.....     | Master, fore and aft, inland waters.          | Kingston, Ont.....  | Kingston .....                | 4 00    |
| 1136                | do 15...             | John H. Yott.....          | do .....                                      | Rednorville, Ont... | do .....                      | 4 00    |
| 1137                | do 15...             | Coleman Hinckley, sen...   | Master, str, minor inland waters.             | Kingston, Ont.....  | do .....                      | 4 00    |
| 1138                | do 15...             | Joseph Ache.....           | Mate, fore and aft, inland waters.            | Garden Island, Que  | do .....                      | 2 00    |
| 1139                | do 15...             | Anthony Rogers.....        | do .....                                      | Kingston, Ont. ...  | do .....                      | 2 00    |
| 1140                | do 15...             | John Black.....            | do .....                                      | do .....            | do .....                      | 2 00    |
| 1141                | do 15...             | Michael Murray.....        | Master, str., inland waters.                  | Elgin, Ont.....     | do .....                      | 4 00    |
| 1142                | do 15...             | Francis Patterson.....     | do .....                                      | Kingston, Ont.....  | do .....                      | 4 00    |
| 1143                | do 15...             | Samuel McBride .....       | Mate, str., and fore and aft, inland waters.  | do .....            | do .....                      | 2 00    |
| 1144                | do 15...             | Wm. James Daly.....        | Master, str., minor inland waters.            | do .....            | do .....                      | 4 00    |
| 1145                | do 15...             | James Crawford.....        | Mate, fore and aft, inland waters.            | Wolfe Island, Ont.  | do .....                      | 2 00    |
| 1146                | do 15...             | Michael Nolan .....        | Master, str., minor inland waters.            | Kingston, Ont.....  | do .....                      | 4 00    |
| 1147                | do 15...             | Xavier Lafrance .....      | Master, str., inland waters.                  | Cedars, Que.....    | do .....                      | 4 00    |
| 1148                | do 15...             | Andrew Dunlop .....        | do .....                                      | Kingston, Ont.....  | do .....                      | 4 00    |
| 1149                | do 15...             | Coleman Hinckley, jun...   | do .....                                      | Cape Vincent, N.Y   | do .....                      | 4 00    |
| 1150                | do 15...             | Henry Lafrance.....        | Mate, str., inland waters.                    | Kingston, Ont.....  | do .....                      | 2 00    |
| 1151                | do 15...             | Peter Moffatt Beaupre..... | Mate, fore and aft, inland waters.            | do .....            | do .....                      | 2 00    |
| 1152                | do 15...             | John Joseph Johnston..     | do .....                                      | do .....            | do .....                      | 2 00    |
| 1153                | do 15...             | John Gaskin.....           | Master, str., inland waters.                  | do .....            | do .....                      | 4 00    |
| 1154                | do 15...             | Frederick Williamson....   | Mate, fore and aft, inland waters.            | do .....            | do .....                      | 2 00    |
| 1155                | do 15...             | Wm. Hannay .....           | Master, str., inland waters.                  | do .....            | do .....                      | 4 00    |
| 1156                | do 16...             | Wm. Albut Lasha .....      | Mate, str., minor inland waters.              | Gananoque, Ont...   | do .....                      | 2 00    |
| 1157                | do 16...             | Henry O'Hara .....         | Mate, fore and aft, inland waters.            | Kingston, Ont.....  | do .....                      | 2 00    |
| 1158                | do 16...             | Samuel Fraser .....        | Master, str. and fore and aft, inland waters. | do .....            | do .....                      | 4 00    |
| 1159                | do 16...             | Joseph McKee .....         | Mate, fore and aft, inland waters.            | do .....            | do .....                      | 2 00    |
| 1160                | do 16...             | Michael John O'Shea.....   | do .....                                      | do .....            | do .....                      | 2 00    |
| 1161                | do 16...             | George F. Horne.....       | do .....                                      | do .....            | do .....                      | 2 00    |

LIST of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.— *Continued.*

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.  | Address.              | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|---|-----------------------|-------------------------------|---------|
|                     | 1884.                |                          |   |                       |                               | \$ cts. |
| 1163                | April 16...          | James Gardner .....      | Master, str, inland waters.                   | Kingston, Ont.....    | Kingston.....                 | 4 00    |
| 1163                | do 16...             | John Bedard.....         | Mate, fore and aft, inland waters.            | Gananoque, Ont....    | do .....                      | 2 00    |
| 1164                | do 16...             | James Eccles .....       | do ..   | Belleville, Ont ..... | do .....                      | 2 00    |
| 1165                | do 16...             | Robert Davis .....       | Master, str., minor inland waters.            | Kingston, Ont.....    | do .....                      | 4 00    |
| 1166                | do 16...             | Wm. James Hattan.....    | Mate, str., minor inland waters.              | do .....              | do .....                      | 2 00    |
| 1167                | do 16...             | Frank Thompson . .....   | Mate, fore and aft, inland waters.            | do .....              | do .....                      | 2 00    |
| 1168                | do 16...             | James McCombe .....      | do ..   | do .....              | do .....                      | 2 00    |
| 1169                | do 16...             | Jno. McArthur .....      | Mate, str., inland waters.                    | do .....              | do .....                      | 2 00    |
| 1170                | do 16...             | Jno. George Hurley.....  | Master, str., minor inland waters.            | do .....              | do .....                      | 4 00    |
| 1171                | do 16...             | Felix Compeau .....      | Mate, fore and aft, inland waters.            | Garden Island, Ont    | do .....                      | 2 00    |
| 1172                | do 16...             | Daniel Murphy.....       | Master, str., minor inland waters.            | Kingston, Ont.....    | do .....                      | 4 00    |
| 1173                | do 9...              | Edward Kennedy . .....   | Master, square rig, coasting.                 | Souris, P. E. I. .... | Halifax.....                  | 4 00    |
| 1174                | do 12...             | Jas. Henry Glass .....   | Master, fore and aft, inland waters.          | Windsor, Ont.....     | Windsor .....                 | 4 00    |
| 1175                | do 12...             | Martin F. Fleming .....  | do ..   | do .....              | do .....                      | 4 00    |
| 1176                | do 14...             | Thos. Fenwick Taylor...  | do ..   | Kingston, Ont.....    | do .....                      | 4 00    |
| 1177                | do 14...             | John Cragg .....         | do ..   | Dresden, Ont. ....    | do .....                      | 4 00    |
| 1178                | do 14...             | Jas. Alonzo Dease .....  | do ..   | Port Rowan, Ont..     | do .....                      | 4 00    |
| 1179                | do 15...             | John Lee Goodearle.....  | Master, str. and fore and aft, inland waters. | Kingston, Ont. ....   | Kingston .....                | 4 00    |
| 1180                | do 15...             | John McCumskey .....     | Mate, str, inland waters.                     | do .....              | do .....                      | 2 00    |
| 1181                | do 16...             | Wm. Henry Potter.....    | Master, str., minor inland waters.            | do .....              | do .....                      | 4 00    |
| 1182                | do 14...             | Ozias Barrett .....      | Master, fore and aft, great inland waters.    | Port Burwell, Ont.    | Windsor .....                 | 4 00    |
| 1183                | do 14...             | Dean Smith Webster.....  | do ..   | Windsor, Ont.....     | do .....                      | 4 00    |
| 1184                | do 14...             | Louis Sherlano .....     | do ..   | Chatham, Ont.....     | do .....                      | 4 00    |
| 1185                | do 14...             | Job Alex. Malott.....    | do ..   | Kingsville, Ont. ...  | do .....                      | 4 00    |
| 1186                | do 16...             | Louis Minaker Collier... | Master, str., minor inland waters.            | Napanee, Ont.....     | Kingston.....                 | 4 00    |
| 1187                | do 16...             | George Titus.....        | Mate, fore and aft, inland water.             | Kingston, Ont.....    | do .....                      | 2 00    |
| 1188                | do 16...             | Charles Crowley.....     | Master, steamer, inland waters.               | do .....              | do .....                      | 4 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.  | Address.             | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|---|----------------------|-------------------------------|---------|
|                     | 1884.                |                          |   |                      |                               | \$ cts. |
| 1189                | April 16...          | Edward Smith.....        | Master, str., minor inland waters.                | Brewer's Mills, Ont  | Kingston.....                 | 4 00    |
| 1190                | do 16...             | James Smith.....         | do .....  | do .....             | do .....                      | 4 00    |
| 1191                | do 16...             | James Gormley.....       | Mate, steamer, inland waters.                     | Kingston, Ont.....   | do .....                      | 2 00    |
| 1192                | do 16...             | Robt. Crawford.....      | Master, steamer, inland waters.                   | do .....             | do .....                      | 4 00    |
| 1193                | do 16...             | Wm. Nawsaw Newell...     | Mate, fore and aft, inland waters.                | do .....             | do .....                      | 2 00    |
| 1194                | do 16...             | Roderick Crysler Carter  | Master, steamer, inland waters.                   | do .....             | do .....                      | 4 00    |
| 1195                | do 16...             | Jno Caddell Irvine ..... | do .....  | Montreal, Que. ....  | do .....                      | 4 00    |
| 1196                | do 17...             | Christopher Gaskin ..... | Mate, steamer, inland waters.                     | Kingston, Ont.....   | do .....                      | 2 00    |
| 1197                | do 12...             | Thomas O'Connor.....     | Master, str., minor inland waters.                | do .....             | do .....                      | 4 00    |
| 1198                | do 17...             | Reynolds B. McDonald...  | Mate, str., minor inland waters.                  | do .....             | do .....                      | 2 00    |
| 1199                | do 17...             | Hiram Marlow .....       | do .....  | Wolfe Island, Ont.   | do .....                      | 2 00    |
| 1200                | do 14...             | Webster Augustus.....    | Master, steamer, and fore and aft, inland waters. | Kington, Ont.....    | do .....                      | 4 00    |
| 1201                | do 16...             | Lebare Turcott.....      | Mate, fore and aft, inland waters.                | do .....             | do .....                      | 2 00    |
| 1202                | do 14...             | Jas. Benj. Estes.....    | Master, steamer, inland waters.                   | do .....             | do .....                      | 4 00    |
| 1203                | do 12...             | Wm. Simmons.....         | Master, fore and aft, inland waters.              | do .....             | do .....                      | 4 00    |
| 1204                | do 12...             | Patrick Feherery.....    | Mate, str., minor inland waters.                  | Belleville, Ont .... | do .....                      | 2 00    |
| 1205                | do 12...             | Chas. Wesley Farrington  | Master, fore and aft, inland waters.              | do .....             | do .....                      | 4 00    |
| 1206                | do 17...             | Thos. Nelson Mackay....  | Mate, fore and aft, inland waters.                | Wolfe Island, Ont.   | do .....                      | 2 00    |
| 1207                | do 12...             | Edward A. Book, jun....  | do .....  | Kingston, Ont.....   | do .....                      | 2 00    |
| 1208                | do 12...             | Wm. Dandy.....           | Master, fore and aft, inland waters.              | do .....             | do .....                      | 4 00    |
| 1209                | do 12...             | Henry Esford.....        | Mate, steamer, inland waters.                     | do .....             | do .....                      | 2 00    |
| 1210                | do 12...             | Ozée Lantier.....        | do .....  | Clayton, N.Y.....    | do .....                      | 2 00    |
| 1211                | do 12...             | Nicholas Stark.....      | Master, fore and aft, inland waters.              | Windsor, Ont.....    | Windsor.....                  | 4 00    |
| 1212                | do 12...             | Ephrem Martin .....      | Mate, steamer, inland waters.                     | Garden Island, Ont   | Kingston.....                 | 2 00    |
| 1213                | do 12...             | Wm. John Watkins.....    | Mate, fore and aft, inland waters.                | Belleville, Ont..... | do .....                      | 2 00    |
| 1214                | do 12...             | John Geoghegan.....      | Master, fore and aft and steamer, inland waters.  | Kingston, Ont.....   | do .....                      | 4 00    |
| 1215                | do 12...             | Wm. Cope Rothwell.....   | Master, str., minor inland waters.                | do .....             | do .....                      | 4 00    |

LIST of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                                  | Address.                      | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|---|-------------------------------|-------------------------------|---------|
|                     | 1884.                |                          |   |                               |                               | \$ cts. |
| 1216                | April 12...          | Willard Stevens.....     | Mate, fore and aft,<br>inland waters.   | Kingston, Ont.....            | Kingston ....                 | 2 00    |
| 1217                | do 12...             | Frank Lawrence.....      | do                                      | Garden Island, Ont            | do .....                      | 2 00    |
| 1218                | do 12...             | John Hilyard Davis.....  | Master, str., minor<br>inland waters.   | Gananoque, Ont ...            | do .....                      | 4 00    |
| 1219                | do 12...             | David Lefevre.....       | do                                      | Garden Island, Ont            | do .....                      | 4 00    |
| 1220                | do 12...             | John Boyd .....          | Master, str, inland<br>waters.          | Kingston, Ont .....           | do .....                      | 4 00    |
| 1221                | do 12...             | Wm. Corrigan ....        | Master, str., minor<br>inland waters.   | do .....                      | do .....                      | 4 00    |
| 1222                | do 12...             | David Daniel Bates.....  | Master, fore and aft,<br>inland waters. | do .....                      | do .....                      | 4 00    |
| 1223                | do 12...             | John Saunders .....      | do                                      | do .....                      | do .....                      | 4 00    |
| 1224                | do 12...             | Nicholas Henderson ..... | Mate, fore and aft,<br>inland waters.   | do .....                      | do .....                      | 2 00    |
| 1225                | do 17...             | James Markey.....        | do                                      | Cobourg, Ont.....             | Cobourg.....                  | 2 00    |
| 1226                | do 17...             | James McKendry.....      | do                                      | do .....                      | do .....                      | 2 00    |
| 1227                | do 17...             | John Butler .....        | Master, fore and aft,<br>inland waters. | do .....                      | do .....                      | 4 00    |
| 1228                | do 17...             | Patrick O'Hara .....     | Mate, fore and aft,<br>inland waters.   | do .....                      | do .....                      | 2 00    |
| 1229                | do 17...             | James Butler.....        | do                                      | do .....                      | do .....                      | 2 00    |
| 1230                | do 17...             | William O'Rourke .....   | do                                      | do .....                      | do .....                      | 2 00    |
| 1231                | do 17...             | Thomas Conroy .....      | Master, fore and aft,<br>inland waters. | Colborne, Ont.....            | do .....                      | 4 00    |
| 1232                | do 17...             | George O'Brien .....     | do                                      | Picton, Ont. ....             | do .....                      | 4 00    |
| 1233                | do 19...             | Rufus Oxner.....         | Master, fore and aft,<br>coasting.      | Lower LaHave, N.S             | Halifax.....                  | 4 00    |
| 1234                | do 19...             | Benj. Edwin Reinhardt... | do                                      | Getson's Cove, N.S            | do .....                      | 4 00    |
| 1235                | do 19...             | Jethro Goodick .....     | do                                      | Shelburne, N.S....            | do .....                      | 4 00    |
| 1236                | do 19...             | Andrew Harris Gibson...  | do                                      | Canning, N.S.....             | do .....                      | 4 00    |
| 1237                | do 19...             | Arthur Marvin.....       | Master, square rig,<br>coasting.        | Halifax, N.S.....             | do .....                      | 4 00    |
| 1238                | do 19...             | James Edward Mann.....   | Master, fore and aft,<br>coasting.      | Port Medway, N.S.             | do .....                      | 4 00    |
| 1239                | do 19...             | Nathan Swaine.....       | do                                      | North-East Har-<br>bour, N.S. | do .....                      | 4 00    |
| 1240                | do 19...             | James Oscar Nauss.....   | do                                      | Mahone Bay, N.S..             | do .....                      | 4 00    |
| 1241                | do 19...             | Lockman Allen .....      | do                                      | Port Greville, N.S.           | Parrsboro'.....               | 4 00    |
| 1242                | do 18...             | Angus Ferguson.....      | Master, str., coast-<br>ing.            | Louisburg, C.B....            | Halifax.....                  | 4 00    |
| 1243                | do 19...             | Wm. Frs. Conlon .....    | Master, fore and aft,<br>coasting.      | Parrsboro', N.S. ...          | Parrsboro'.....               | 4 00    |



LIST of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                                | Address.                  | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|---------------------------------------|---------------------------|-------------------------------|---------|
|                     |                      |                          |                                       |                           |                               | \$ cts. |
| 1244                | April 19...          | Geopold Ab. Brown .....  | Mate, fore and aft,<br>coasting.      | Parrsboro', N.S. ...      | Parrsboro' .....              | 2 00    |
| 1245                | do 19...             | Henry Wm. Hatfield ..... | do ...                                | Port Greville, N.S.       | do .....                      | 2 00    |
| 1246                | do 19...             | Henry Jas. Cloney .....  | Master, fore and aft,<br>coasting.    | Parrsboro', N.S. ...      | do .....                      | 4 00    |
| 1247                | do 19...             | Richd. Benj. Smith ..... | do ...                                | New Carlisle, Que.        | New Carlisle...               | 4 00    |
| 1248                | do 19...             | Fabien Landry .....      | do ...                                | Carleton, Que. ....       | do ...                        | 4 00    |
| 1249                | do 19...             | James Delaney .....      | do ...                                | New Carlisle, Que.        | do ...                        | 4 00    |
| 1250                | do 19...             | Alfred LeBraceur .....   | do ...                                | Paspebiac, Que. ...       | do ...                        | 4 00    |
| 1251                | do 22...             | Henry Staley .....       | Mate, fore and aft,<br>inland waters. | Kingston, Ont.....        | Kingston .....                | 2 00    |
| 1252                | do 19...             | Clifford Patterson ..... | Master, fore and aft,<br>coasting.    | Shulee, N.S. ....         | St. John. ....                | 4 00    |
| 1253                | do 19...             | Leon D'Eon .....         | do ...                                | Pubnico, N.S. ....        | Yarmouth .....                | 4 00    |
| 1254                | do 19...             | Louis D'Eon .....        | do ...                                | do .....                  | do .....                      | 4 00    |
| 1255                | do 19...             | Chas. Henry Grylls ..... | Master, str., minor<br>inland waters. | Lakefield, Ont....        | Peterboro' .....              | 4 00    |
| 1256                | do 19...             | Charles Staines .....    | Master, fore and aft,<br>coasting.    | New Carlisle, Que.        | New Carlisle ..               | 4 00    |
| 1257                | do 18...             | Everett Ells .....       | Mate, fore and aft,<br>coasting.      | Canning, N.S. ....        | Parrsboro' .....              | 2 00    |
| 1258                | do 18...             | John Delaney .....       | do ...                                | New Carlisle, Que.        | New Carlisle ..               | 2 00    |
| 1259                | do 18...             | Wm. Lawlor .....         | Master, str., minor<br>inland waters. | Hawkesbury Vil-<br>lage.  | Ottawa .....                  | 4 00    |
| 1260                | do 18...             | Alex'r L. De Grace ..... | do ...                                | Chatham, N.B. ....        | St. John .....                | 4 00    |
| 1261                | do 21...             | Clemon Courtemarche...   | do ...                                | Peterboro', Ont. ...      | Peterboro' .....              | 4 00    |
| 1262                | do 21...             | Wm. Huckabone .....      | Mate, str., minor<br>inland waters.   | Pembroke, Ont. ....       | Ottawa .....                  | 2 00    |
| 1263                | do 21...             | David Mulligan .....     | Master, str., minor<br>inland waters. | do .....                  | do .....                      | 4 00    |
| 1264                | do 21...             | Nazaire Emond .....      | do ...                                | Allumette Island...       | do .....                      | 4 00    |
| 1265                | Mar. 24...           | Edouard Lessard .....    | Master, str., coast-<br>ing.          | Berthier, en bas,<br>Que. | Quebec .....                  | 4 00    |
| 1266                | April 21...          | Thomas Draper .....      | Master, str., minor<br>inland waters. | Pembroke, Ont. ....       | Ottawa .....                  | 4 00    |
| 1267                | do 21...             | Thomas Dunbar .....      | do ...                                | do .....                  | do .....                      | 4 00    |
| 1268                | do 21...             | John Ellis .....         | do ...                                | Arnprior, Ont. ....       | do .....                      | 4 00    |
| 1269                | do 21...             | John L. Murphy .....     | do ...                                | Pembroke, Ont. ....       | do .....                      | 4 00    |
| 1270                | do 21...             | Jno. McIntosh .....      | do ...                                | Portage du Fort,<br>Que.  | do .....                      | 4 00    |
| 1271                | do 21...             | Ovide Blondin .....      | do ...                                | Bryson, Que .....         | do .....                      | 4 00    |

List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.  | Address.                    | When Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|---|-----------------------------|------------------------------|---------|
|                     |                      |                          |   |                             |                              | \$ cts. |
| 1272                | April 21...          | Philip Toner.....        | Master, str., minor inland waters.            | Portage du Fort, Que.       | Ottawa.....                  | 4 00    |
| 1273                | do 21...             | Joseph Ricard .....      | do .....                                      | .....                       | do .....                     | 4 00    |
| 1274                | do 21...             | Octave Blondin .....     | do .....                                      | Bryson, Que .....           | do .....                     | 4 00    |
| 1275                | do 21...             | Wm. Jas. Murphy .....    | do .....                                      | Morrisburg, Ont....         | do .....                     | 4 00    |
| 1276                | do 21...             | Wm. Jas. Daly.....       | do .....                                      | Prescott, Ont.....          | Prescott.....                | 4 00    |
| 1277                | do 21...             | Jas. B. McMillan.....    | do .....                                      | Dundee, Que.....            | do .....                     | 4 00    |
| 1278                | do 21...             | Albert Reynolds.....     | do .....                                      | Brockville, Ont....         | do .....                     | 4 00    |
| 1279                | do 21...             | James Chestnut .....     | Master, str., inland waters.                  | St. Catharines, Ont         | Ottawa.....                  | 4 00    |
| 1280                | do 21...             | Geo. Henry Postlethwaite | Mate, str., minor inland waters.              | Lakefield, Ont.....         | Peterborough.                | 2 00    |
| 1281                | do 21...             | Isaac Plumb.....         | Master, str., minor inland waters.            | Prescott, Ont.....          | Prescott.....                | 4 00    |
| 1282                | do 21...             | Wm. Alex. Russell.....   | do .....                                      | do .....                    | do .....                     | 4 00    |
| 1283                | do 21...             | Michael Grier, jun.....  | Mate, str., minor inland waters.              | Peterborough, Ont           | Cobourg.....                 | 2 00    |
| 1284                | do 21...             | Léon Dion.....           | Master, str., minor inland waters.            | do .....                    | do .....                     | 4 00    |
| 1285                | do 21 ..             | Robt. Worden Carson....  | do .....                                      | do .....                    | do .....                     | 4 00    |
| 1286                | do 21...             | John Tobin, jun.....     | Mate, str., minor inland waters.              | do .....                    | do .....                     | 2 00    |
| 1287                | do 22...             | John A. Carnegie.....    | Master, str., minor inland waters.            | Rockport, Ont .....         | Ottawa.. .....               | 4 00    |
| 1288                | do 22...             | Alex. Smallman.....      | do .....                                      | Dundee, Que.....            | Prescott.....                | 4 00    |
| 1289                | do 22...             | Thos. A. Howard.....     | do .....                                      | Belleville, Ont.....        | Kingston.....                | 4 00    |
| 1290                | do 23...             | Ferdinand Jodoin .....   | do .....                                      | Longueuil, Que....          | Montreal.....                | 4 00    |
| 1291                | do 23...             | Paul Bougie .....        | Mate, str., minor inland waters.              | Valleyfield, Que....        | Montreal.....                | 2 00    |
| 1292                | do 23...             | Daniel Rankin. ....      | Master, str., inland waters.                  | Montreal, Que.....          | do .....                     | 4 00    |
| 1293                | Mar. 14...           | Wm. Light .....          | Master, str. and fire and aft, inland waters. | Vienna, Ont.....            | Toronto .....                | 4 00    |
| 1294                | April 22...          | James Mitchell. ....     | Master, fore and aft, inland waters.          | Kingston, Ont.....          | Kingston.. .....             | 4 00    |
| 1295                | do 22...             | Henry Covert.....        | do .....                                      | Belleville, Ont.....        | do .....                     | 4 00    |
| 1296                | do 22...             | John Rowe .....          | Master, str., minor inland waters.            | Deseronto, Ont....          | do .....                     | 4 00    |
| 1297                | do 22...             | Wm. McQuillan.....       | Master, fore and aft, inland waters.          | St. Catharines, Ont         | St. Catharines               | 4 00    |
| 1298                | do 22...             | John Laque.....          | Mate, fore and aft, inland waters.            | Dickinson's Land- ing, Ont. | do .....                     | 2 00    |
| 1299                | do 22...             | Robt. Cannalley. ....    | Master, str., inland waters.                  | Sarnia, Ont.....            | do .....                     | 4 00    |

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| No. of Certificate. | Date of Certificate. | Name.                    | Grade.  | Address.             | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|---|----------------------|-------------------------------|---------|
|                     | 1884.                |                          |   |                      |                               | \$ cts. |
| 1300                | April 22...          | John Grey .....          | Mate, fore and aft, inland waters.            | Kingston, Ont.....   | Kingston.....                 | 2 00    |
| 1301                | do 22...             | Thomas Boyle.....        | Master, fore and aft, inland waters.          | St. Catharines, Ont  | St. Catharines                | 4 00    |
| 1302                | do 23...             | Frank Melancon .....     | Master, fore and aft, coasting.               | Grosses Coques, N.S. | Weymouth.....                 | 4 00    |
| 1303                | do 23...             | Allen Craig.....         | Master, square rig, coasting.                 | Lockeport, N.S....   | Halifax.....                  | 4 00    |
| 1304                | do 23...             | Bradford Page Thoburn    | Master, fore and aft, coasting.               | Shelburne, N.S....   | Shelburne .....               | 4 00    |
| 1305                | do 23...             | Danl. Norman Messenger   | do  | Barton, N.S.....     | Weymouth.....                 | 4 00    |
| 1306                | do 23...             | David Wm. Stilwall ..... | Master, str, minor inland waters.             | St. John, N.B .....  | St. John.....                 | 4 00    |
| 1307                | do 23...             | Uriah Walter Falt .....  | Master, fore and aft, coasting.               | Petite Rivière, N.S. | Lunenburg ...                 | 4 00    |
| 1308                | do 18...             | John Corrigan .....      | Master, str., minor inland waters.            | Pembroke, Ont.....   | Ottawa.....                   | 4 00    |
| 1309                | do 18...             | Wm. James Gordon.....    | Master, fore and aft, inland waters.          | Simcoe, Ont.....     | Toronto.....                  | 4 00    |
| 1310                | do 18...             | Thos. Johnston .....     | Master, str., minor inland waters.            | St. John, N.B.....   | St. John.....                 | 4 00    |
| 1311                | do 18...             | Jno. Smith Miller.....   | do  | Prescott, Ont.....   | Prescott.....                 | 4 00    |
| 1312                | do 18...             | Robt. Carnegie .....     | do  | Rockport, Ont.....   | Ottawa.....                   | 4 00    |
| 1313                | do 18...             | Richard Cook.....        | do  | Brockville, Ont....  | do .....                      | 4 00    |
| 1314                | do 18...             | Thos. Jos. Lacret.....   | do  | Nipissing, Ont.....  | do .....                      | 4 00    |
| 1315                | do 18...             | Asa R. Gamble .....      | Mate, str., minor inland waters.              | do .....             | do .....                      | 2 00    |
| 1316                | do 19...             | Wellington Green .....   | do  | do .....             | do .....                      | 2 00    |
| 1317                | do 19...             | John Coolahan .....      | Master, square rig, inland waters.            | Toronto, Ont.....    | Toronto .....                 | 4 00    |
| 1318                | do 19...             | Alex. Martin.....        | Mate, square rig, inland waters.              | do .....             | do .....                      | 2 00    |
| 1319                | do 19...             | Jeremiah Cavanaugh.....  | do  | Cobourg, Ont ...     | do .....                      | 2 00    |
| 1320                | do 19...             | Alex. Anderson .....     | Master, fore and aft, inland waters.          | St. Catharines, Ont  | do .....                      | 4 00    |
| 1321                | do 19...             | David Foster .....       | Master, str. and square rig, inland waters.   | Port Burwell, Ont.   | do .....                      | 4 00    |
| 1322                | do 19...             | Wm. Wood .....           | Master, str. and fore and aft, inland waters. | Hamilton, Ont.....   | do .....                      | 4 00    |
| 1323                | do 19...             | Jno. Irvine .....        | Mate, fore and aft, inland waters.            | do .....             | do .....                      | 2 00    |
| 1324                | do 19...             | Gordon Kean .....        | Master, fore and aft, inland waters.          | Port Dalhousie, Ont  | do .....                      | 4 00    |
| 1325                | do 19...             | Chas. Wells.....         | Master, str., minor inland waters.            | Ogdensburg, N.Y.     | Ottawa.....                   | 4 00    |
| 1328                | do 24...             | Jno. Jas. Daley.....     | Master, fore and aft, inland waters.          | Hamilton, Ont.....   | St. Catharines.               | 4 00    |
| 1327                | do 24...             | Wm. Hardy Morden.....    | do  | Oakville, Ont.....   | do ...                        | 4 00    |

List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                                   | Address.                             | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--|--------------------------------------|-------------------------------|---------|
|                     | 1884.                |                           |  |                                      |                               | \$ cts. |
| 1328                | April 24...          | Wm. Connor.....           | Master, fore and aft,<br>inland waters.  | St. Catharines, Ont                  | St. Catharines                | 4 00    |
| 1329                | do 24...             | Andrew Walsh.....         | do ...                                   | do ...                               | do ...                        | 4 00    |
| 1330                | do 24...             | Geo. Mackey.....          | do ...                                   | do ...                               | do ...                        | 4 00    |
| 1331                | do 24...             | Peter Jno. Nelson.....    | do ...                                   | do ...                               | do ...                        | 4 00    |
| 1332                | do 24...             | Jeremiah O'Leary .....    | do ...                                   | do ...                               | do ...                        | 4 00    |
| 1333                | do 24...             | Hugh Jos. Hagan.....      | do ...                                   | do ...                               | do ...                        | 4 00    |
| 1334                | do 24...             | Wm. Jos. McAvoy.....      | do ...                                   | do ...                               | do ...                        | 4 00    |
| 1335                | do 24...             | Geo. Brooks.....          | do ...                                   | Port Dalhousie, Ont                  | do ...                        | 4 00    |
| 1336                | do 24...             | Thos. Alex. Stewart ..... | do ...                                   | Port Dalhousie, Ont                  | do ...                        | 4 00    |
| 1337                | do 24...             | Alex. Milligan, jun.....  | do ...                                   | St. Catharines, Ont                  | do ...                        | 4 00    |
| 1338                | do 24...             | John Read .....           | do ...                                   | Port Dalhousie, Ont                  | do ...                        | 4 00    |
| 1339                | do 24...             | Geo. Stewart .....        | do ...                                   | do ...                               | do ...                        | 4 00    |
| 1340                | do 24...             | Jno. Alex. Muir .....     | do ...                                   | do ...                               | do ...                        | 4 00    |
| 1341                | do 24...             | Sylvester Prince .....    | do ...                                   | St. Catharines, Ont                  | do ...                        | 4 00    |
| 1342                | do 24...             | Jas. Robinson .....       | do ...                                   | do ...                               | do ...                        | 4 00    |
| 1343                | do 23...             | Jas. McIntosh.....        | Master, str., coast-<br>ing trade.       | Victoria, B.C.....                   | Victoria.....                 | 4 00    |
| 1344                | do 23...             | Henry Smith.....          | do ...                                   | Moodyville, Bur-<br>rard Inlet, B.C. | do .....                      | 4 00    |
| 1345                | do 23...             | Alex. McKinnon .....      | do ...                                   | Beren's Island<br>Lighthouse, B.C.   | do .....                      | 4 00    |
| 1346                | do 23...             | Asberry Insley .....      | do ...                                   | New Westminster,<br>B.C.             | do .....                      | 4 00    |
| 1347                | do 23...             | Jas. Christensen.....     | do ...                                   | Victoria, B.C.....                   | do .....                      | 4 00    |
| 1348                | do 23...             | Wm. Scott .....           | do ...                                   | do .....                             | do .....                      | 4 00    |
| 1349                | do 23...             | Severinus Aug. Graves...  | Master, fore and aft,<br>coasting trade. | Margaretsville, N.S                  | Cornwallis ...                | 4 00    |
| 1350                | do 24...             | Wm. Henry Steeves .....   | do ...                                   | Hillsborough, N.B.                   | St. John.....                 | 4 00    |
| 1351                | do 24...             | Geo. T. Mullin.....       | do ...                                   | Portland, N.B.....                   | St. John.....                 | 4 00    |
| 1352                | do 24...             | Daniel Wilson .....       | do ...                                   | do .....                             | do .....                      | 4 00    |
| 1353                | do 24...             | David Phillips.....       | do ...                                   | Shalie, N.S.                         | do .....                      | 4 00    |
| 1354                | do 24...             | Wilton Fred. Flewelling   | do ...                                   | Carleton, N.B.....                   | do .....                      | 4 00    |
| 1355                | do 24...             | Hans Halvarsen .....      | Master, str., minor<br>inland waters.    | Newcastle, N.B....                   | do .....                      | 4 00    |

LIST of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                                | Address.              | Where Examination was Passed. | Fee.            |
|---------------------|----------------------|---------------------------|---------------------------------------|-----------------------|-------------------------------|-----------------|
| 1356                | April 24...          | Jno. Patterson.....       | Master, fore and aft, coasting trade. | Shulie, N.S. ....     | St. John.....                 | \$ cts.<br>4 00 |
| 1357                | do 24...             | Fred. Wm. Crossley.....   | Mate, fore and aft, coasting trade.   | Cheverie, N.S.....    | Halifax.....                  | 2 00            |
| 1358                | do 24...             | Leigh Richmond Manning    | Master, square rig, coasting trade.   | Bridgewater, N.S..    | Lunenburg ...                 | 4 00            |
| 1359                | do 24...             | Josiah Weagle ... ..      | do ...                                | La Have, N.S.....     | do .....                      | 4 00            |
| 1360                | do 24...             | Herbert Warner. ....      | Master, fore and aft, coasting trade. | Plympton, N.S.....    | Halifax .....                 | 4 00            |
| 1361                | do 24...             | Chas. W. Adams.....       | do ...                                | Brighton, N.S. ....   | do .....                      | 4 00            |
| 1362                | do 24...             | Marsden Bethel .....      | do ...                                | Port La Tour, N.S.    | do .....                      | 4 00            |
| 1363                | do 24...             | Jeremiah Gayton. ....     | Master, square rig, coasting trade.   | Lower Argyie, N.S.    | Yarmouth .....                | 4 00            |
| 1364                | do 24...             | Jas. B. Doherty.....      | Master, fore and aft, coasting trade. | Sackville, N.B.....   | St. John.....                 | 4 00            |
| 1365                | do 24...             | Albert Young .....        | do ...                                | Lunenburg, N.S....    | Lunenburg....                 | 4 00            |
| 1366                | do 24...             | Jas. Wilfred Forster..... | do ...                                | Richibucto, N.B....   | St. John.....                 | 4 00            |
| 1367                | do 24...             | Valentine E. Evans.....   | Master, str., coasting.               | Sackville, N.B. ....  | do .....                      | 4 00            |
| 1368                | do 24...             | Jas. Edwin Brown.....     | Master, fore and aft, coasting.       | Parrsboro', N.S. ...  | Parrsboro', ...               | 4 00            |
| 1369                | do 24...             | Norman Wilford Chute...   | do ...                                | Bear River, N.S....   | Halifax.....                  | 4 00            |
| 1370                | do 24...             | Wm. H. Baxter.....        | do ...                                | Canning, N.S.....     | do .....                      | 4 00            |
| 1371                | do 24...             | Peter Holmes.....         | Master, str., coasting.               | Victoria, B.C.....    | Victoria.....                 | 4 00            |
| 1372                | do 24...             | Jno. Irving.....          | Master, str., inland waters.          | do .....              | do .....                      | 4 00            |
| 1373                | do 24...             | Wm. Henry McDonald ...    | Master, fore and aft, coasting.       | Big Bras d'Or, C.B.   | Sydney.....                   | 4 00            |
| 1374                | do 24...             | Geo. Brown .....          | Master, str., coasting.               | Victoria, B.C. ....   | Victoria .....                | 4 00            |
| 1375                | do 24...             | Amos Gates Potter.....    | Master, fore and aft, coasting.       | Clementsport, N.S.    | Yarmouth .....                | 4 00            |
| 1376                | do 24...             | Henry Moore.....          | Master, str., minor inland waters.    | New Westminster, B.C. | Victoria.....                 | 4 00            |
| 1377                | do 24...             | Dwight Ruggles.....       | Master, fore and aft, coasting.       | Barton, N.S.....      | Halifax.....                  | 4 00            |
| 1378                | do 24...             | Wm. Domingo Moore.....    | Master, str., coasting.               | Victoria, B.C.....    | Victoria .....                | 4 00            |
| 1379                | do 23...             | George Murray .....       | Master, fore and aft, inland waters.  | Kingston, Ont.....    | Kingston.....                 | 4 00            |
| 1380                | do 23...             | John Allen.....           | Mate, str., minor inland waters.      | Fredericton, N.B....  | St. John.....                 | 2 00            |
| 1381                | do 23...             | Samuel Ryan.....          | Master, fore and aft, coasting.       | Lockeport, N.S.....   | Halifax.....                  | 4 00            |
| 1382                | do 22...             | Richard Tobin.....        | do ...                                | North Sydney, C.B.    | Sydney.....                   | 4 00            |
| 1383                | do 23...             | Chas. Wesley Brannen...   | Master, str., minor inland waters.    | Portland, N.B.....    | St. John.....                 | 4 00            |
| 1384                | do 23...             | Chas. Bishop.....         | Master, fore and aft, coasting.       | Hopewell, N.B.....    | do .....                      | 4 00            |

LIST of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.  | Address.             | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|---|----------------------|-------------------------------|---------|
|                     | 1885.                |                           |   |                      |                               | \$ cts. |
| 1385                | April 23...          | Wilford Spragg.....       | Master, fore and aft, coasting.                 | Springfield, N.B.... | St. John.....                 | 4 00    |
| 1386                | do 24...             | Perry Hatfield.....       | do .....  | Fox River, N.S.....  | Parrsboro'.....               | 4 00    |
| 1387                | do 24...             | A. Wellington Brown...    | do .....  | Parrsboro', N.S. ... | do .....                      | 4 00    |
| 1388                | do 24...             | Jas. Freeman Bethel....   | do .....  | Port La Tour, N.S    | Halifax.....                  | 4 00    |
| 1389                | do 24..              | Thos. Stephen Duncan...   | Master, str., minor inland waters.              | Woodstock, N.B...    | St. John.....                 | 4 00    |
| 1390                | do 24...             | Stephen T. Farnsworth..   | Master, fore and aft, coasting.                 | St. John, N.B. ....  | do .....                      | 4 00    |
| 1391                | do 24...             | Wm. Alfred Wilband.....   | do .....  | Harvey, N.B.....     | do .....                      | 4 00    |
| 1392                | do 24...             | Henry Titis Whelpley....  | do .....  | Kingston, N.B.....   | do .....                      | 4 00    |
| 1393                | do 24...             | Albert Day.....           | do .....  | St. John, N.B.....   | do .....                      | 4 00    |
| 1394                | do 24...             | Wm. C Odell.....          | do .....  | Portland, N.B.....   | do .....                      | 4 00    |
| 1395                | do 24...             | Warren Dixon .....        | do .....  | Hopewell Cape, N.B   | do .....                      | 4 00    |
| 1396                | do 24...             | William Walsh.....        | do .....  | Parrsboro', N.S....  | do .....                      | 4 00    |
| 1397                | do 24...             | Chas. Babbit.....         | Master, str., coasting.                         | St. John, N.B.....   | do .....                      | 4 00    |
| 1398                | do 24...             | Thos. O'Donnell.....      | Master, fore and aft, inland waters.            | Port Dalhousie, Ont  | St. Catharines                | 4 00    |
| 1399                | do 24...             | Benjamin Gregory .....    | do .....  | St. Catharines, Ont  | do .....                      | 4 00    |
| 1400                | do 24...             | Jas. Thos. Beard.....     | do .....  | do .....             | do .....                      | 4 00    |
| 1401                | do 24...             | Geo. Firth Allan.....     | do .....  | Port Dover, Ont...   | do .....                      | 4 00    |
| 1402                | do 24...             | Alex. Reid.....           | do .....  | Port Dalhousie, Ont  | do .....                      | 4 00    |
| 1403                | do 24...             | John McIlwain.....        | do .....  | St. Catharines, Ont  | do .....                      | 4 00    |
| 1404                | do 24...             | Wm. Sheldon.....          | do .....  | do .....             | do .....                      | 4 00    |
| 1405                | do 24...             | Thos. Nelson Smith.....   | do .....  | do .....             | do .....                      | 4 00    |
| 1406                | do 24...             | Thos. Andrew Horne....    | Master, fore and aft, also str., inland waters. | do .....             | do .....                      | 4 00    |
| 1407                | do 24...             | James Shortt.....         | Master, fore and aft, inland waters.            | do .....             | do .....                      | 4 00    |
| 1408                | do 24...             | Francis McGlynn.....      | do .....  | do .....             | do .....                      | 4 00    |
| 1409                | do 24...             | James Edmonds.....        | do .....  | Port Hope, Ont.....  | do .....                      | 4 00    |
| 1410                | do 24...             | Wm. Richard Welsh.....    | Mate, fore and aft, inland waters.              | St. Catharines, Ont  | do .....                      | 2 00    |
| 1411                | do 24...             | John Lauder.....          | do .....  | Port Colborne, N.S   | do .....                      | 2 00    |
| 1412                | do 24...             | John McLean .....         | do .....  | Goderich, Ont.....   | do .....                      | 2 00    |
| 1413                | do 24...             | Patrick Jos. Gallagher... | do .....  | St. Catharines, Ont  | do .....                      | 2 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                   | Grade.   | Address.             | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|-------------------------|--|----------------------|-------------------------------|---------|
|                     | 1884.                |                         |  |                      |                               | \$ cts. |
| 1414                | April 24...          | John Lang Houston.....  | Mate, fore and aft, inland waters.             | Port Dalhousie, Ont  | St. Catharines                | 2 00    |
| 1415                | do 24...             | Samuel Grant.....       | do   | St. Catharines, Ont  | do                            | 2 00    |
| 1416                | do 24...             | Samuel Light.....       | do   | do                   | do                            | 2 00    |
| 1417                | do 24...             | Alex. Henderson.....    | do   | Burlington, Ont....  | do                            | 2 00    |
| 1418                | do 24...             | George McAvoy.....      | do   | Port Dalhousie, Ont  | do                            | 2 00    |
| 1419                | do 24...             | Louis Bang.....         | do   | do                   | do                            | 2 00    |
| 1420                | do 24...             | John Patterson.....     | do   | St. Catharines, Ont  | do                            | 2 00    |
| 1421                | do 24...             | Robert Thompson.....    | do   | do                   | do                            | 2 00    |
| 1422                | do 25...             | Robert Walton.....      | Mate, str., inland waters.                     | Port Dalhousie, Ont  | do                            | 2 00    |
| 1423                | do 25...             | Richard Read.....       | Master, fore and aft, inland waters.           | do                   | do                            | 4 00    |
| 1424                | do 25...             | John Collins.....       | do   | do                   | do                            | 4 00    |
| 1425                | do 25...             | Thos. Sullivan.....     | do   | St. Catharines, Ont  | do                            | 4 00    |
| 1426                | do 25...             | Thomas Riley.....       | do   | do                   | do                            | 4 00    |
| 1427                | do 25...             | Thos. Avery Brown.....  | do   | Port Dalhousie, Ont  | do                            | 4 00    |
| 1428                | do 25...             | Harvey Colvin.....      | do   | do                   | do                            | 4 00    |
| 1429                | do 25...             | Henry Brooks.....       | do   | do                   | do                            | 4 00    |
| 1430                | do 25...             | Thomas Edward Murray.   | do   | St. Catharines, Ont. | do                            | 4 00    |
| 1431                | do 25...             | Thos. Dalton.....       | do   | do                   | do                            | 4 00    |
| 1432                | do 25...             | John Irving.....        | Master, fore and aft and str., inland waters.  | Port Dalhousie, Ont  | do                            | 4 00    |
| 1433                | do 25...             | Jos. Spence.....        | Master, fore and aft, inland waters.           | Hamilton, Ont.....   | do                            | 4 00    |
| 1434                | do 25...             | Thos. Lyon.....         | do   | do                   | do                            | 4 00    |
| 1435                | do 25...             | Emerson Wright.....     | Master, str., inland inland waters.            | do                   | do                            | 4 00    |
| 1436                | do 25...             | Edward Harris.....      | Mate, str., inland waters.                     | Port Dalhousie, Ont  | do                            | 2 00    |
| 1437                | do 25...             | Geo. Thos. Malcolmson.. | Master, str., inland waters.                   | St. Catharines, Ont. | do                            | 4 00    |
| 1438                | do 25...             | Conrad Quackenbush....  | do   | Port Dalhousie, Ont  | do                            | 4 00    |
| 1439                | do 25...             | Henry Zealand.....      | Master, steamer and square rig, inland waters. | St. Catharines, Ont. | do                            | 4 00    |
| 1440                | do 25...             | Jeremiah Clifford.....  | Master, str., inland waters.                   | do                   | do                            | 4 00    |

LIST of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.  | Address.               | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|---|------------------------|-------------------------------|---------|
|                     | 1884.                |                           |   |                        |                               | \$ cts- |
| 1441                | April 25...          | Louis G. Labatt .....     | Mate, str., inland waters.                    | St. Catharines, Ont.   | St. Catharines                | 2 00    |
| 1442                | do 25...             | Robt. McMaugh.....        | Master, str., inland waters.                  | do ...                 | do .....                      | 4 00    |
| 1443                | do 25...             | Frank Mahaffay .....      | Mate, str., minor inland waters.              | Port Colborne, Ont.    | do .....                      | 2 00    |
| 1444                | do 25...             | Archibald McMaugh .....   | Master, str., inland waters.                  | St. Catharines, Ont.   | do .....                      | 4 00    |
| 1445                | do 25...             | David Allan Kiah.....     | do ...  | Hamilton, Ont.....     | do .....                      | 4 00    |
| 1446                | do 25...             | John Kemp .....           | Master, fore and aft, inland waters.          | Port Burwell, Ont.     | do .....                      | 4 00    |
| 1447                | do 25...             | Jas. Hamilton Scott.....  | Master, str., inland waters.                  | Tyrconnel, Ont. ...    | do .....                      | 4 00    |
| 1448                | do 25...             | Elisha Payson M. Titus... | Master, fore and aft and str., inland waters. | Port Burwell, Ont.     | do .....                      | 4 00    |
| 1449                | do 25...             | Joseph Parsons .....      | Master, fore and aft, inland waters.          | Port Colborne, Ont.    | Port Colborne.                | 4 00    |
| 1450                | do 25...             | Peter Thomson .....       | do ...  | Duart, Elgin Co., Ont. | St. Catharines                | 4 00    |
| 1451                | do 25...             | Jas. Saurin .....         | Mate, fore and aft, inland waters.            | Port Colborne, Ont.    | do .....                      | 2 00    |
| 1452                | do 25...             | Robt. Gillies .....       | Master, fore and aft, inland waters.          | do ...                 | do .....                      | 4 00    |
| 1453                | do 25...             | Jas. Reed .....           | Mate, fore and aft, inland waters.            | Port Burwell, Ont.     | do .....                      | 2 00    |
| 1454                | do 25...             | Richard Francis .....     | Master, fore and aft, inland waters.          | Fullerton, Ont.....    | do .....                      | 4 00    |
| 1455                | do 25...             | Cortlandt Lionel Secord.  | Mate, str., inland waters.                    | Niagara, Ont. ....     | do .....                      | 2 00    |
| 1456                | do 25...             | Alexander McLeod.....     | Master, fore and aft, inland waters.          | Stromness, Ont....     | do ...                        | 4 00    |
| 1457                | do 25...             | Edward Burge.....         | do ...  | Port Burwell, Ont.     | do ...                        | 4 00    |
| 1458                | do 25...             | John Burge.....           | Mate, fore and aft, inland waters.            | do ...                 | do ...                        | 2 00    |
| 1459                | do 25...             | Thomas Read .....         | Master, fore and aft, inland waters.          | Port Dalhousie, Ont    | do ...                        | 4 00    |
| 1460                | do 25...             | David McAllister .....    | Mate, fore and aft, inland waters.            | Port Colborne, Ont     | do ...                        | 2 00    |
| 1461                | do 25...             | Malcolm McPhee.....       | Master, fore and aft, inland waters.          | do ...                 | do ...                        | 4 00    |
| 1462                | do 25...             | Jno. Collett .....        | do ...  | Port Rowan, Ont..      | do ...                        | 4 00    |
| 1463                | do 25...             | Henry Killaly .....       | Mate, fore and aft, inland waters.            | Port Dalhousie, Ont    | do ...                        | 2 00    |
| 1464                | do 25...             | Jas. Francis Doyle.....   | do ...  | Hamilton, Ont.....     | do ...                        | 2 00    |
| 1465                | do 25...             | Martin Brennan.....       | do ...  | St. Catharines, Ont    | do ...                        | 2 00    |
| 1466                | do 25...             | Jos. Brooks.....          | do ...  | Port Dalhousie, Ont    | do ...                        | 2 00    |
| 1467                | do 25...             | Wm. Ferguson.....         | do ...  | do ...                 | do ...                        | 2 00    |
| 1468                | do 25...             | Thos. Kimmitt.....        | do ...  | St. Catharines, Ont    | do ...                        | 2 00    |



List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.— *Continued.*

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.  | Address.            | Where Examination was Passed. | Fee.            |
|---------------------|----------------------|--------------------------|---|---------------------|-------------------------------|-----------------|
| 1469                | 1884.<br>April 24... | George Houston .....     | Mate, fore and aft,<br>inland waters.               | Port Dalhousie, Ont | St. Catharines.               | \$ cts.<br>2 00 |
| 1470                | do 25...             | Jas. Heappy.....         | do  | St. Catharines, Ont | do                            | 2 00            |
| 1471                | do 25...             | Donald Thompson .....    | do  | Port Colborne, N.S  | do                            | 2 00            |
| 1472                | do 25...             | Michael Kimmitt.....     | do  | St. Catharines, Ont | do                            | 2 00            |
| 1473                | do 25...             | Wm. Henry Atkinson....   | do  | Port Dalhousie, Ont | do                            | 2 00            |
| 1474                | do 25...             | Patrick Jos. Dacey.....  | do  | St. Catharines, Ont | do                            | 2 00            |
| 1475                | do 25...             | Daniel Early .....       | do  | St. Thomas, Ont...  | do                            | 2 00            |
| 1476                | do 25...             | Patrick Sullivan.....    | Master, str. and<br>fore and aft, inland<br>waters. | St. Catharines, Ont | do                            | 4 00            |
| 1477                | do 25...             | John Duncanson.....      | do  | Amherstburg, Ont.   | do                            | 4 00            |
| 1478                | do 25...             | Joseph Duncanson.....    | Mate, str. and fore<br>and aft, inland<br>waters.   | do                  | do                            | 2 00            |
| 1479                | do 25...             | John Sullivan .....      | Master, str., inland<br>waters.                     | Malochville, Que... | do                            | 4 00            |
| 1480                | do 25...             | Jas. Walkdon Mawdesley   | do  | Thorold, Ont.....   | do                            | 4 00            |
| 1481                | do 25...             | Terrence Reardon.....    | Mate, fore and aft,<br>inland waters.               | Hamilton, Ont.....  | do                            | 2 00            |
| 1482                | do 25...             | Allan McDonald .....     | Master, str., inland<br>waters.                     | Stromness, Ont....  | do                            | 4 00            |
| 1483                | do 25...             | Wm. Cavers.....          | do  | St. Catharines, Ont | do                            | 4 00            |
| 1484                | do 25...             | Thomas Noble.....        | do  | Port Dalhousie, Ont | do                            | 4 00            |
| 1485                | do 25...             | James Samuel Jones ....  | Mate, fore and aft,<br>inland waters.               | Port Maitland, Ont  | do                            | 2 00            |
| 1486                | do 25...             | John Sullivan .....      | Master, str. and fore<br>and aft, inland<br>waters. | St. Catharines, Ont | do                            | 4 00            |
| 1487                | do 25...             | John Alex. Graham .....  | Mate, fore and aft,<br>inland waters.               | Port Colborne, Ont  | do                            | 2 00            |
| 1488                | do 26...             | Patrick Kerwin .....     | Master, fore and aft,<br>inland waters.             | Sarnia, Ont.....    | do                            | 4 00            |
| 1489                | do 26...             | James Griffith.....      | do  | St. Catharines, Ont | do                            | 4 00            |
| 1490                | do 26...             | Robert McLaren.....      | do  | do                  | do                            | 4 00            |
| 1491                | do 25...             | William Lannen .....     | Mate, fore and aft,<br>inland waters.               | Sarnia, Ont.....    | Sarnia..                      | 2 00            |
| 1492                | do 25...             | William Austin Glass. .. | do  | do                  | do                            | 2 00            |
| 1493                | do 25...             | Henry Jos. Buckley ..... | do  | Courtright, Ont...  | do                            | 2 00            |
| 1494                | do 25...             | William Robt. McCreary.  | do  | Wallaceburg, Ont    | do                            | 2 00            |
| 1495                | do 25...             | John Edward Cooper.....  | do  | Sarnia, Ont.....    | do                            | 2 00            |
| 1496                | do 25...             | Martin Kerwin.....       | do  | do                  | do                            | 2 00            |

LIST of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                               | Address.            | When Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|--------------------------------------|---------------------|------------------------------|---------|
|                     |                      |                          |                                      |                     |                              | \$ cts. |
| 1497                | April 25...          | John Wm. Taylor.....     | Master, str., inland waters.         | Wallaceburg, Ont.   | Sarnia.....                  | 4 00    |
| 1498                | do 25...             | David Farquhar McRae...  | do ...                               | do ...              | do .....                     | 4 00    |
| 1499                | do 25...             | Lauchlin Morrison .....  | do ...                               | Sarnia, Ont.....    | do .....                     | 4 00    |
| 1500                | do 25...             | Samuel Arbaugh.....      | Mate, str., minor inland waters.     | Point Edward, Ont.  | do .....                     | 2 00    |
| 1501                | do 25...             | William Carroll.....     | do ...                               | do ...              | do .....                     | 2 00    |
| 1502                | do 25...             | James Wightman .....     | do ...                               | do ...              | do .....                     | 2 00    |
| 1503                | do 25...             | James Doig .....         | do ...                               | Sarnia, Ont .....   | do .....                     | 2 00    |
| 1504                | do 25...             | George Hardy Morden....  | Master, str., inland waters.         | Wallaceburg, Ont.   | do .....                     | 4 00    |
| 1505                | do 25...             | Andrew Steinhoff.....    | do ...                               | do ...              | do .....                     | 4 00    |
| 1506                | do 25...             | Edward Black Anderson.   | do ...                               | Sarnia, (Ont.....   | do .....                     | 4 00    |
| 1507                | do 26...             | James Anderson .....     | Master, fore and aft, inland waters. | do .....            | do .....                     | 4 00    |
| 1508                | do 26...             | Asa Ribble.....          | Master, str., inland waters.         | Dresden, Ont.....   | do .....                     | 4 00    |
| 1509                | do 26...             | James Bowie Symes.....   | do ...                               | Sarnia, Ont.....    | do .....                     | 4 00    |
| 1510                | do 26...             | Malcolm McLeod.....      | do ...                               | do .....            | do .....                     | 4 00    |
| 1511                | do 26...             | Philip Broderick.....    | Mate, str., inland waters.           | do .....            | do .....                     | 2 00    |
| 1512                | do 26...             | Peter Williams.....      | Master, str., inland waters.         | Windsor, Ont.....   | do .....                     | 4 00    |
| 1513                | do 26...             | James Hector McLean....  | Mate, str., minor inland waters.     | Wallaceburg, Ont.   | do .....                     | 2 00    |
| 1514                | do 26...             | Peter Lyon .....         | Master, fore and aft, inland waters. | Sarnia, Ont.....    | do .....                     | 4 00    |
| 1515                | do 26...             | Richard Wm. Dease.....   | do ...                               | Chatham, Ont.....   | do .....                     | 4 00    |
| 1516                | do 26...             | Harry Buckley.....       | do ...                               | Courtright, Ont.... | do .....                     | 4 00    |
| 1517                | do 26...             | Alexander Kieth.....     | do ...                               | Sarnia, Ont.....    | do .....                     | 4 00    |
| 1518                | do 26...             | Henry Chas. Taylor... .. | do ...                               | do .....            | do .....                     | 4 00    |
| 1519                | do 26...             | Stephen Lucas Waggoner   | do ...                               | do .....            | do .....                     | 4 00    |
| 1520                | do 26...             | Benjamin Henry Cooper.   | do ...                               | do .....            | do .....                     | 4 00    |
| 1521                | do 26...             | John Waggoner.....       | do ...                               | do .....            | do .....                     | 4 00    |
| 1522                | do 26...             | Alexander Farquharson.   | do ...                               | do .....            | do .....                     | 4 00    |
| 1523                | do 26...             | Thos. Edgar Clark.....   | do ...                               | do .....            | do .....                     | 4 00    |
| 1524                | do 26...             | Thos. Locke.....         | do ...                               | do .....            | do .....                     | 4 00    |

List of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.  | Address.            | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|---|---------------------|-------------------------------|---------|
|                     | 1884.                |                           |   |                     |                               | \$ cts. |
| 1525                | April 26...          | Edward Robertson.....     | Master, str., inland waters.                    | Sarnia, Ont.....    | Sarnia.....                   | 4 00    |
| 1526                | do 26...             | Isaac Becker.....         | do  | Port Rowan, Ont...  | do .....                      | 4 00    |
| 1527                | do 26...             | Jos. Alex. Glass.....     | Master, fore and aft, inland waters.            | Sarnia, Ont.....    | do .....                      | 4 00    |
| 1528                | do 26...             | Wm. Hendry.....           | Mate, str., inland waters.                      | Wallaceburg, Ont.   | do .....                      | 2 00    |
| 1529                | do 26...             | Peter Campbell Telfer.... | do  | Brooks, Ont.....    | do .....                      | 2 00    |
| 1530                | do 26...             | Wm. Anderson.....         | do  | Sarnia, Ont.....    | do .....                      | 2 00    |
| 1531                | do 26...             | Chas. Douglass Ross.....  | do  | do .....            | do .....                      | 2 00    |
| 1532                | do 26...             | Geo. Cruikshank.....      | Mate, str., minor, inland waters.               | Port Lambton, Ont   | do .....                      | 2 00    |
| 1533                | do 26...             | Malcolm McDonald.....     | Master, str., minor, inland waters.             | Wallaceburg, Ont.   | do .....                      | 4 00    |
| 1534                | do 26...             | Malcolm Sherwood.....     | do  | do .....            | do .....                      | 4 00    |
| 1535                | do 26...             | Joseph Lalonde.....       | do  | do .....            | do .....                      | 4 00    |
| 1536                | do 26...             | Jno. Wm. Booth.....       | do  | Port Lambton, Ont   | do .....                      | 4 00    |
| 1537                | do 26...             | Jno. Thos. Arthur Scott.. | do  | Mitchell's Bay, Ont | do .....                      | 4 00    |
| 1538                | do 26...             | Thos. Runciman.....       | do  | Dresden, Ont.....   | do .....                      | 4 00    |
| 1539                | do 26...             | Christopher Smith.....    | do  | Sarnia, Ont.....    | do .....                      | 4 00    |
| 1540                | do 26...             | John Scott.....           | do  | do .....            | do .....                      | 4 00    |
| 1541                | do 26...             | Jno. Geo. Kelly.....      | do  | Wallaceburg, Ont.   | do .....                      | 4 00    |
| 1542                | do 26...             | John Egan.....            | do  | Point Edward, Ont   | do .....                      | 4 00    |
| 1543                | do 26...             | Jas. Henry Warwick.....   | do  | Sarnia, Ont.....    | do .....                      | 4 00    |
| 1544                | do 26...             | Henry Taylor.....         | do  | Wallaceburg, Ont.   | do .....                      | 4 00    |
| 1545                | do 26...             | Wm. Amos Wiggins.....     | Master, fore and aft, inland waters.            | Port Burwell, Ont.  | do .....                      | 4 00    |
| 1546                | do 28...             | Mark Berry.....           | do  | Port Stanley, Ont.  | do .....                      | 4 00    |
| 1547                | do 28...             | Michael Jos. Dalton.....  | do  | St. Thomas, Ont...  | do .....                      | 4 00    |
| 1548                | do 28...             | Chas. McDermand.....      | do  | Port Burwell, Ont.  | do .....                      | 4 00    |
| 1549                | do 28...             | Louis Julian.....         | do  | Kingston, Ont.....  | do .....                      | 4 00    |
| 1550                | do 28...             | John Roberts.....         | Master, fore and aft, also str., inland waters. | St. Catharines, Ont | do .....                      | 4 00    |
| 1551                | do 26...             | John McDonald.....        | Mate, str., inland waters.                      | Sarnia, Ont.....    | do .....                      | 2 00    |
| 1552                | do 26...             | Samuel Geo. Scagel.....   | Mate, str., minor, inland waters.               | do .....            | do .....                      | 2 00    |

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| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                               | Address.             | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|--------------------------------------|----------------------|-------------------------------|---------|
|                     |                      |                          |                                      |                      |                               | \$ cts. |
| 1553                | April 26...          | Neil McDonald.....       | Master, (str., minor inland waters.  | Wallaceburg, Ont.    | Sarnia .....                  | 4 00    |
| 1554                | do 26...             | John Sheply.....         | do ...                               | do ...               | do .....                      | 4 00    |
| 1555                | do 26...             | Charles McDermand.....   | do ...                               | Dresden, Ont.....    | do .....                      | 4 60    |
| 1556                | do 26...             | Wm. Clifford Lee.....    | do ...                               | Wallaceburg, Ont.    | do .....                      | 4 00    |
| 1557                | do 26...             | Wm. Ransome Walker...    | do ...                               | Point Edward, Ont    | do .....                      | 4 00    |
| 1558                | do 26...             | Geo. Wm. Dickson.....    | do ...                               | do ...               | do .....                      | 4 00    |
| 1559                | do 26...             | James McAllister.....    | do ...                               | Sarnia, Ont.....     | do .....                      | 4 00    |
| 1560                | do 26...             | Edward Malcolm Thomas    | do ...                               | do .....             | do .....                      | 4 00    |
| 1561                | do 26...             | James May.....           | do ...                               | Point Edward, Ont    | do .....                      | 4 00    |
| 1562                | do 26...             | Duncan McGregor.....     | do ...                               | do ...               | do .....                      | 4 00    |
| 1563                | do 26...             | John Higgins.....        | do ...                               | do ...               | do .....                      | 4 00    |
| 1564                | do 26...             | Wm. Brownlee .....       | Master, fore and aft, inland waters. | Sarnia, Ont.....     | do .....                      | 4 00    |
| 1565                | do 26...             | John Steed Moore.....    | Master, str., inland waters.         | do .....             | Toronto.....                  | 4 00    |
| 1566                | do 26...             | Joseph Miller Logan..... | Master, str., minor inland waters.   | Morrisburg, Ont...   | Prescott.....                 | 4 00    |
| 1567                | do 18...             | Wm. McGinnis.....        | do ...                               | Port Colborne, Ont   | St. Catharines.               | 4 00    |
| 1568                | do 18...             | William Drennan.....     | do ...                               | Port Robinson, Ont   | do ...                        | 4 00    |
| 1569                | do 22...             | David McAllister.....    | do ...                               | Port Colborne, Ont   | do ...                        | 4 00    |
| 1570                | do 18...             | John Able.....           | do ...                               | Port Dalhousie, Ont  | do ...                        | 4 00    |
| 1571                | do 18...             | Joseph Miller.....       | do ...                               | Dunville, Ont.....   | do ...                        | 4 00    |
| 1572                | do 19...             | Geo. Offspring.....      | do ...                               | Port Robinson, Ont   | do ...                        | 4 00    |
| 1573                | do 18...             | John Miller.....         | Master, str., inland waters.         | Dunville, Ont.....   | do ...                        | 4 00    |
| 1574                | do 18...             | Humphrey Chas. Julian.   | Master, str., minor inland waters.   | Port Dalhousie, Ont  | do ...                        | 4 00    |
| 1575                | do 18...             | John Armstrong.....      | do ...                               | Port Colborne, Ont   | do ...                        | 4 00    |
| 1576                | do 19...             | John Poor.....           | do ...                               | Wellsand, Ont.....   | do ...                        | 4 00    |
| 1577                | do 19...             | William Broom .....      | do ...                               | Port Colborne, Ont.  | do ...                        | 4 00    |
| 1578                | do 19...             | Jno. Mathews.....        | do ...                               | do ...               | do ...                        | 4 00    |
| 1579                | do 19...             | Jno. Clifford .....      | do ...                               | St. Catharines, Ont. | do ...                        | 4 00    |
| 1580                | do 19...             | Jas. Saurin .....        | do ...                               | Port Colborne, Ont.  | do ...                        | 4 00    |
| 1581                | do 22...             | Wm. Kingston.....        | do ...                               | do ...               | do ...                        | 4 00    |

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Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.  | Address.                | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|---|-------------------------|-------------------------------|---------|
|                     | 1884.                |                          |   |                         |                               | \$ cts. |
| 1582                | April 22...          | Martin Cloy .....        | Master, str., minor inland waters.                                  | Thorold, Ont. ....      | St. Catharines.               | 4 00    |
| 1583                | do 23...             | Wm. R. Vashinder.....    | do  | Welland, Ont.....       | do                            | 4 00    |
| 1584                | do 22...             | George Ross.....         | do  | Port Robinson, Ont      | do                            | 4 00    |
| 1585                | do 22...             | Jas. W. McCoppin .....   | do  | Port Colborne, Ont.     | do                            | 4 00    |
| 1586                | do 22...             | Hy. Malvern Mawdesley..  | do  | Thorold, Ont. ....      | do                            | 4 00    |
| 1587                | do 18...             | Henry Cook .....         | do  | Port Colborne, Ont.     | do                            | 4 00    |
| 1588                | do 18...             | James Noble.....         | do  | Port Dalhousie, Ont     | do                            | 4 00    |
| 1589                | do 18...             | Wm. Ross .....           | do  | Port Robinson, Ont      | do                            | 4 00    |
| 1590                | do 18...             | Wm. Wright.....          | do  | Port Colborne, Ont.     | do                            | 4 00    |
| 1591                | do 18...             | Robt. Maines .....       | do  | do                      | do                            | 4 00    |
| 1592                | do 19...             | Wm. Hepburn Rooth.....   | do  | do                      | do                            | 4 00    |
| 1593                | do 18...             | Alex. Latimer Grisdale.. | do  | Port Robinson, Ont      | do                            | 4 00    |
| 1594                | do 22...             | John Ross .....          | do  | do                      | do                            | 4 00    |
| 1595                | do 29...             | Wm. F. Williams .....    | Mate, square rig, coasting.   | Port Hawkesbury, N.S.   | Halifax .....                 | 2 00    |
| 1596                | do 29...             | Benjamin Goodwin .....   | Master, fore and aft, coasting.                                     | Cape Sable Island, N.S. | do                            | 4 00    |
| 1597                | do 29...             | Jas. Robt. McDonald..... | do  | Halifax, N.S.....       | do                            | 4 00    |
| 1598                | do 29...             | Rufus Hines .....        | do  | Yarmouth, N.S.....      | do                            | 4 00    |
| 1599                | do 29...             | James Philpot.....       | do  | Port Hawkesbury, N.S.   | do                            | 4 00    |
| 1600                | do 29...             | Jno. Hewitt Thorburn.... | do  | Jordan Bay, N.S...      | do                            | 4 00    |
| 1601                | do 29...             | Jas. Ed. Hadley .....    | do  | Guysboro', N.S.....     | do                            | 4 00    |
| 1602                | do 26...             | Robt. Newman.....        | Mate, str., minor inland waters; also mate of str. on Lake Ontario. | Toronto, Ont. ....      | Toronto .....                 | 2 00    |
| 1603                | do 25...             | Jas. McAllan, jun .....  | Mate, str., inland waters.  | do                      | do                            | 2 00    |
| 1604                | do 25...             | Thos. Harbottle .....    | Master, str., inland waters.  | do                      | do                            | 4 00    |
| 1605                | do 25...             | Thos. Lundy, jun. ....   | do  | do                      | do                            | 4 00    |
| 1606                | do 25...             | James T. Mathews .....   | do  | do                      | do                            | 4 00    |
| 1607                | do 25...             | Mossom Martin Boyd.....  | Master, str., minor inland waters.                                  | Bobcaygeon, Ont..       | do                            | 4 00    |
| 1608                | do 25...             | Richard D. Simpson.....  | do  | Owen Sound, Ont.        | do                            | 4 00    |
| 1609                | do 25...             | David Mitchell.....      | do  | Hamilton, Ont.....      | do                            | 4 00    |

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| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                                     | Address.                 | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--|--------------------------|-------------------------------|---------|
|                     | 1884.                |                           |  |                          |                               | \$ cts. |
| 1610                | April 25...          | Henry Pierce.....         | Master, str., minor inland waters.         | Collingwood, Ont.        | Toronto .....                 | 4 00    |
| 1611                | do 25...             | Jas. Johnson.....         | do   | Bobcaygeon, Ont..        | do .....                      | 4 00    |
| 1612                | do 25...             | John Goldthorp.....       | do   | Toronto, Ont. ....       | do .....                      | 4 00    |
| 1613                | do 25...             | Maurice Lane .....        | do   | Bobcaygeon, Ont..        | do .....                      | 4 00    |
| 1614                | do 25...             | Wm. Henry Forster.....    | do   | Toronto, Ont. ....       | do .....                      | 4 00    |
| 1615                | do 25...             | Jas. Keith Harbottle..... | do   | do .....                 | do .....                      | 4 00    |
| 1616                | do 25...             | Lachlan Johnston.....     | do   | Barrie, Ont.....         | do .....                      | 4 00    |
| 1617                | do 25...             | Price Brown.....          | do   | Toronto, Ont. ....       | do .....                      | 4 00    |
| 1618                | do 25...             | Francis Scott.....        | do   | Collingwood, Ont.        | do .....                      | 4 00    |
| 1619                | do 25...             | Fremont Crandell.....     | do   | Fenelon Falls, Ont.      | do .....                      | 4 00    |
| 1620                | do 25...             | Thos. Lundy.....          | do   | Toronto, Ont. ....       | do .....                      | 4 00    |
| 1621                | do 25...             | Alexander Hamilton .....  | do   | Bobcaygeon, Ont..        | do .....                      | 4 00    |
| 1622                | do 25...             | Edward Smith .....        | do   | Lindsay, Ont. ....       | do .....                      | 4 00    |
| 1623                | do 25...             | Jas. Grieve Tate .....    | do   | Penetanguishene,<br>Ont. | do .....                      | 4 00    |
| 1624                | do 25...             | Jos. Parkin .....         | do   | Lindsay, Ont. ....       | do .....                      | 4 00    |
| 1625                | do 25...             | Henry Jeffrey .....       | Master, fore and aft, inland waters.       | Windsor, Ont. ....       | Windsor.....                  | 4 00    |
| 1626                | do 26...             | Henry Ryan Monck.....     | do   | Port Colborne, Ont       | Toronto .....                 | 4 00    |
| 1627                | do 26...             | Frederic Johnson.....     | Mate, fore and aft, inland waters.         | Penetanguishene,<br>Ont. | do .....                      | 2 00    |
| 1628                | do 26...             | Dennis McMullin.....      | do   | Toronto, Ont. ....       | do .....                      | 2 00    |
| 1629                | do 26...             | George Towers.....        | do   | Hamilton, Ont. ....      | do .....                      | 2 00    |
| 1630                | do 26...             | John McLennan.....        | do   | Toronto, Ont. ....       | do .....                      | 2 00    |
| 1631                | do 26...             | Wm. Smith .....           | do   | do .....                 | do .....                      | 2 00    |
| 1632                | do 26...             | Morgan Collins .....      | Mate, str., minor inland waters.           | Bobcaygeon, Ont..        | do .....                      | 2 00    |
| 1633                | do 26...             | Walter McNabb.....        | do   | Toronto, Ont. ....       | do .....                      | 2 00    |
| 1634                | do 26...             | Louis Jos. Skelly.. ..    | do   | do .....                 | do .....                      | 2 00    |
| 1635                | do 26...             | John Fraser .....         | Master, str., inland waters.               | Windsor, Ont. ....       | Windsor.....                  | 4 00    |
| 1636                | do 25...             | Adolphe Sauvageau.....    | Master, fore and aft, minor inland waters. | Champlain, Que ...       | Montreal .....                | 4 00    |
| 1637                | do 25...             | Alfred Morin.....         | do   | do .....                 | do .....                      | 4 00    |

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|---------------------|----------------------|-------------------------|--|---------------------------------|-------------------------------|---------|
|                     | 1884.                |                         |  |                                 |                               | \$ cts. |
| 1638                | April 25...          | Michel Clarke .....     | Mate, str., inland waters.                         | Dickenson's Land-<br>ing, Ont.  | Kingston .....                | 2 00    |
| 1639                | do 24...             | Alex. Allan McKenzie... | Master, fore and aft,<br>inland waters.            | Kingston, Ont.....              | do .....                      | 4 00    |
| 1640                | do 25...             | Frs. Murphy .....       | Mate, fore and aft,<br>inland waters.              | do ...                          | do .....                      | 2 00    |
| 1641                | May 3...             | Jos. Kennedy.....       | Master, fore and aft,<br>inland waters.            | do ...                          | do .....                      | 4 00    |
| 1642                | do 3...              | Luke O'Reily.....       | do ...   | do ...                          | do .....                      | 4 00    |
| 1643                | do 3...              | John Crowley.....       | Mate, fore and aft,<br>inland waters.              | do ...                          | do .....                      | 2 00    |
| 1644                | do 3...              | Chs. Gillard.....       | do ...   | Port Dalhousie,<br>Ont.         | do .....                      | 2 00    |
| 1645                | April 25...          | Flavien Morin.....      | Master, fore and aft,<br>minor inland wa-<br>ters. | Ste. Anne de la<br>Pérade, Que. | Montreal .....                | 4 00    |
| 1646                | do 25...             | Wilfred Carpentier..... | do ...   | Champlain, Que...               | do .....                      | 4 00    |
| 1647                | do 25...             | Camille Champagne.....  | do ...   | Lanoraie, Que.....              | do .....                      | 4 00    |
| 1648                | do 25...             | Néré Petit.....         | do ...   | Champlain, Que...               | do .....                      | 4 00    |
| 1649                | do 25...             | Adelma Hamelin.....     | do ...   | Grondines, Que....              | do .....                      | 4 00    |
| 1650                | do 25...             | Nap. Dussault.....      | do ...   | St. Croix, Que.....             | do .....                      | 4 00    |
| 1651                | do 25...             | Ferdinand Quintal.....  | do ...   | Boucherville, Que.              | do .....                      | 4 00    |
| 1652                | do 25...             | Maurice Delisle.....    | do ...   | Montreal, Que.....              | do .....                      | 4 00    |
| 1653                | do 25...             | Zenophile Hamelin.....  | do ...   | Grondines, Que....              | do .....                      | 4 00    |
| 1654                | do 25...             | David Hamelin.....      | do ...   | Champlain, Que ...              | do .....                      | 4 00    |
| 1655                | do 25...             | Adolphe Marchand .....  | do ...   | do ...                          | do .....                      | 4 00    |
| 1656                | do 21...             | Alexander Arcand .....  | do ...   | Grondines, Que....              | do .....                      | 4 00    |
| 1657                | do 25...             | Félix Paré.....         | do ...   | Montreal, Que.....              | do .....                      | 4 00    |
| 1658                | do 25...             | Edmond Sauvageau.....   | do ...   | Champlain, Que...               | do .....                      | 4 00    |
| 1659                | do 25...             | Jos. Durand .....       | do ...   | do ...                          | do .....                      | 4 00    |
| 1660                | do 24...             | Geo. Nelson .....       | Master, str., minor<br>inland waters.              | Sorel, Que. ....                | do .....                      | 4 00    |
| 1661                | do 24...             | Jos. Gervais .....      | do ...   | do .....                        | do .....                      | 4 00    |
| 1662                | do 24...             | Michel Fournier .....   | do ...   | Coteau Land-<br>ing, Que.       | do .....                      | 4 00    |
| 1663                | do 24...             | Xavier Laviolette ..... | Mate, str., minor<br>inland waters.                | St. Ours, Que. ....             | do .....                      | 2 00    |
| 1664                | do 24...             | Medard Demers .....     | Master, str., minor<br>inland waters.              | Laprairie, Que.....             | do .....                      | 4 00    |
| 1665                | do 24...             | Stephen St. Onge .....  | do ...   | Lachine, Que. ....              | do .....                      | 4 00    |

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|---------------------|----------------------|---------------------------|--|-------------------------------|-------------------------------|---------|
|                     |                      |                           |  |                               |                               | \$ cts. |
| 1666                | April 24...          | Urgel Brunet .....        | Master, str., minor inland waters.         | Lachine, Que .....            | Montreal. ....                | 4 00    |
| 1667                | do 24...             | Samuel Gervais.....       | Mate, str., minor inland waters.           | Laprairie, Que.....           | do .....                      | 2 00    |
| 1668                | do 24...             | Hormidas Lepine.....      | Master, str., minor inland waters.         | Pointe Claire, Que.           | do .....                      | 4 00    |
| 1669                | do 24...             | Jos. Rainfrette.....      | Mate, str., minor inland waters.           | Coteau Landing, Que.          | do .....                      | 2 00    |
| 1670                | do 25...             | Heliodore Mandeville....  | Master, str., minor inland waters.         | Mile End, Montreal            | do .....                      | 4 00    |
| 1671                | do 25...             | Louis Oct. Boucher.....   | do .....                                   | Sorel, Que .....              | do .....                      | 4 00    |
| 1672                | do 25...             | James Cain.....           | do .....                                   | Lachine, Que.....             | do .....                      | 4 00    |
| 1673                | do 25...             | Eugène Brunelle.....      | Mate, str., minor inland waters.           | Champlain, Que ...            | do .....                      | 2 00    |
| 1674                | do 25...             | Alphonse Lepine .....     | do .....                                   | Pointe Claire, Que            | do .....                      | 2 00    |
| 1675                | do 25...             | Isidore Lefebvre.....     | do .....                                   | do .....                      | do .....                      | 2 00    |
| 1676                | do 25...             | François Crépeau .....    | Master, str., minor inland waters.         | Sorel, Que.....               | do .....                      | 4 00    |
| 1677                | do 25...             | François Art. Garcean ... | do .....                                   | Louisville, Que. ...          | do .....                      | 4 00    |
| 1678                | do 25...             | Alex. Gignac .....        | do .....                                   | Champlain, Que....            | do .....                      | 4 00    |
| 1679                | do 24 ..             | Jean Baptiste Lalonde ... | Mate, str., minor inland waters.           | Curran, Ont .....             | do .....                      | 2 00    |
| 1680                | do 24...             | Paul Roch .....           | Master, fore and aft, minor inland waters. | Berthier en haut, Que.        | do .....                      | 4 00    |
| 1681                | do 24...             | Arthur Tousant .....      | do .....                                   | Champlain, Que ...            | do .....                      | 4 00    |
| 1682                | do 24...             | Louis St. Louis, jun..... | Master, str., minor inland waters.         | Sorel, Que.....               | do .....                      | 4 00    |
| 1683                | do 24...             | André Bertrand .....      | do .....                                   | Lachine, Que. ....            | do .....                      | 4 00    |
| 1684                | do 24...             | Cléophas Guérin.....      | Mate, str., minor inland waters.           | Laprairie, Que.....           | do .....                      | 2 00    |
| 1685                | do 24...             | Regis Latraverse.....     | Master, str., minor inland waters.         | Sorel, Que... ..              | do .....                      | 4 00    |
| 1686                | May 1...             | Alfred Tremblay.....      | Master, square rig, coasting.              | Montmagny, Que...             | Quebec. ....                  | 4 00    |
| 1687                | do 1...              | Napoléon Pagé .....       | Master, str., coasting.                    | Portneuf, Que.....            | do .....                      | 2 00    |
| 1688                | do 1...              | Isaac Gourdeau .....      | do .....                                   | St. Petronile, Que..          | do .....                      | 2 00    |
| 1689                | do 1...              | Lazare Alland.....        | do .....                                   | Carleton, Que .....           | do .....                      | 2 00    |
| 1690                | do 1...              | Frs. Xav. Rivard.....     | Master, fore and aft, minor inland waters. | Gronelines, Que. ...          | do .....                      | 4 00    |
| 1691                | do 1...              | Rezaine Brisson.....      | do .....                                   | St. Pierre les Becquets, Que. | do .....                      | 4 00    |
| 1692                | do 1...              | Jos. Paquet .....         | do .....                                   | Gronelines, Que....           | do .....                      | 4 00    |



## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificates. | Date of Certificate. | Name.                    | Grade.                                   | Address.                     | Where Examination was Passed. | Fee.    |
|----------------------|----------------------|--------------------------|--|------------------------------|-------------------------------|---------|
|                      | 1884.                |                          |  |                              |                               | \$ cts. |
| 1693                 | May 1...             | Mathias Abel .....       | Master, str., minor inland waters.       | Lotbinière, Que. ...         | Quebec .....                  | 4 00    |
| 1694                 | do 1...              | Pierre Lefaiivre .....   | do                                       | Deschambault, Que            | do .....                      | 4 00    |
| 1695                 | April 30...          | Elucipe Bélanger .....   | do                                       | Lotbinière, Que...           | do .....                      | 4 00    |
| 1696                 | do 30...             | Obert Naud .....         | do                                       | Deschambault, Que            | do .....                      | 4 00    |
| 1697                 | do 30...             | Theodore Chabot .....    | do                                       | Village N.-Dame, Lévis, Que. | do .....                      | 4 00    |
| 1698                 | do 30...             | Samuel Jno Robertson...  | Master, fore and aft, coasting.          | Berthier <i>en bas</i> , Que | do .....                      | 4 00    |
| 1699                 | do 30...             | Thos. Riverin .....      | do                                       | Murray Bay, Que.             | do .....                      | 4 00    |
| 1700                 | do 30...             | Gilbert McNeil .....     | do                                       | St. Valier, Que ...          | do .....                      | 4 00    |
| 1701                 | do 30...             | Louis Fournier .....     | do                                       | St. Thomas, Que...           | do .....                      | 4 00    |
| 1702                 | do 30...             | Jos. Regis LeBlanc ..... | do                                       | Kamouraska, Que.             | do .....                      | 4 00    |
| 1703                 | do 30...             | Lambert Richard .....    | do                                       | Cap St. Ignace, Que          | do .....                      | 4 00    |
| 1704                 | do 30...             | Jos. Bergeron .....      | do                                       | Les Eboulements, Que.        | do .....                      | 4 00    |
| 1705                 | do 30...             | Onesime Rivard .....     | do                                       | Grondines, Que...            | do .....                      | 4 00    |
| 1706                 | do 30...             | Isaac Smith .....        | Master, str., minor inland waters.       | Onslow, Que.....             | Ottawa.....                   | 4 00    |
| 1707                 | do 30...             | Telesphore Rivard .....  | Master, fore and aft, coasting.          | Grondines, Que...            | Quebec.....                   | 4 00    |
| 1708                 | May 1...             | Ovide Gagnon .....       | Master, str. and fore and aft, coasting. | Les Eboulements, Que.        | do .....                      | 4 00    |
| 1709                 | do 1...              | Eugenie Fournier .....   | do                                       | St. Thomas, Que...           | do .....                      | 4 00    |
| 1710                 | do 1...              | Eugène Hammond.....      | Master, str., coasting.                  | do                           | do .....                      | 4 00    |
| 1711                 | April 25...          | Wm. Stalker .....        | Master, fore and aft, inland waters.     | Leskard, Ont .....           | Toronto .....                 | 4 00    |
| 1712                 | do 28...             | Patrick Duggan .....     | Master, str., inland waters.             | Pembroke, Ont ...            | do .....                      | 4 00    |
| 1713                 | do 28...             | Jas. H. Titus .....      | Master, fore and aft, inland waters.     | Toronto, Ont .....           | do .....                      | 4 00    |
| 1714                 | do 28...             | Fred. Frank.....         | do                                       | do                           | do .....                      | 4 00    |
| 1715                 | do 28...             | James Blake.....         | do                                       | do                           | do .....                      | 4 00    |
| 1716                 | do 28...             | Jno. Hatherly Way.....   | do                                       | Whitby, Ont.....             | do .....                      | 4 00    |
| 1717                 | do 28...             | Jno. Irvine .....        | do                                       | Hamilton, Ont.....           | do .....                      | 4 00    |
| 1718                 | do 28...             | Arthur Clarkson.....     | do                                       | Toronto, Ont .....           | do .....                      | 4 00    |
| 1719                 | do 28...             | Dan. M. Sharp.....       | do                                       | do                           | do .....                      | 4 00    |
| 1720                 | do 26...             | Wm. Hague Allison.....   | Master, str., minor inland waters.       | Morrisburg, Ont ...          | Prescott .....                | 4 00    |

List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.  | Address.                          | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|---|-----------------------------------|-------------------------------|---------|
|                     |                      |                           |   |                                   |                               | \$ cts. |
| 1721                | April 26...          | Thos. Ansley McDermand    | Master, fore and aft, inland waters.                | Sarnia, Ont. ....                 | Sarnia .....                  | 4 00    |
| 1722                | May 1...             | Antoine Mailhot .....     | Master, fore and aft, minor inl'd waters.           | St. Jean de Chail-<br>lons, Que.  | Quebec .....                  | 4 00    |
| 1723                | do 1...              | Honoré Dussault.....      | Master, fore and aft and str., minor inland waters. | St. Petronile, Que.               | do .....                      | 4 00    |
| 1724                | do 1...              | Joseph Hardy .....        | do ..   | New Liverpool, Que                | do .....                      | 4 00    |
| 1725                | do 1...              | Noé Rivard .....          | do ..   | Grondines, Que ...                | do .....                      | 4 00    |
| 1726                | do 1...              | Joseph Auger .....        | Master, fore and aft, minor inland waters.          | Ste. Anne de la Pêrade, Que.      | do .....                      | 4 00    |
| 1727                | do 1...              | Philippe Carette .....    | do ..   | St. Jean des Chail-<br>lons, Que. | do .....                      | 4 00    |
| 1728                | do 1...              | Jean Baptiste Houde ...   | do ..   | do ..                             | do .....                      | 4 00    |
| 1729                | do 1...              | André Laroche .....       | do ..   | do ..                             | do .....                      | 4 00    |
| 1730                | do 1...              | Hypolite Germain .....    | do ..   | Montreal, Que ....                | do .....                      | 4 00    |
| 1731                | do 1...              | Narcisse Paquet .....     | do ..   | Deschambault, Que                 | do .....                      | 4 00    |
| 1732                | do 1...              | Liboire Perreault .....   | do ..   | do ..                             | do .....                      | 4 00    |
| 1733                | do 1...              | Hercule Germain .....     | do ..   | Cap Santé, Que. ...               | do .....                      | 4 00    |
| 1734                | April 30...          | Michel Auger .....        | do ..   | St Jean des Chail-<br>lons, Que.  | do .....                      | 4 00    |
| 1735                | do 30...             | Noel Lefebvre .....       | do ..   | Deschambault, Que                 | do .....                      | 4 00    |
| 1736                | do 30...             | James Neill .....         | Master, str., coast-<br>ing.                        | Victoria, B.C. ....               | Victoria .....                | 4 00    |
| 1737                | do 30...             | Roderick Miles Easton.... | Master, str., minor inland waters.                  | Ottawa, Ont .....                 | Ottawa .....                  | 4 00    |
| 1738                | do 30...             | Robt. Dickson .....       | Master, fore and aft, coasting.                     | Moncton, N.B.....                 | St. John.....                 | 4 00    |
| 1739                | May 7...             | Alexander Crowell.....    | do ..   | Barrington, N.S....               | Halifax.....                  | 4 00    |
| 1740                | do 7...              | Jno. Alex. McNeil.....    | do ..   | Isaac Harbor, N.S.                | do .....                      | 4 00    |
| 1741                | do 7...              | Jacob Val. Robblee.....   | do ..   | Granville, N.S.....               | Annapolis.....                | 4 00    |
| 1742                | do 7...              | Geo. E. Johnson.....      | do ..   | Lower Granville,<br>N.S.          | Cornwallis ...                | 4 00    |
| 1743                | do 8...              | Jno. McCuish .....        | Master, square rig, coasting.                       | Halifax, N.S.....                 | Halifax .....                 | 4 00    |
| 1744                | do 8...              | Western Crocker.....      | Master, fore and aft, coasting.                     | Hopewell, N.B.....                | St. John.....                 | 4 00    |
| 1745                | do 8...              | David Thos. Alexander..   | do ..   | Alma, N.B.....                    | do .....                      | 4 00    |
| 1746                | do 8...              | Amos Hicks .....          | do ..   | Sackville, N.B.....               | do .....                      | 4 00    |
| 1747                | do 8...              | William Tower .....       | do ..   | Rockport, N.B.....                | do .....                      | 4 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                                   | Address.                          | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|--|-----------------------------------|-------------------------------|---------|
|                     | 1884.                |                          |  |                                   |                               | \$ cts. |
| 1748                | May 8...             | Stephen Apt.....         | Master, str., minor inland waters.       | Westfield, N.B.....               | St. John .....                | 4 00    |
| 1749                | do 9...              | Jas. Allison .....       | do ..                                    | Morrisburg, Ont....               | Ottawa.....                   | 4 00    |
| 1750                | do 9...              | Chas. Martin .....       | do ..                                    | Waubashene, Ont.                  | Toronto .....                 | 4 00    |
| 1751                | do 9...              | Frank Marion Hartman...  | do ..                                    | do ..                             | do .....                      | 4 00    |
| 1752                | do 9...              | Philip Stotts .....      | do ..                                    | Toronto, Ont.....                 | do .....                      | 4 00    |
| 1753                | do 9...              | Edwin Sidney Stanton...  | do ..                                    | do .....                          | do .....                      | 4 00    |
| 1754                | do 9...              | Jesse Hinton .....       | Mate, fore and aft, inland waters.       | do .....                          | do .....                      | 2 00    |
| 1755                | do 9...              | Jno. Firth.....          | do ..                                    | Port Colborne, Ont.               | do .....                      | 2 00    |
| 1756                | do 9...              | William Thorne.....      | do ..                                    | Toronto, Ont.....                 | do .....                      | 2 00    |
| 1757                | do 10...             | Michael Corcoran.....    | Master, str., minor inland waters.       | do .....                          | St. Catharines.               | 2 00    |
| 1758                | do 10...             | Daniel Murray.....       | Mate, fore and aft, inland waters.       | St. Catharines, Ont               | do ..                         | 2 00    |
| 1759                | do 10...             | Thos. Noonan.....        | Mate, str., minor inland waters.         | Toronto, Ont.....                 | do ..                         | 2 00    |
| 1760                | do 10...             | Geo. Alen. Phillips..... | Master, str., minor inland waters.       | Doiset P.O., Muskoka Dis't., Ont. | do ..                         | 4 00    |
| 1761                | do 5...              | Joseph Alexandre.....    | Master, fore and aft, min'r inl'd waters | Champlain, Que...                 | Three Rivers...               | 4 00    |
| 1762                | do 5...              | Fabien de Langies.....   | do ..                                    | do ..                             | do ..                         | 4 00    |
| 1763                | do 5...              | Onésime Jourdain.....    | do ..                                    | do ..                             | do ..                         | 4 00    |
| 1764                | do 5...              | Louis Tousant.....       | do ..                                    | do ..                             | do ..                         | 4 00    |
| 1765                | do 5...              | Jos. Marchand.....       | do ..                                    | do ..                             | do ..                         | 4 00    |
| 1766                | do 5...              | Louis Lacroix.....       | do ..                                    | do ..                             | do ..                         | 4 00    |
| 1767                | do 5...              | Onésime Vezina.....      | do ..                                    | do ..                             | do ..                         | 4 00    |
| 1768                | do 5...              | Auguste Toupin.....      | do ..                                    | do ..                             | do ..                         | 4 00    |
| 1769                | do 6...              | Edmond Sauvageau.....    | do ..                                    | do ..                             | do ..                         | 4 00    |
| 1770                | do 6...              | Louis Sauvageau.....     | do ..                                    | do ..                             | do ..                         | 4 00    |
| 1771                | do 6...              | Hercules Carpentier..... | do ..                                    | do ..                             | do ..                         | 4 00    |
| 1772                | do 6...              | Trefflé Julien.....      | do ..                                    | Ste. Anne de la Pérade, Que.      | do ..                         | 4 00    |
| 1773                | do 6...              | Eusébe Lacoursière.....  | do ..                                    | Batiscan, Que.....                | do ..                         | 4 00    |
| 1774                | do 6...              | Louis Bertrand.....      | do ..                                    | Champlain, Que...                 | do ..                         | 4 00    |
| 1775                | do 6...              | Jos. Bertrand.....       | do ..                                    | do ..                             | do ..                         | 4 00    |
| 1776                | do 6...              | Alphonse Cossette.....   | do ..                                    | do ..                             | do ..                         | 4 00    |

LIST of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificat. | Name.                    | Grade.                                       | Address.                             | Where Examination was Passed. | Fee.    |
|---------------------|---------------------|--------------------------|--|--------------------------------------|-------------------------------|---------|
|                     | 1884.               |                          |  |                                      |                               | \$ cts. |
| 1777                | May 6...            | Alfred Patry.....        | Master, fore and aft,<br>min'r inland waters | Ste. Emilie de Lot-<br>biniè e. Que. | Three Rivers...               | 4 00    |
| 1778                | do 5...             | Louis Marchand.....      | do   | Champlain, Que...                    | do                            | 4 00    |
| 1779                | do 5...             | Jos. Duval.....          | do   | Nicolet, Que.....                    | do                            | 4 00    |
| 1780                | do 5...             | Chas. Bourgeois.....     | do   | Ste. Angèle de<br>Laval, Que.        | do                            | 4 00    |
| 1781                | do 5...             | Jos. Bourgeois.....      | do   | do                                   | do                            | 4 00    |
| 1782                | do 5...             | Gideon Gagné.....        | Master, fore and aft,<br>minor coasting.     | Les 'Eboulements,<br>Que.            | do                            | 4 00    |
| 1783                | do 5...             | Isaac Fougère.....       | Master, square rig,<br>coasting.             | Arichat West, N.S.                   | Halifax.....                  | 4 00    |
| 1784                | do 5...             | Donald Morrisson.....    | Mate, fore and aft,<br>coasting.             | Louisburg, N.S.....                  | do                            | 2 00    |
| 1785                | do 5...             | Wm. O'Mara.....          | Master, fore and aft,<br>inland waters.      | Smith's Falls, Ont.                  | Ottawa.....                   | 4 00    |
| 1786                | do 5...             | Alex. Allan.....         | Master, str., minor<br>inland waters.        | Smith's Falls, Ont.                  | Ottawa.....                   | 4 00    |
| 1787                | do 5...             | Geo. Brooker.....        | do   | Dunville, Ont. ....                  | St. Catharines                | 4 00    |
| 1788                | do 5...             | Henry McDonald.....      | do   | Port Perry, Ont....                  | do                            | 4 00    |
| 1789                | do 6...             | Wm. Hartwill Downie....  | Master, fore and aft,<br>coasting.           | Jordan Bay, N.S....                  | Halifax.....                  | 4 00    |
| 1790                | do 6...             | Frank Thos. Robblee..... | Master, square rig,<br>coasting.             | Granville, N.S.....                  | do                            | 2 00    |
| 1791                | do 6...             | Augustus Cuttler Davis   | Master, str., minor<br>inland waters.        | Onslow, P.O., Que.                   | Ottawa.....                   | 4 00    |
| 1792                | do 3...             | Jean Chapdelaine.....    | do   | Sorel, Que.....                      | Sorel.....                    | 4 00    |
| 1793                | do 3...             | Louis Morasse.....       | do   | do                                   | do                            | 4 00    |
| 1794                | do 3...             | Leon Lavallée.....       | do   | do                                   | do                            | 4 00    |
| 1795                | do 3...             | Henry Côté, jun.....     | do   | St. Ours, Que.....                   | do                            | 4 00    |
| 1796                | do 3...             | Cyrille Provencher.....  | do   | Sorel, Que.....                      | do                            | 4 00    |
| 1797                | do 3...             | Edward Bondy.....        | do   | do                                   | do                            | 4 00    |
| 1798                | do 3...             | François Perron.....     | do   | do                                   | do                            | 4 00    |
| 1799                | do 2...             | Hector Beaudette.....    | do   | St Jean des Chail-<br>lons, Que.     | do                            | 4 00    |
| 1800                | do 2...             | Etienne Monarque.....    | do   | Sorel, Que.....                      | do                            | 4 00    |
| 1801                | do 2...             | Isaïe Beaudry.....       | do   | do                                   | do                            | 4 00    |
| 1802                | do 2...             | Pierre Lavallée.....     | do   | do                                   | do                            | 4 00    |
| 1803                | do 2...             | Emmanuel Crépeau.....    | do   | do                                   | do                            | 4 00    |
| 1804                | do 2...             | Pierre Philippe Rajotte  | do   | do                                   | do                            | 4 00    |
| 1805                | do 2...             | Michel Lavallée.....     | do   | do                                   | do                            | 4 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.   | Address.              | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|--|-----------------------|-------------------------------|---------|
| 1806                | May 2...             | Louis Montgrain.....     | Master, str, minor inland waters.                        | Champlain, Que....    | Sorel.....                    | \$ 4 00 |
| 1807                | do 2..               | Napoléon Collette. ....  | do ...   | Verchères, Que....    | do .....                      | 4 00    |
| 1808                | April 30...          | Jas. Edwd. Masters ..... | Mate, square rig, coasting.                              | Somerville, N.S....   | Halifax.....                  | 2 00    |
| 1809                | May 1...             | Nazaire Mathurin.....    | Master, str. and fore and aft, coasting.                 | St. Thomas, Que...    | Quebec .....                  | 4 00    |
| 1810                | do 1...              | Jos. Brown .....         | Master, str., coasting.                                  | Montreal, Que.....    | do .....                      | 4 00    |
| 1811                | do 2...              | Benjamin Ladebauche....  | Mate, str., minor inland waters.                         | Sorel, Que.....       | Sorel .....                   | 2 00    |
| 1812                | do 2...              | Louis Ladebauche.....    | do ...   | do .....              | do .....                      | 2 00    |
| 1813                | do 2...              | Denis Richard .....      | Master, fore and aft, minor inl'd waters.                | do .....              | do .....                      | 4 00    |
| 1814                | do 2...              | Laurent Lagassé.....     | Master, str., minor inland waters.                       | do .....              | do .....                      | 4 00    |
| 1815                | do 2...              | Gonzague Lafrenière..... | do ...   | do .....              | do .....                      | 4 00    |
| 1816                | do 2...              | Paul Pollett.....        | Master, fore and aft, min. inl'd. waters                 | do .....              | do .....                      | 4 00    |
| 1817                | do 2...              | Jos. Laforest.....       | do ...   | do .....              | do .....                      | 4 00    |
| 1818                | do 2...              | Alf. Vigneault.....      | do ...   | St. Grégoire, Que.    | do .....                      | 4 00    |
| 1819                | do 2...              | Louis Noël.....          | Master, str., minor inland waters.                       | Aylmer, Que.....      | Ottawa.....                   | 4 00    |
| 1820                | do 2...              | Alfred Perron. ....      | do ...   | Laprairie, Que.....   | Sorel. ....                   | 4 00    |
| 1821                | do 2...              | Jean B. Ladebauche.....  | Mate, str., minor inland waters.                         | Sorel, Que.....       | do .....                      | 2 00    |
| 1822                | do 13...             | Thadée Lachance.....     | Master, str., minor inland waters, & fore & aft, coast'g | Point Lévis, Que...   | Rimouski. ....                | 4 00    |
| 1823                | do 13...             | David Bauville .....     | Master, fore and aft, coasting.                          | Matane, Que.....      | do .....                      | 4 00    |
| 1824                | do 13...             | Daniel Bauville.....     | do ...   | do .....              | do .....                      | 4 00    |
| 1825                | do 13...             | Alex. Bouillon.....      | do ...   | St. Anaclet, Que...   | do .....                      | 4 00    |
| 1826                | do 13...             | Frs. Elzéar Heppel.....  | Master, fore and aft and str., coasting                  | Father Point, Que.    | do .....                      | 4 00    |
| 1827                | do 13...             | Abraham Caron.....       | Master, fore and aft, coasting.                          | Rimouski, Que.....    | do .....                      | 4 00    |
| 1828                | do 12...             | Jos. Bouillon.....       | do ...   | St. Anaclet, Que...   | do .....                      | 4 00    |
| 1829                | do 12...             | Ignace Poirier.....      | Master, fore and aft and str., coasting                  | Rimouski, Que.....    | do .....                      | 4 00    |
| 1830                | do 12...             | Eusèbe Lussier.....      | Master, fore and aft, min. inl'd. waters                 | Sorel, Que.....       | Quebec.....                   | 4 00    |
| 1831                | do 13...             | Paul Paoli.....          | Master, fore and aft, coasting.                          | Charlotte town, P.E.I | Charlottetown                 | 4 00    |
| 1832                | do 13...             | Jas. T. H. Miller.....   | do ...   | Tignish, P.E.I.....   | do ...                        | 4 00    |
| 1833                | do 13...             | Michael Sweeny.....      | Mate, str., coasting.                                    | Charlottetown, P.E.I  | do ...                        | 2 00    |
| 1834                | do 13...             | Denis McCarthy.....      | do ...   | do ...                | do ...                        | 2 00    |

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| No. of Certificate. | Date of Certificate. | Name.                    | Grade.  | Address.                    | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|---|-----------------------------|-------------------------------|---------|
|                     | 1884.                |                          |   |                             |                               | \$ cts. |
| 1835                | May 15...            | Simon Giffin.....        | Master, fore and aft, coasting.                     | Isaac Harbor, N.S.          | Sydney .....                  | 4 00    |
| 1836                | do 15...             | Andrew Fougères.....     | do .....  | Arichat, C.B.....           | do .....                      | 4 00    |
| 1837                | do 15...             | Edward Bellel.....       | Master, fore and aft, inland waters.                | St. Catharines, Ont.        | St. Catharines                | 4 00    |
| 1838                | do 15...             | Benjamin Back.....       | do .....  | do .....                    | do .....                      | 4 00    |
| 1839                | do 15...             | Alex. Norris.....        | do .....  | do .....                    | do .....                      | 4 00    |
| 1840                | do 15...             | Alex. Bushey.....        | Mate, fore and aft, coasting.                       | Souris East, P.E.I.         | Charlottetown                 | 2 00    |
| 1841                | do 15...             | Reuben Card Anthony...   | Master, fore and aft, coasting.                     | Lower Granville, N.S.       | Halifax.....                  | 4 00    |
| 1842                | do 15...             | Geo. Leonard Peck.....   | do .....  | Portland, N.B.....          | St. John.....                 | 4 00    |
| 1843                | do 16...             | Edward Desmarais.....    | Master, fore and aft, min. in'l'd. waters           | St. François du Lac, Que.   | Quebec.....                   | 4 00    |
| 1844                | do 16...             | Bernard Laroche.....     | do .....  | St. Croix, Que.....         | do .....                      | 4 00    |
| 1845                | do 16...             | Thos. Riverin.....       | Master, str., minor inland waters.                  | Chicoutimi, P.Q....         | do .....                      | 4 00    |
| 1846                | do 16...             | Angus Baker .....        | do .....  | St. Nicholas, Que..         | do .....                      | 4 00    |
| 1847                | do 16...             | Elzéar Fortier .....     | do .....  | Ste. Anne de Beau-pré, Que. | do .....                      | 4 00    |
| 1848                | do 16...             | Jean Dechaine.....       | Mate, str., minor inland waters.                    | Chicoutimi, Que..           | do .....                      | 2 00    |
| 1849                | do 16...             | François Fortier .....   | do .....  | Ste. Anne de Beau-pré, Que. | do .....                      | 2 00    |
| 1850                | do 9...              | Alex. Melançon .....     | Master, fore and aft, coasting.                     | Port Gilbert, N.S....       | Weymouth ....                 | 4 00    |
| 1851                | do 19...             | Wm. Lannen .....         | Master, fore and aft, inland waters.                | Sarnia, Ont.....            | St. Catharines.               | 4 00    |
| 1852                | do 19...             | Martin Green .....       | Master, str., minor inland waters.                  | Dunville, Ont.....          | do .....                      | 4 00    |
| 1853                | do 16...             | Romuald Lamotte .....    | Master, str. and fore and aft, minor inland waters. | St. Antoine, Que..          | Quebec.....                   | 4 00    |
| 1854                | do 16...             | Chas. McLean .....       | do .....  | Murray Bay, Que...          | do .....                      | 4 00    |
| 1855                | do 19...             | Wm. Rogers .....         | Master, fore and aft, coasting.                     | Lennox, Passage, C.B.       | Sydney .....                  | 4 00    |
| 1856                | do 19...             | Theophilus Rogers .....  | do .....  | do .....                    | do .....                      | 4 00    |
| 1857                | do 17...             | Peter Emery Stuart.....  | Master, square rig, coasting.                       | Yarmouth, N.S.....          | Yarmouth .....                | 4 00    |
| 1858                | do 21...             | Geo. Enslie Hemeon ..... | Master, fore and aft, coasting.                     | Liverpool, N.S.....         | Halifax.....                  | 4 00    |
| 1859                | do 23...             | Benj. Bezanson .....     | Mate, fore and aft, coasting.                       | Harborville, N.S....        | do .....                      | 2 00    |
| 1860                | do 23...             | Fred. Remby .....        | Master, fore and aft, coasting.                     | West Dublin, N.S..          | do .....                      | 4 00    |
| 1861                | do 21...             | Jos. Harris Dexter ..... | do .....  | Brooklyn, N.S.....          | do .....                      | 4 00    |
| 1862                | do 21...             | Wm. Harnish .....        | do .....  | Liverpool, N.S.....         | do .....                      | 4 00    |

List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                      | Grade.                                      | Address.                        | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|----------------------------|---|---------------------------------|-------------------------------|---------|
|                     | 1884.                |                            |   |                                 |                               | \$ cts. |
| 1863                | May 21...            | Jos. Norman Berry.....     | Mate, fore and aft, coasting.               | Clementsport, N.S.              | Halifax.....                  | 2 00    |
| 1864                | do 21...             | Chas. Henry Malcolm ....   | Mate, square rig, coasting.                 | Cheverie, N.S.....              | do .....                      | 2 00    |
| 1865                | do 21...             | Leander Seymour Card. .    | do .....                                    | Burlington, N.S.....            | do .....                      | 2 00    |
| 1866                | do 21...             | Angus P. McDonald .....    | Master, fore and aft, coasting.             | Harbor au Bouche, N.S.          | do .....                      | 4 00    |
| 1867                | do 21...             | Daniel Eli Wilkie .....    | do .....                                    | La Have, N.S.....               | do .....                      | 4 00    |
| 1868                | do 29...             | Venceslas Bouchard. ....   | do .....                                    | Isle aux Coudres, Que.          | Quebec.....                   | 4 00    |
| 1869                | do 29...             | Leon Bernier .....         | Master, fore and aft, minor inland waters.  | St. Jean des Chailons, Que.     | do .....                      | 4 00    |
| 1870                | do 29...             | Fidèle Laliberté .....     | do .....                                    | Ste. Emelie de Clairville, Que. | do .....                      | 4 00    |
| 1871                | do 29...             | J. B. Ladebouche, jun. ... | Mate, str., minor, inland waters.           | Sorel, Que.....                 | do .....                      | 2 00    |
| 1872                | do 29...             | Theodore Bouchard .....    | Master, fore and aft, coasting.             | Isle aux Coudres, Que.          | do .....                      | 4 00    |
| 1873                | do 29...             | Antoine Riverin .....      | do .....                                    | Murray Bay, Que...              | do .....                      | 4 00    |
| 1874                | do 29...             | Jos. Thibeault .....       | do .....                                    | Bay St. Paul, Que.              | do .....                      | 4 00    |
| 1875                | do 29...             | Sovel Courrier.....        | Master, str., minor, inland waters.         | Lindsay, Ont.....               | Lindsay .....                 | 4 00    |
| 1876                | do 29...             | James Hamilton .....       | do .....                                    | Bobcaygeon, Ont...              | do .....                      | 4 00    |
| 1877                | do 29...             | Elijah Bottum .....        | do .....                                    | do .....                        | do .....                      | 4 00    |
| 1878                | do 29...             | Albert Edward Bottum..     | do .....                                    | do .....                        | do .....                      | 4 00    |
| 1879                | do 29...             | Charles Burk .....         | do .....                                    | Lindsay, Ont.....               | do .....                      | 4 00    |
| 1880                | do 29...             | John Smiley .....          | do .....                                    | PortDalhousie, Ont              | St. Catharines.               | 4 00    |
| 1881                | do 28...             | Jas. Victor Crawford....   | do .....                                    | Warton, Ont .....               | Toronto .....                 | 4 00    |
| 1882                | do 28...             | Marshal Vincent.....       | do .....                                    | Waubaushe, Ont                  | do .....                      | 4 00    |
| 1883                | do 28...             | Wm. McMaster.....          | do .....                                    | Pike Bay P.O., Ont              | do .....                      | 4 00    |
| 1884                | do 28...             | Andrew Jas. Tymon .....    | do .....                                    | Toronto, Ont.....               | do .....                      | 4 00    |
| 1885                | do 28...             | Wm. Bower Scott .....      | Mate, str., minor inland waters.            | do .....                        | do .....                      | 2 00    |
| 1886                | do 28...             | Solomon Sylvester .....    | Master, square rig and str., inland waters. | do .....                        | do .....                      | 4 00    |
| 1887                | do 28...             | Timothy Toupin .....       | Mate, str., inland waters.                  | Montreal, Que .....             | do .....                      | 2 00    |
| 1888                | do 28...             | Geo. Whelpley .....        | Master, fore and aft, coasting.             | Portland, St. John, N.B.        | St. John.....                 | 4 00    |
| 1889                | do 28...             | Theodore Harding Giffu.    | do .....                                    | Isaac's Harbour, N.S.           | Halifax .....                 | 4 00    |

List of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.   | Address.                             | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--|--------------------------------------|-------------------------------|---------|
|                     | 1884.                |                           |  |                                      |                               | \$ cts. |
| 1890                | May 28...            | Chas. Edw. Pye .....      | Master, square rig,<br>coasting.                               | Halifax, N.S.....                    | Halifax. ....                 | 4 00    |
| 1891                | do 28...             | Law. Netson McKenne ...   | do   | Lockeport, N.S....                   | do .....                      | 4 00    |
| 1892                | do 28...             | Daniel Reilley .....      | Master, fore and aft,<br>inland waters.                        | Point Edward, Ont                    | St. Catharines.               | 4 00    |
| 1893                | do 29...             | Jos. Beaudet.....         | Master, fore and aft<br>and mate, str.,<br>minor inl'd waters. | St. Croix, Que.....                  | Quebec.....                   | 4 00    |
| 1894                | do 30...             | Jos. Lavoie. ....         | Master, fore and aft,<br>coasting.                             | Father Point, Que.                   | do .....                      | 4 00    |
| 1895                | do 30...             | Jas. Wm. Layton .....     | do   | Hopewell, N.S.....                   | St. John.....                 | 4 00    |
| 1896                | do 30...             | Arthur Read.....          | do   | Portland, N.B.....                   | do .....                      | 4 00    |
| 1897                | do 28...             | Fred. Richard Anthony .   | Master, str., coast-<br>ing.                                   | Cow Bay, C.B .....                   | Sydney.. .....                | 4 00    |
| 1898                | do 31...             | James McCabe.....         | Master, fore and aft,<br>coasting.                             | Parrsboro', N.S....                  | Parrsboro'.....               | 4 00    |
| 1899                | June 10...           | Robt. Pringle.....        | Master, fore and aft,<br>inland waters.                        | Southampton, Ont.                    | Kincardine ...                | 4 00    |
| 1900                | do 10...             | Duncan McLeod .....       | do   | Kincardine, Ont ...                  | do .....                      | 4 00    |
| 1901                | do 10...             | Wm. Carroil .....         | Mate, str., inland<br>waters.                                  | Toronto, Ont .....                   | Toronto .....                 | 2 00    |
| 1902                | do 10...             | Paul Dusome .....         | Master, str., minor<br>inland waters.                          | Penetanguishene,<br>Ont.             | do .....                      | 4 00    |
| 1903                | do 10...             | Daniel Fraser Mills. .... | Mate, str., inland<br>waters.                                  | Prescott, Ont. ....                  | do .....                      | 2 00    |
| 1904                | do 10...             | Jno. Ellison, jun.....    | Master, str., minor<br>inland waters.                          | Port Stanley, Ont.                   | do .....                      | 4 00    |
| 1905                | do 10...             | Thos. Johnson.....        | do   | Penetanguishene,<br>Ont.             | do .....                      | 4 00    |
| 1906                | do 10...             | John Kelly .....          | do   | Toronto, Ont. ....                   | do .....                      | 4 00    |
| 1907                | do 9...              | Abraham Jewell Frame..    | do   | Warton, Ont.....                     | do .....                      | 4 00    |
| 1908                | do 9...              | John Walker Cousins....   | Master, str., inland<br>waters.                                | Port Arthur, Ont.                    | do .....                      | 4 00    |
| 1909                | do 10...             | Léon Chartier .....       | Master, str., minor<br>inland waters.                          | Nosbonsing, Ont...                   | Ottawa.....                   | 4 00    |
| 1910                | do 9...              | Jos. Edgar Dowsett.....   | Master, fore and aft,<br>ccasting.                             | Harvey, N.B.....                     | St. John.....                 | 4 00    |
| 1911                | do 9...              | Jos. Wellington Forsyth.  | do   | do .....                             | do .....                      | 4 00    |
| 1912                | do 9...              | Geo. Bennett .....        | do   | South Rockland,<br>N.B.              | do .....                      | 4 00    |
| 1913                | do 9...              | Jacob Wentzel.....        | do   | La Have, N.S.....                    | Lunenburg ....                | 4 00    |
| 1914                | do 9...              | Antoine B. Bélanger ....  | Mate, str., coasting.  | L'Islet, Que.....                    | Quebec.....                   | 2 00    |
| 1915                | do 9...              | Jos. Leblanc.....         | do   | do .....                             | do .....                      | 2 00    |
| 1916                | do 9...              | Jas. Fraser .....         | Master, fore and aft,<br>coasting.                             | Point Edward, C.B                    | Sydney.....                   | 4 00    |
| 1917                | July 2..             | Honoré Larosé.....        | Master, fore and aft,<br>minor inl'd waters.                   | St. Thomas de Pier-<br>reville, Que. | Quebec.....                   | 4 00    |



LIST of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                      | Grade.                             | Address.              | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|----------------------------|------------------------------------|-----------------------|-------------------------------|---------|
|                     | 1884.                |                            |                                    |                       |                               | \$ cts. |
| 1918                | June 27...           | Chas. Albert Morrison ...  | Master, fore and aft, coasting.    | Londonderry, N.S.     | Halifax. ....                 | 4 00    |
| 1919                | do 27...             | André Loubert.....         | do                                 | Maria, Que.....       | New Carlisle..                | 4 00    |
| 1920                | do 27...             | James Cyr.....             | do                                 | do                    | do                            | 4 00    |
| 1921                | do 27...             | Wm. Porlier.....           | do                                 | do                    | do                            | 4 00    |
| 1922                | do 27...             | John Moulin.....           | do                                 | Paspebiac, Que.....   | do                            | 4 00    |
| 1923                | do 26...             | Xavier Le Blanc .....      | do                                 | do                    | do                            | 4 00    |
| 1924                | do 26...             | Abel Huard.....            | do                                 | do                    | do                            | 4 00    |
| 1925                | do 26...             | Wm. Joseph.....            | do                                 | do                    | do                            | 4 00    |
| 1926                | do 26...             | Aimé Holmes.....           | do                                 | do                    | do                            | 4 00    |
| 1927                | do 26...             | Joseph Dugay .....         | do                                 | do                    | do                            | 4 00    |
| 1928                | do 26...             | Arsène Boudreau .....      | do                                 | do                    | do                            | 4 00    |
| 1929                | do 26...             | Zephirin Bourdage.....     | Master, square rig, coasting.      | Bonaventure, Que.     | do                            | 4 00    |
| 1930                | do 26...             | Martino Apt.....           | Master, str., minor inland waters. | Portland, N.B.....    | St. John.....                 | 4 00    |
| 1931                | do 26...             | Arthur Wellesley Brown     | Master, fore and aft, coasting.    | do                    | do                            | 4 00    |
| 1932                | do 26...             | Thos. Newton Bakewell..    | Master, str., inland waters.       | Parry Sound, Ont.     | Toronto.....                  | 4 00    |
| 1933                | do 26...             | James Murphy.....          | Master, str., minor inland waters. | Algoma Mills, Ont     | do                            | 4 00    |
| 1934                | do 19...             | Jas. Foster.....           | do                                 | Windsor, Ont. ....    | do                            | 4 00    |
| 1935                | do 10...             | Melanchton Simpson.....    | do                                 | Toronto, Ont. ....    | do                            | 4 00    |
| 1936                | do 19...             | Sam'l Jno. Atkinson .....  | do                                 | do                    | do                            | 4 00    |
| 1937                | do 19...             | Michael McCum .....        | Master, str., minor inland waters. | Windsor, Ont.....     | do                            | 4 00    |
| 1938                | do 19...             | Jas. Noble.....            | Master, str., minor inland waters. | Killarney, Ont.....   | do                            | 4 00    |
| 1839                | do 19...             | Michael Jos. Collins ..... | Mate, square rig, inland waters.   | Bobcaygeon, Ont..     | Lindsay .....                 | 2 00    |
| 1940                | do 19...             | Jas. Luther White .....    | Master, str., minor inland waters. | Harwood, Ont.....     | Cobourg.....                  | 4 00    |
| 1941                | do 19...             | Jas. Warren Gidley .....   | do                                 | Penetanguishene, Ont. | Penetanguishene.              | 4 00    |
| 1942                | do 19...             | Wm. Aldred.....            | do                                 | Windsor, Ont.....     | Windsor .....                 | 4 00    |
| 1943                | do 20...             | Augure Langelier .....     | Master, fore and aft, coasting.    | L'Islet, Que .....    | Quebec.....                   | 4 00    |
| 1944                | do 20...             | Fabien Danglade .....      | do                                 | Chicoutimi, Que...    | do                            | 4 00    |
| 1945                | do 20...             | Jérôme Savard .....        | Mate, str., coasting.              | Malbaie, Que. ....    | do                            | 2 00    |

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Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.   | Address.                          | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--|-----------------------------------|-------------------------------|---------|
|                     | 1884.                |                           |  |                                   |                               | \$ cts. |
| 1946                | June 20...           | Rozaire Thibaudeau .....  | Master, fore and aft,<br>min. in'l'd waters.               | Portneuf, Que .....               | Quebec .....                  | 4 00    |
| 1947                | do 19...             | Ulric Thibaudeau .....    | do .....   | do .....                          | do .....                      | 4 00    |
| 1948                | do 19...             | Jacques Fiset .....       | Master, str., minor<br>inland waters.                      | Quebec, Que.....                  | do .....                      | 4 00    |
| 1949                | do 19...             | Ludger Fournier.....      | do .....   | St. Antoine de Til-<br>ley, Que.  | do .....                      | 4 00    |
| 1950                | do 19...             | Louis Alex'r Boudreau ... | Master, fore and aft,<br>coasting.                         | St. Charles Caplin,<br>Que.       | New Carlisle ..               | 4 00    |
| 1951                | do 20...             | Edward Dugay .....        | Mate, fore and aft,<br>coasting.                           | Paspebiac, Que. ...               | do .....                      | 2 00    |
| 1952                | do 20...             | Paul Lemay .....          | do .....   | do .....                          | do .....                      | 2 00    |
| 1953                | do 19...             | Warrington Pritchard....  | Master, fore and aft,<br>inland waters.                    | Port Arthur, Ont.                 | Port Arthur ...               | 4 00    |
| 1954                | do 19...             | Lochlan Currie .....      | Mate, fore and aft,<br>inland waters.                      | Port Elgin, Ont....               | do .....                      | 2 00    |
| 1955                | do 19...             | Jno. McKenzie.....        | Master, steamer, in-<br>land waters.                       | Port Arthur, Ont..                | do .....                      | 4 00    |
| 1956                | do 19...             | Geo. Cosgrave .....       | do .....   | do .....                          | do .....                      | 4 00    |
| 1957                | do 19...             | Alex'r Edwin McGregor..   | do .....   | Goderich, Ont.....                | do .....                      | 4 00    |
| 1958                | do 19...             | David Pigot .....         | Master, fore and aft,<br>coasting.                         | Savage Harbor,<br>P.E.I.          | Charlottetown                 | 4 00    |
| 1959                | do 19...             | Wm. Henry Kerr.....       | Master, str., minor<br>inland waters.                      | Brockville, Ont. ...              | Ottawa .....                  | 4 00    |
| 1960                | do 20...             | Dominique Landry.....     | Master, fore and aft,<br>coasting.                         | Petit de Grat, C.B.               | Sydney .....                  | 4 00    |
| 1961                | do 20...             | Johnson Renwic Pettis...  | Mate, fore and aft,<br>coasting.                           | Fox River, N.S.....               | Parrsboro' .....              | 2 00    |
| 1962                | do 20...             | Jeremiah V. Ditmars ..... | Master, str., inland<br>waters, or fore &<br>aft, sailing. | St. Catharines, Ont               | St. Catharines                | 4 00    |
| 1963                | do 21...             | Jno. G. Townsend .....    | Mate, fore and aft,<br>coasting.                           | Cape Breton, N.S..                | Lunenburg ....                | 2 00    |
| 1964                | do 27...             | Geo. Reynolds.....        | Mate, square rig, in-<br>land waters.                      | Oakville, Ont.....                | St. Catharines                | 2 00    |
| 1965                | do 27...             | Jno. Boudrot. ....        | Mate, fore and aft,<br>coasting.                           | Petit de Grat, C.B.               | Sydney .....                  | 2 00    |
| 1966                | do 27...             | Jno. Polly.....           | Master, str., inland<br>waters.                            | Chatham, Ont.....                 | Ottawa.....                   | 4 00    |
| 1967                | do 30...             | Oloff Wm. Johnson. ....   | Master, fore and aft,<br>coasting.                         | Parrsboro', Ont.....              | Cornwallis ....               | 4 00    |
| 1968                | July 2...            | Nap. Marand dit Grimard   | Master, fore and aft,<br>min. in'l'd. waters               | St. Jean des Chail-<br>lons, Que. | Quebec .....                  | 4 00    |
| 1969                | do 2...              | Moise Robidoux.....       | do .....   | Yamaska, Que.....                 | do .....                      | 4 00    |
| 1970                | do 2...              | Ovide Dufour .....        | Master, fore and aft,<br>coasting.                         | Isle aux Coudres,<br>Que.         | do .....                      | 4 00    |
| 1971                | do 2...              | J. D. Sullivan .....      | Master, str. and fore<br>and aft, inland<br>waters.        | Windsor, Ont.....                 | Toronto .....                 | 4 00    |
| 1972                | June 19...           | Jno. Gidley.....          | do .....   | Penetanguishene,<br>Ont.          | do .....                      | 4 00    |

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| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                                 | Address.                 | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|--|--------------------------|-------------------------------|---------|
|                     | 1884.                |                          |  |                          |                               | \$ cts. |
| 1973                | July 3...            | Jno. Britt.....          | Master, fore and aft, coasting.        | St. Andrews, N.B.        | St. John.....                 | 4 00    |
| 1974                | do 3...              | Timothy McCarthy.....    | Mate, str., coasting.                  | Str. "Empress"...        | do .....                      | 2 00    |
| 1975                | do 3...              | Alfred L. Peatman.....   | Master, fore and aft, coasting.        | Gibson, N.B. ....        | do .....                      | 4 00    |
| 1976                | do 3...              | Fredk. Pheasant.....     | Master, str., coasting.                | St. John, N.B.....       | do .....                      | 4 00    |
| 1977                | do 2...              | Wm. C. Wood.....         | Master, fore and aft, coasting.        | Albert, N.B.....         | do .....                      | 4 00    |
| 1978                | do 7...              | Harvey Peters.....       | Mate, fore and aft, inland waters.     | Port Dalhousie, Ont.     | St. Catharines                | 2 00    |
| 1979                | do 10...             | John Mowat.....          | do .....                               | Toronto, Ont.....        | Toronto .....                 | 2 00    |
| 1980                | do 10...             | Donald G. Munro. ....    | Master, fore and aft, inland waters.   | Port Arthur, Ont..       | do .....                      | 4 00    |
| 1981                | do 10...             | Wm. Alex. Milloy.....    | Master, str., inland waters.           | Niagara, Ont.....        | do .....                      | 4 00    |
| 1982                | do 10...             | Nicolas Marin.....       | do .....                               | Port Arthur, Ont..       | do .....                      | 4 00    |
| 1983                | do 10...             | Donald Morrison.....     | Master, str., minor inland waters.     | do .....                 | Port Arthur....               | 4 00    |
| 1984                | do 7...              | Thos. Henry Tretheway.   | Master, str. and fore and aft, inland. | do .....                 | do .....                      | 4 00    |
| 1985                | do 9...              | Randal Michael Ryan....  | Master, square rig, coasting.          | Lockeport, N.S....       | Halifax.....                  | 4 00    |
| 1986                | do 9...              | Edward Chalton Berry...  | Master, fore and aft, coasting.        | Clementsport, N.S        | Annapolis.....                | 4 00    |
| 1987                | do 9...              | Thos. Freeman Reeves...  | do .....                               | Port Hawkesbury, N.S.    | Sydney.....                   | 4 00    |
| 1988                | do 10...             | John Young .....         | Master, str., minor inland waters.     | Brockville, Ont....      | Ottawa.....                   | 4 00    |
| 1989                | do 10...             | Thos. Crawford.....      | Mate, str., minor inland waters.       | Pictou, N.S. ....        | Pictou.....                   | 2 00    |
| 1990                | do 10...             | Jas. Newton Sponagle.... | Master, square rig, coasting.          | West Dublin, N.S.        | Liverpool.....                | 4 00    |
| 1991                | do 16...             | Jos. Westaway.....       | do .....                               | Georgetown, P.E.I        | Charlottetown                 | 4 00    |
| 1992                | do 21...             | James Scott.....         | Master, fore and aft, coasting.        | Pictou, N.S.....         | Pictou.....                   | 4 00    |
| 1993                | do 16...             | Robt. Smith.....         | 'do .....                              | Liverpool, N.S.....      | Liverpool.....                | 4 00    |
| 1994                | do 17...             | Alexander Crowell.....   | Mate, square rig, coasting.            | do .....                 | do .....                      | 2 00    |
| 1995                | do 16...             | Jean Robichaud. ....     | do .....                               | St. Jean Port Joli, Que. | Quebec.....                   | 4 00    |
| 1996                | do 17...             | Alex. Weatherby .....    | Master, fore and aft, coasting.        | Tatamagouche, N.S        | Pictou .....                  | 4 00    |
| 1997                | do 18...             | Wm. Seaman Downey....    | Mate, fore and aft, coasting.          | Parrsboro', N.S....      | Parrsboro'.....               | 2 00    |
| 1998                | do 18...             | Henry Sorrel Nickerson.. | Master, fore and aft, coasting.        | Port Clyde, N.S....      | Shelburne .....               | 4 00    |
| 1999                | do 21...             | Jno. Nelson Berry .....  | do .....                               | Clementsport, N.S.       | Annapolis.....                | 4 00    |
| 2000                | do 18...             | Ed. Theodore McDonald.   | do .....                               | Great Bras d'Or, N.S.    | Halifax .....                 | 4 00    |

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Inland and Coasting Vessels, &c.—Continued.

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|---------------------|----------------------|---------------------------------|--|--------------------------|-------------------------------|---------|
|                     | 1884.                |                                 |  |                          |                               | \$ cts. |
| 2001                | July 18...           | Seymour Malcolm .....           | Master, square rig,<br>coasting.   | Hantsport, N.S.....      | Halifax .....                 | 4 00    |
| 2002                | do 17...             | Douglas McEachern .....         | Mate, square rig,<br>coasting.   | Halifax, N.S.....        | do .....                      | 2 00    |
| 2003                | do 12...             | Israël Browne .....             | Master, square rig,<br>coasting.   | Margaretsville, N.S.     | do .....                      | 4 00    |
| 2004                | do 18...             | Geo. H. Wilcox .....            | Master, str., minor<br>inland waters.  | Port Robinson, Ont.      | St. Catharines.               | 4 00    |
| 2005                | do 12...             | Jeremiah Sheehan .....          | Mate, fore and aft,<br>inland waters.  | Toronto, Ont. ....       | do .....                      | 2 00    |
| 2006                | do 22...             | George Haines .....             | Mate, str., minor<br>inland waters.  | Summerstown, Ont.        | Ottawa .....                  | 2 00    |
| 2007                | Aug. 4...            | Robt. Kennedy Shafner...        | Master, fore and aft,<br>coasting.   | Lower Granville,<br>N.S. | Halifax .....                 | 4 00    |
| 2008                | do 2...              | Chas. Boudreau .....            | do .....   | West Arichat, N.S.       | Sydney .....                  | 4 00    |
| 2009                | do 2...              | Alex. McNabb .....              | Master, fore and aft<br>and str., inland<br>waters.                                    | Port Arthur, Ont..       | Port Arthur....               | 4 00    |
| 2010                | do 4...              | Louis Haines .....              | Mate, str., minor<br>inland waters.  | Dundee, Que.....         | Ottawa .. .....               | 2 00    |
| 2011                | do 4...              | Arthur Wallace .....            | Master, fore and aft,<br>coasting.   | St. John, N.B. ....      | St. John.....                 | 4 00    |
| 2012                | do 4...              | Jno. Henry Thompson ...         | Master, str., minor<br>inland waters.  | Port Dover, Ont....      | Port Dover....                | 4 00    |
| 2013                | do 4...              | Morris Flynn .....              | Mate, fore and aft,<br>inland waters.  | Toronto, Ont. ....       | Toronto .....                 | 2 00    |
| 2014                | do 4...              | Alpha B. Soper .....            | Master, str., inland<br>waters.  | Rondeau Harbor,<br>Ont.  | do .....                      | 4 00    |
| 2015                | do 5...              | Jno. Judson Campbell ...        | Master, str., minor<br>inland waters.  | Kingston, Ont.....       | Kingston .....                | 4 00    |
| 2016                | do 5...              | Alonzo Merritt.....             | Master, fore and aft,<br>coasting.   | Clementsport, N.S.       | Annapolis.....                | 4 00    |
| 2017                | do 5...              | John Rankin.....                | Master, str., minor<br>inland waters.  | Cazaville, Que.....      | Kings'on .....                | 4 00    |
| 2018                | do 28...             | Alex. McDonald .....            | Master, fore and aft,<br>coasting.   | Bras d'Or, C.B....       | Halifax .....                 | 4 00    |
| 2019                | do 28...             | Daniel McVicar.....             | Mate, fore and aft,<br>inland waters.  | Toronto, Ont. ....       | Toronto .....                 | 2 00    |
| 2020                | do 28...             | Henry Powers .....              | do .....   | do .....                 | do .....                      | 2 00    |
| 2021                | do 28...             | Thomas Ellis .....              | Master, str., minor<br>inland waters.  | Roach's Point, Ont.      | do .....                      | 4 00    |
| 2022                | do 29...             | Lorenzo H. Rourke.....          | Master, fore and aft,<br>coasting.   | St. George, N.B....      | St. John.....                 | 4 00    |
| 2023                | do 28...             | James Tarrice .....             | Mate, fore and aft,<br>coasting.   | Indian Town, N.B.        | do .....                      | 2 00    |
| 2024                | do 29...             | Wm. Bullerwell .....            | Mate, square rig,<br>coasting.   | Cambridge, N.S....       | do .....                      | 2 00    |
| 2025                | do 29...             | Theophilus Cowen Mars-<br>ters. | Master, str., minor<br>inland waters;<br>also to command<br>a str. on Bay of<br>Fundy. | Hantsport, N.S. ...      | Halifax .....                 | 4 00    |
| 2026                | do 29...             | Andrew Beison .....             | Master, square rig,<br>coasting.   | Windsor, N.S.....        | do .....                      | 4 00    |

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List of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.   | Address.              | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--|-----------------------|-------------------------------|---------|
|                     | 1884.                |                           |  |                       |                               | \$ cts. |
| 2027                | Aug. 28...           | Wm. Morris Kennedy.....   | Master, str., minor inland waters.                         | Burk's Falls, Ont.    | Toronto ....                  | 4 00    |
| 2028                | do 28...             | Geo. Nash.....            | Mate, str., inland waters                                  | Niagara, Ont.....     | do .....                      | 2 00    |
| 2029                | do 28...             | John Mowat.....           | Mate, fore and aft, inland waters.                         | Toronto, Ont .....    | do .....                      | 2 00    |
| 2030                | do 28...             | John Rogers.....          | Master, str., minor inland waters.                         | Port Sandfield, Ont   | do .....                      | 4 00    |
| 2031                | do 28...             | Lorenzo McKenvey.....     | do   | Huntsville, Ont....   | do .....                      | 4 00    |
| 2032                | do 28...             | James Martin.....         | Master, fore and aft, inland waters.                       | Oakville, Ont.....    | do .....                      | 4 00    |
| 2033                | do 28...             | Geo. E. Lovelace .....    | Mate, fore and aft, coasting.                              | Canning, N.S.....     | Corawallis .....              | 2 00    |
| 2034                | do 28...             | John Hunter.....          | do   | Hopewell Cape, NB     | St. John .....                | 2 00    |
| 2035                | do 28...             | Wm. H. Crawford .....     | Mate, str., inland waters.                                 | Port Arthur, Ont...   | St. Catharines.               | 2 00    |
| 2036                | do 28...             | Alfred Howard .....       | Master, str., minor inland and fore and aft, inland waters | Warton, Ont.....      | Toronto .....                 | 4 00    |
| 2037                | do 28...             | Jno. Maloney .....        | Master, fore and aft, coasting.                            | St. Andrews, N.B.     | St. John.....                 | 4 00    |
| 2038                | Sept. 1...           | Chas. Howard Matthews.    | Master, str., minor inland waters and Gulf St. Lawrence    | Chatham, N.B.....     | do .....                      | 4 00    |
| 2039                | do 9...              | Wm. Earnest Peasley....   | Mate, str., minor inland waters.                           | Georgeville, Que...   | Georgeville ...               | 2 00    |
| 2040                | Oct. 6...            | Jno. Frank McMaster.....  | Master, str., minor inland waters.                         | Trenton, Ont.....     | Kingston .....                | 4 00    |
| 2041                | Sept. 10...          | Chas. Hendrickson.....    | do   | Bruce Mines, Ont.     | Toronto .....                 | 4 00    |
| 2042                | do 10...             | Thos. Harris.....         | do   | Gore's Landing, Ont.  | Ottawa.....                   | 4 00    |
| 2043                | do 15...             | Frs. Achille Menard ..... | Master, fore and aft, coasting.                            | Stanport, Que .....   | Quebec.....                   | 4 00    |
| 2044                | do 15...             | Isaie Gingras.....        | Master, fore and aft, minor inl'd waters                   | St. Appolinaire, Que. | do .....                      | 4 00    |
| 2045                | do 15...             | Wm. Thos. Smith.....      | Master, square rig, coasting.                              | New Carlisle, Que.    | do .....                      | 4 00    |
| 2046                | do 30...             | Chas. Walters Rudolph.    | Master, fore and aft, coasting.                            | Pubnico, N.S.....     | Yarmouth.....                 | 4 00    |
| 2047                | Oct. 3...            | Jas. W. Farnsworth.....   | do   | Hampton, N.S.....     | St. John.....                 | 4 00    |
| 2048                | do 6...              | John McKay.....           | do   | New London, P.E.I.    | Charlottetown                 | 4 00    |
| 2049                | do 6...              | Alex. McKenzie.....       | Mate, str., inland waters.                                 | Owen Sound, Ont..     | Toronto .....                 | 2 00    |
| 2050                | do 7...              | Louis Hercules Beaulieu.  | Master, str., minor inland waters.                         | Sorel, Que.....       | Montreal .....                | 4 00    |
| 2051                | do 7...              | Edouard Painchaud .....   | do   | Montreal, Que .....   | do .....                      | 4 00    |
| 2052                | do 8...              | Xavier Laviolette.....    | Master, str. and fore and aft, inland waters.              | St. Ours, Que.....    | do .....                      | 4 00    |
| 2053                | do 8...              | Frs. Xavier Tetreault...  | Mate, str., minor inland waters.                           | Sorel, Que.....       | do .....                      | 2 00    |

LIST of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                               | Address.                  | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--------------------------------------|---------------------------|-------------------------------|---------|
|                     | 1884.                |                           |                                      |                           |                               | \$ cts. |
| 2054                | Oct. 8...            | Levi Ladébauche . . . . . | Mate, str., minor inland waters.     | Sorel, Que.....           | Montreal . . . . .            | 2 00    |
| 2055                | do 8...              | Jean Baptiste Vilandre... | do ...                               | do .....                  | do .....                      | 2 00    |
| 2056                | do 9...              | Pierre Latour.....        | Mate, str., minor inland waters.     | L'Isle Dupas, Que         | do .....                      | 2 00    |
| 2057                | do 10...             | Joseph Gouin.....         | do ..                                | St. Ours, Que.....        | do .....                      | 2 00    |
| 2058                | do 10...             | Godfrey Bouillet.....     | Master, str., minor inland waters.   | L'Assomption, Que         | do .....                      | 4 00    |
| 2059                | do 10...             | Alphonse Gouin .....      | do ...                               | St. Ours, Que.....        | do .....                      | 4 00    |
| 2060                | do 10...             | Ernest Brousseau.....     | do ...                               | Montreal, Que.....        | do .....                      | 4 00    |
| 2061                | do 11...             | Jos. Edgar Ooursel.....   | do ...                               | do .....                  | do .....                      | 4 00    |
| 2062                | do 11...             | Pierre Zotique Ste. Marie | do ...                               | Longueuil, Que....        | do .....                      | 4 00    |
| 2063                | do 11...             | Geo. Carley .....         | do ...                               | Midland, Ont.....         | Toronto .....                 | 4 00    |
| 2064                | do 4...              | Richard Musgrove. ....    | Mate, str., inland waters.           | Hantsport, N.S....        | Halifax .....                 | 2 00    |
| 2065                | do 7...              | Nelson J. Wigle .....     | Master, str., minor inland waters.   | Windsor, Ont.....         | Windsor .....                 | 4 00    |
| 2066                | do 9...              | Donald McMillan.....      | Mate, str., inland waters.           | Glenarm, Ont.....         | Kingston.....                 | 2 00    |
| 2067                | do 9...              | Hugh Cope Rothwell.....   | Master, str., minor inland waters.   | Kingston, Ont.....        | do .....                      | 4 00    |
| 2068                | do 9...              | John Frank McMaster....   | Master, fore and aft, coasting.....  | Trenton, Ont.....         | do .....                      | 4 00    |
| 2069                | do 9...              | Patrick Jos. Kennedy....  | do ...                               | Halifax, N.S.....         | Halifax .....                 | 4 00    |
| 2070                | do 9...              | Byron Hines.....          | do ...                               | Pubnico, N.S.....         | Yarmouth .....                | 4 00    |
| 2071                | do 15...             | Elias Rawding.....        | Mate, fore and aft, coasting.        | Clementsport, N.S         | Annapolis.....                | 2 00    |
| 2072                | do 15...             | Wm. Kimball .....         | Master, str., minor inland waters.   | Collins' Inlet, Ont.      | Toronto .....                 | 4 00    |
| 2073                | do 15...             | Alex. Easler.....         | Master, fore and aft, coasting       | Adocate, N.S.....         | Parrsboro' .....              | 4 00    |
| 2074                | do 15...             | Geo. Moors.....           | Mate, square rig, coasting.          | Georgetown, P.E.I         | Charlottetown                 | 2 00    |
| 2075                | do 15...             | Elisha Edward Grant....   | Master, square rig, coasting.        | Port Greville, N.S.       | Parrsboro' .....              | 4 00    |
| 2076                | do 15...             | Robert Whitman Caffery.   | Mate, square rig, coasting.          | Clementsport, N.S.        | Annapolis .....               | 2 00    |
| 2077                | do 16...             | Wm. Edward Kennedy....    | Master, fore and aft, coasting.      | Little Lorraine, C.B N.S. | Halifax .....                 | 4 00    |
| 2078                | do 16...             | Millidge Geo. Apt. ....   | do ...                               | Granville, N.S.....       | Annapolis .....               | 4 00    |
| 2079                | do 16...             | Malcolm May .....         | Master, fore and aft, inland waters. | Port Stanley, Ont.        | Kingston.....                 | 4 00    |
| 2080                | do 30...             | Jas. Rose.....            | Mate, str., minor inland waters.     | Westfield, N.B.....       | St. John.....                 | 2 00    |
| 2081                | do 30...             | Elkanabi Dingee.....      | do ...                               | Georgetown, N.B..         | do .....                      | 2 00    |

## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                      | Grade.  | Address.                         | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|----------------------------|---|----------------------------------|-------------------------------|---------|
|                     | 1884.                |                            |   |                                  |                               | \$ cts. |
| 2082                | Oct. 30...           | John Davey.....            | Master, str, minor inland waters.                             | Parry Sound, Ont.                | Toronto .....                 | 4 00    |
| 2083                | Nov. 5...            | Wm. Gillespie .....        | Mate, str., coasting.   | Victoria, B.C.....               | Victoria.....                 | 2 00    |
| 2084                | do 5...              | Walter Leonard.....        | do .....  | do .....                         | do .....                      | 2 00    |
| 2085                | do 11...             | Wm. Fortune.....           | Master, str., inland waters.                                  | Tranquille Mills, Kamloops, R.C. | do .....                      | 4 00    |
| 2086                | do 11...             | Edmund C. Shepherd.....    | do .....  | Quesnelle, B.C.....              | do .....                      | 4 00    |
| 2087                | do 11...             | James D. Tackaberry .....  | do .....  | New Westminster, B.C.            | do .....                      | 4 00    |
| 2088                | do 12...             | John Andrew Mara.....      | do .....  | Kamloops, B.C.....               | do .....                      | 4 00    |
| 2089                | do 12...             | John Cole .....            | Mate, fore and aft, coasting.                                 | Dorchester, N.B....              | St. John.....                 | 2 00    |
| 2090                | do 12...             | Caleb Hines .....          | Master, fore and aft, coasting.                               | Pubnico, N.S. ....               | Yarmouth .....                | 4 00    |
| 2091                | do 5...              | Hilary Landry.....         | Master, square rig, coasting.                                 | Petit de Grat, N.S.              | Sydney .....                  | 4 00    |
| 2092                | do 5...              | Edward Collis.....         | Mate, str., coasting  | Victoria, B.C. ....              | Victoria.. .....              | 2 00    |
| 2093                | do 12...             | Alfred Kennedy.....        | Mate, str., inland waters.                                    | do .....                         | do .....                      | 2 00    |
| 2094                | do 12...             | James Ramsey.....          | Master, str., coasting.                                       | do .....                         | do .....                      | 4 00    |
| 2095                | do 12...             | Diederich W. Aden.....     | do .....  | do .....                         | do .....                      | 4 00    |
| 2096                | do 12...             | William Saul .....         | Mate, str., inland waters.                                    | Kamloops, B.C.....               | do .....                      | 2 00    |
| 2097                | do 19...             | William Fredk. Butler..... | Master, fore and aft, coasting.                               | Halifax, N.S.....                | Halifax .....                 | 4 00    |
| 2098                | Dec. 11...           | Andrew Norwood.....        | Mate, str., minor inland waters.                              | Gagetown, N.B. ...               | St. John.....                 | 2 00    |
| 2099                | do 15...             | Adam Power.....            | Master, fore and aft, coasting.                               | Port aux Basque, Nfld.           | Sydney.....                   | 4 00    |
| 2100                | do 16...             | Joseph Dionne.....         | Master, fore and aft, minor inland waters.                    | St. Ours, Que. ....              | Quebec.....                   | 4 00    |
| 2101                | do 16...             | Ephrem Duguay .....        | Master, fore and aft, coasting and str., minor inland waters. | Chicoutimi, Que ...              | do .....                      | 4 00    |
| 2102                | do 19...             | Patrick McGlaughlin .....  | Master, fore and aft, sailing, and str., inland waters.       | Oakville, Ont. ....              | Toronto.....                  | 4 00    |
| 2103                | do 23...             | Albert W. Palmateer.....   | Master, fore and aft, inland waters.                          | Picton, Ont.....                 | do .....                      | 4 00    |
| 2104                | do 31...             | Abner W. Crawford .....    | Master, str., inland waters.                                  | Bowmanville, Ont.                | Port Arthur...                | 4 00    |

|   |                   |
|---|-------------------|
| Fees received from applicants who received certificates of service, to 31st December, 1884..... | 7,550 00          |
| Fees received from candidates who failed to pass the Board for certificates of service .....    | 24 00             |
| <b>Total fees received for certificates of service, to 31st Dec., 1884....</b>                  | <b>\$7,554 00</b> |

LIST of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.  
COMPETENCY.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                                | Address.              | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|---------------------------------------|-----------------------|-------------------------------|---------|
|                     | 1883.                |                          |                                       |                       |                               | \$ cts. |
| 1                   | Dec. 26...           | Lovitt Wilson Hines..... | Master, coasting,<br>fore and aft.    | Argyle, N.S .....     | Yarmouth .....                | 8 00    |
|                     | 1884.                |                          |                                       |                       |                               |         |
| 2                   | Jan. 15...           | Jas. Woodworth Gould..   | do                                    | Canada Creek, N.S     | Halifax.....                  | 8 00    |
| 3                   | do 24...             | H. O. Comeau .....       | do                                    | Carleton, N.B .....   | St. John.....                 | 8 00    |
| 4                   | do 24...             | Wm. A. Finley .....      | do                                    | Portland, N.B .....   | do .....                      | 8 00    |
| 5                   | do 24...             | Walter L. McLean .....   | do                                    | St. John, N.B.....    | do .....                      | 8 00    |
| 6                   | do 24...             | E. A. Holder .....       | do                                    | Portland, N.B .....   | do .....                      | 8 00    |
| 7                   | Feb. 13...           | H. N. Prince .....       | do                                    | St. John, N.B.....    | do .....                      | 8 00    |
| 8                   | do 13...             | Cornelius Ed. Haley..... | do                                    | do .....              | do .....                      | 8 00    |
| 9                   | do 13...             | C. T. Calkin.....        | do                                    | Hillsboro', N.B ..... | do .....                      | 8 00    |
| 10                  | Mar. 10...           | Elias Bennett .....      | do                                    | do .....              | do .....                      | 8 00    |
| 11                  | do 13...             | James A. Dixon .....     | do                                    | St. John, N.B.....    | do .....                      | 8 00    |
| 12                  | do 20...             | Daniel F. Grady.....     | do                                    | Carleton, N.B .....   | do .....                      | 8 00    |
| 13                  | do 20...             | H. S. Young.....         | do                                    | do .....              | do .....                      | 8 00    |
| 14                  | do 20...             | George D. Purdy .....    | do                                    | do .....              | do .....                      | 8 00    |
| 15                  | do 28..              | James Williamson .....   | Master, str., minor<br>inland waters. | Grenville, Que .....  | Ottawa .....                  | 8 00    |
| 16                  | do 31...             | H. Wm. Bowie.....        | do                                    | Ottawa, Ont.....      | do .....                      | 8 00    |
| 17                  | do 31...             | Walter Percy.....        | do                                    | do .....              | do .....                      | 8 00    |
| 18                  | April 1...           | Ohas. Wm. McK. Swaine.   | Master, square rig,<br>coasting.      | N. E. Harbor, N.S.    | Yarmouth .....                | 8 00    |
| 19                  | do 1...              | John A. Stuart .....     | do                                    | Church Point, N.S     | do .....                      | 8 00    |
| 20                  | do 1...              | James LeBlanc .....      | do                                    | Tusket, N.S.....      | do .....                      | 8 00    |
| 21                  | do 2...              | William Henry .....      | Mate, str., inland<br>waters.         | Prescott, Ont.....    | Prescott.....                 | 4 00    |
| 22                  | do 2...              | Joseph John Cowan.....   | do                                    | do .....              | do .....                      | 4 00    |
| 23                  | do 9...              | Alexander McLean.....    | Master, str., coast-<br>ing.          | Victoria, B.C.....    | Victoria .....                | 8 00    |
| 24                  | do 9...              | John Leech.....          | Mate, str., coasting                  | do .....              | do .....                      | 4 00    |
| 25                  | do 9...              | John Sinclair.....       | Master, str., inland<br>waters.       | Owen Sound, Ont.      | Owen Sound...                 | 8 00    |
| 26                  | do 9...              | Chas. Gordon .....       | Mate, str., inland<br>waters.         | do .....              | do .....                      | 4 00    |
| 27                  | do 9...              | James M. Seater .....    | do                                    | do .....              | do .....                      | 4 00    |



## List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &amp;c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                                    | Address.                | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|---|-------------------------|-------------------------------|---------|
|                     | 1884.                |                          |   |                         |                               | \$ cts. |
| 28                  | April 9...           | Alex. McLeod .....       | Master, str., inland waters.              | Owen Sound, Ont.        | Collingwood..                 | 8 00    |
| 29                  | do 9...              | John Foley.....          | do ...                                    | Collingwood, Ont.       | do ...                        | 8 00    |
| 30                  | do 9...              | Henry Jeffrey.....       | do ...                                    | Windsor, Ont .....      | do ...                        | 8 00    |
| 31                  | do 9...              | James Hanley . . . . .   | Master, str., fore and aft, inland waters | Kingston, Ont .....     | Kingston.....                 | 8 00    |
| 32                  | do 17...             | George P. Clifford ..... | Master, str., inland waters.              | St. Catharines, Ont.    | St. Catharines                | 8 00    |
| 33                  | do 17...             | Malcolm McLeod.....      | Mate, str., inland waters.                | Port Colborne, Ont.     | do ...                        | 4 00    |
| 34                  | do 17...             | D. Rudderham.....        | Master, str., coasting.                   | North Sydney, C.B. N.S. | Sydney.....                   | 8 00    |
| 35                  | do 17...             | D. N. McDonald .....     | Master, square rig, coasting.             | Glace Bay, C.B., N.S.   | do .....                      | 8 00    |
| 36                  | do 17...             | Chas. Lorway .....       | do ...                                    | Sydney, C.B., N.S.      | do .....                      | 8 00    |
| 37                  | do 17...             | Robert Sharp.....        | Master, str., coasting.                   | Victoria, B.C. ....     | Victoria.....                 | 8 00    |
| 38                  | do 17...             | Neil Campbell .....      | Master, str., inland waters.              | Collingwood, Ont.       | Collingwood..                 | 8 00    |
| 39                  | do 17...             | Peter Olssen.....        | do ...                                    | do ...                  | do ...                        | 8 00    |
| 40                  | do 29...             | John Val. Trowell .....  | do ...                                    | Toronto, Ont .....      | Toronto .....                 | 8 00    |
| 41                  | do 29...             | Neil Landry.....         | Master, square rig, coasting.             | Cow Bay, C.B., N.S.     | Sydney .....                  | 8 00    |
| 42                  | do 21...             | B. M. Edin.....          | do ...                                    | Lakefield, Ont.....     | Peterboro'.....               | 8 00    |
| 43                  | do 24...             | Wm. James Bassett .....  | Master, str., inland waters.              | Collingwood, Ont.       | Toronto ... ..                | 8 00    |
| 44                  | do 24...             | John Clifford.....       | do ...                                    | St. Catharines, Ont.    | St. Catharines                | 8 00    |
| 45                  | do 24...             | H. Stanton .....         | Master, str., fore and aft, inland waters | Picton, Ont.....        | Picton.....                   | 8 00    |
| 46                  | do 21...             | Edmond Groulx .....      | Mate, str., inland waters.                | Beauharnois, Que.       | Montreal.....                 | 4 00    |
| 47                  | do 24...             | John Keith .....         | Master, square rig, inland waters.        | Port Colborne, Ont.     | Cobourg.....                  | 8 00    |
| 48                  | do 24...             | James Joseph Fleming...  | Mate, fore and aft, inland waters.        | Kingston, Ont.....      | Kingston .....                | 4 00    |
| 49                  | do 29...             | Chas. Jos. Beanpré.....  | Master, fore and aft, inland waters.      | Portsmouth, Ont..       | Kingston .....                | 8 00    |
| 50                  | do 29...             | DeWitt Carter .....      | Master, str., inland waters.              | Port Colborne, Ont.     | St. Catharines                | 8 00    |
| 51                  | do 29...             | Jas. McMaugh .....       | do ...                                    | St. Catharines, Ont.    | do ...                        | 8 00    |
| 52                  | do 29...             | Arthur May.....          | do ...                                    | do ...                  | do ...                        | 8 00    |
| 53                  | do 29...             | Henry Chestnut.....      | do ...                                    | do ...                  | do ...                        | 8 00    |
| 54                  | do 29..              | H. McClory.....          | Master, fore and aft, inland waters.      | do ...                  | do ...                        | 8 00    |
| 55                  | do 26...             | Chas. S. Carter .....    | Master, str., inland waters.              | Port Colborne, Ont.     | do ...                        | 8 00    |
| 56                  | May 1...             | Geo. Riverin.....        | do ...                                    | Murray Bay, Que..       | Quebec.....                   | 8 00    |

LIST of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate. | Date of Certificate. | Name.                  | Grade.                                 | Address.                 | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|------------------------|--|--------------------------|-------------------------------|---------|
|                     |                      |                        |  |                          |                               | \$ cts. |
| 57                  | May 1...             | L. R. Demers.....      | Master, str. and square rig, coasting. | Quebec.....              | Quebec.....                   | 8 00    |
| 58                  | do 1...              | J. B. Nadeau.....      | Master, str, coasting.                 | Lévis, Que.....          | do .....                      | 8 00    |
| 59                  | do 1...              | J. B. Patoine.....     | do .....                               | do .....                 | do .....                      | 8 00    |
| 60                  | do 1...              | F. M. White.....       | do .....                               | Victoria, B.C.....       | Victoria.....                 | 8 00    |
| 61                  | April 29...          | A. W. McMaugh.....     | Master, str., inland waters.           | St. Catharines, Ont..... | Windsor.....                  | 8 00    |
| 62                  | May 7...             | Jas. Boaz.....         | Master, fore and aft, inland waters.   | Windsor, Ont.....        | do .....                      | 8 00    |
| 63                  | do 8...              | R. B. Somerville.....  | Master, fore and aft, coasting.        | St. John, N.B.....       | St. John.....                 | 8 00    |
| 64                  | do 8...              | Thos. Clark.....       | Master, str., coasting.                | Portland, N.B.....       | do .....                      | 8 00    |
| 65                  | do 5...              | Jas. Ormond.....       | Master, square rig, coasting.          | Sydney, B.C., N.S.....   | Sydney.....                   | 8 00    |
| 66                  | do 7...              | Daniel May.....        | Master, fore and aft, inland waters.   | Port Stanley, Ont.....   | St. Catharines.....           | 8 00    |
| 67                  | do 5...              | Wm. Connor.....        | Master, str., inland waters.           | St. Catharines, Ont..... | do .....                      | 8 00    |
| 68                  | do 7...              | Jas. McSherry.....     | Master, str, minor inland waters.      | Toronto, Ont.....        | Toronto.....                  | 8 00    |
| 69                  | do 7...              | W. E. Murphy.....      | do .....                               | do .....                 | do .....                      | 8 00    |
| 70                  | do 10...             | Denis Enright.....     | Master, fore and aft, inland waters.   | St. Catharines, Ont..... | St. Catharines.....           | 8 00    |
| 71                  | do 16...             | Wm. Bloomfield.....    | Mate, str., minor inland waters.       | Kingston, Ont.....       | Kingston.....                 | 4 00    |
| 72                  | do 15...             | T. H. Benwell.....     | Master, str., minor inland waters.     | Lion's Head, Ont.....    | St. Catharines.....           | 8 00    |
| 73                  | do 16...             | Geo. W. Robertson..... | Mate, fore and aft, inland waters.     | Port Hope, Ont.....      | Port Hope.....                | 4 00    |
| 74                  | do 16...             | S. V. Anderson.....    | Master, str., minor inland waters.     | Picton, Ont.....         | Picton.....                   | 8 00    |
| 75                  | do 16...             | John Williams.....     | Master, fore and aft, inland waters.   | Norway, Ont.....         | Toronto.....                  | 8 00    |
| 76                  | do 16...             | Robert D. Foote.....   | Master, str., inland waters.           | Fergus, Ont.....         | do .....                      | 8 00    |
| 77                  | do 16...             | Thos. C. Boothman..... | do .....                               | Hamilton, Ont.....       | do .....                      | 8 00    |
| 78                  | do 16...             | Jas. Robertson.....    | Master, fore and aft, inland waters.   | Toronto, Ont.....        | do .....                      | 8 00    |
| 79                  | do 30...             | Robt. Walton.....      | Master, str., inland waters.           | Port Dalhousie, Ont..... | St. Catharines.....           | 8 00    |
| 80                  | do 29...             | J. T. Lewis.....       | Master, square rig, coasting.          | Point Edward, N.S.....   | Sydney.....                   | 8 00    |
| 81                  | do 29...             | Wm. McBride.....       | do .....                               | Harbourville, N.S.....   | St. John.....                 | 8 00    |
| 82                  | June 9...            | C. D. Dykeman.....     | Master, fore and aft, coasting.        | St John, N.B.....        | do .....                      | 8 00    |
| 83                  | do 21...             | Marcus Hicks.....      | Master, square rig, coasting.          | Dorchester, N.B.....     | do .....                      | 8 00    |
| 84                  | do 26...             | Paul Howell.....       | Master, str., inland waters.           | Port Arthur, Ont.....    | Toronto.....                  | 8 00    |

List of Certificates of Competency and Service granted to Masters and Mates of  
Inland and Coasting Vessels, &c.—Continued.

| No. of Certificate.   | Date of Certificate. | Name.                   | Grade.                                  | Address.                  | Where Examination was Passed. | Fee.    |
|-----------------------|----------------------|-------------------------|---|---------------------------|-------------------------------|---------|
|                       | 1884.                |                         |   |                           |                               | \$ cts. |
| 85                    | July 9...            | Robert Rankin.....      | Mate, fore and aft,<br>inland waters.   | Port Hope, Ont.....       | Port Hope.....                | 4 00    |
| 86                    | do 10...             | Samuel Hill.....        | Mate, str., inland<br>waters.           | Medonté, Ont.....         | Collingwood...                | 4 00    |
| 87                    | do 17...             | Louis Bang.....         | Master, fore and aft,<br>inland waters. | Port Dalhousie, Ont       | St. Catharines                | 8 00    |
| 88                    | Aug. 4...            | Chas. E. McArthur.....  | Master, square rig,<br>coasting.        | Picton, N.S.....          | Sydney.....                   | 8 00    |
| 89                    | do 28...             | Wm. Carlin.....         | do                                      | ... Sydney, C.B., N.S.    | do .....                      | 8 00    |
| 90                    | Sept. 10...          | E. E. Cleveland.....    | Master, str., minor<br>inland waters.   | Londonville,<br>N.S.W.    | Georgeville....               | 8 00    |
| 91                    | Oct. 30...           | F. M. Hackett.....      | Master, square rig,<br>coasting.        | North Sydney, C.B<br>N.S. | Sydney.....                   | 8 00    |
| 92                    | Nov. 19...           | Robt. Chestnut.....     | Master, str., inland<br>waters.         | St. Catharines,<br>Ont.   | St. Catharines                | 8 00    |
| 93                    | do 19...             | Leander Estabrooks..... | do                                      | ... Lower Burton, N.B     | St. John.....                 | 8 00    |
| 94                    | Dec. 31...           | F. E. Vincent.. .....   | Master, str., minor<br>inland waters.   | Midland, Ont. ....        | Toronto .....                 | 8 00    |
| 95                    | do 31...             | Oliver Patenaude.....   | Master, str., inland<br>waters.         | Melocheville, Que.        | do .....                      | 8 00    |
| 96                    | do 31...             | Wm. G. Batten.....      | do                                      | ... Barriefield, Ont..... | do .....                      | 8 00    |
| Total Competency..... |                      |                         |   |                           |                               | 720 00  |

APPENDIX No. 3.

REPORT OF THE CHAIRMAN OF THE BOARD OF EXAMINERS OF MASTERS AND MATES, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

HALIFAX, N.S., 5th January, 1885.

SIR,—I have the honor to submit a Report of the proceedings of the Board of Examiners of Masters and Mates, for the calendar year ended 31st December, 1884. The Board sat at the Ports of Quebec, Charlottetown, P.E.I., St. John, N.B., Yarmouth, N.S., and Halifax, N.S.

At Halifax, N.S., on 7th and 8th January :

|  |   |
|--|---|
| Masters who obtained certificates..... | 1 |
| Mates do do .....                      | 4 |

One candidate for the grade of Master and two for that of Mate having failed in navigation.

At Yarmouth, N.S., 14th and 15th January :

|   |     |
|---|-----|
| Masters who obtained certificates ..... | nil |
| Mates do do .....                       | 4   |

At St. John, N.B., on 17th and 18th January :

|   |     |
|---|-----|
| Masters who obtained certificates ..... | nil |
| Mates do do .....                       | 1   |
| 2nd Mates do do .....                   | 1   |

One candidate for the grade of Master and one for that of Mate having failed in navigation.

At Halifax, N.S., on 1st and 2nd February :

|   |   |
|---|---|
| Masters who obtained certificates ..... | 3 |
| Mates do do .....                       | 2 |

One candidate for the grade of Mate having failed in navigation.

At St. John, N.B., on 3rd and 4th March :

|   |   |
|---|---|
| Masters who obtained certificates ..... | 1 |
| Mates do do .....                       | 3 |

Four candidates for the grade of Mate having failed in navigation.

At Yarmouth, N.S., on 6th and 7th March :

|  |   |
|--|---|
| Masters who obtained certificates..... | 2 |
| Mates do do .....                      | 1 |

One candidate for the grade of Master and two for that of Mate having failed in navigation, and two for the latter grade failing in seamanship.

At Halifax, on 12th and 13th March :

|  |   |
|--|---|
| Masters who obtained certificates..... | 4 |
| Mates do do .....                      | 1 |
| 2nd Mates do do .....                  | 1 |

Two candidates for the grade of Mate having failed in navigation.

At Halifax, N.S., on 3rd and 4th April :

|  |   |
|--|---|
| Masters who obtained certificates..... | 1 |
| Mates do do .....                      | 2 |
| 2nd Mates do do .....                  | 1 |

On candidate for the grade of Mate having failed in navigation.

|  |      |
|--|------|
| At Yarmouth, N.S., on 14th and 15th April :  |      |
| Masters who obtained certificates.....   | 2    |
| Mates do do .....  | 1    |
| One candidate for the grade of Master and four for that of Mate having failed in navigation.   |      |
| At St. John, N.B., on 17th and 18th April :  |      |
| Masters who obtained certificates.....   | 1    |
| Mates do do .....  | 5    |
| 2nd Mates do do .....  | 1    |
| One candidate for the grade of Mate having failed in navigation.                               |      |
| At Charlottetown, P.E.I., on 3rd and 5th May :   |      |
| Masters who obtained certificates.....   | 1    |
| Mates do do .....  | 1    |
| One candidate for the grade of Mate and one for that of 2nd Mate having failed in navigation.  |      |
| At Halifax, N.S., on 8th and 9th May :   |      |
| Masters who obtained certificates.....   | nil. |
| Mates do do .....  | 5    |
| At St. John, N.B., on 17th and 19th May :  |      |
| Masters who obtained certificates.....   | nil. |
| Mates do do .....  | 1    |
| One candidate for the grade of Master and three for that of Mate having failed in navigation.  |      |
| At Yarmouth, N.S., on 20th and 21st May :  |      |
| Masters who obtained certificates.....   | 2    |
| Mates do do .....  | 1    |
| Two candidates for the grade of Mate and one for that of 2nd Mate having failed in navigation. |      |
| At Halifax, N.S., on 4th and 5th June :  |      |
| Masters who obtained certificates.....   | 2    |
| Mates do do .....  | 2    |
| Two candidates for the grade of Mate having failed in navigation.                              |      |
| At St. John, N.B., on 11th and 12th June :   |      |
| Masters who obtained certificates.....   | 3    |
| Mates do do .....  | 2    |
| Two candidates for the grade of Mate having failed in navigation.                              |      |
| At Yarmouth, N.S., on 14th and 16th June :   |      |
| Masters who obtained certificates .....  | 1    |
| Mates do do .....  | 1    |
| At Halifax, N.S., on 2nd and 3rd July :  |      |
| Masters who obtained certificates.....   | 2    |
| Mates do do .....  | 1    |
| 2nd Mates do do .....  | 1    |
| Four candidates for the grade of Mate having failed in navigation.                             |      |
| At Halifax, N.S., on 9th and 10th July :   |      |
| Masters who obtained certificates.....   | 2    |
| Mates do do .....  | 1    |
| One candidate for the grade of Mate having failed in navigation.                               |      |
| At Yarmouth, N.S., on 12th and 14th July :   |      |
| Masters who obtained certificates.....   | 2    |
| Mates do do .....  | nil. |
| Two candidates for the grade of Mate having failed in navigation.                              |      |

|   |  |      |
|---|--|------|
| At Halifax, N.S., on 1st and 2nd August :   |  |      |
| Masters who obtained certificates.....  |  | nil. |
| Mates do do .....   |  | 3    |
| One candidate for the grade of Master and three for that of Mate having failed in navigation. |  |      |
| At Yarmouth, N.S., on 9th and 11th August :   |  |      |
| Masters who obtained certificates.....  |  | nil. |
| Mates do do .....   |  | 3    |
| One candidate for the grade of Mate having failed in navigation.                              |  |      |
| At St. John, N.B., on 13th and 14th August :  |  |      |
| Masters who obtained certificates.....  |  | 4    |
| Mates do do .....   |  | 1    |
| Two candidates for the grade of Mate having failed in navigation.                             |  |      |
| At Halifax, N.S., on 1st and 2nd September :  |  |      |
| Masters who obtained certificates.....  |  | 2    |
| Mates do do .....   |  | 2    |
| 2nd Mates do do .....   |  | 1    |
| Two candidates for the grade of Mate having failed in navigation.                             |  |      |
| At St. John, N.B., on 11th and 12th September :   |  |      |
| Masters who obtained certificates.....  |  | 5    |
| Mates do do .....   |  | 1    |
| Two candidates for the grade of Mate having failed in navigation.                             |  |      |
| At Halifax, N.S., on 1st and 2nd October :  |  |      |
| Masters who obtained certificates .....   |  | 1    |
| Mates do do .....   |  | 3    |
| One candidate for the grade of 2nd Mate having failed in navigation.                          |  |      |
| At Yarmouth, N.S., on 7th and 8th October :   |  |      |
| Masters who obtained certificates.....  |  | 2    |
| Mates do do .....   |  | 4    |
| One candidate for the grade of Mate having failed in navigation.                              |  |      |
| At St. John, N.B., on 10th and 11th October :   |  |      |
| Masters who obtained certificates.....  |  | 1    |
| Mates do do .....   |  | 4    |
| 2nd Mates do do .....   |  | 1    |
| At Halifax, N.S., on 4th and 5th November :   |  |      |
| Masters who obtained certificates.....  |  | 1    |
| Mates do do .....   |  | 3    |
| One candidate for the grade of Master having failed in navigation.                            |  |      |
| At Quebec, on 10th and 11th November :  |  |      |
| Masters who obtained certificates.....  |  | 2    |
| Mates do do .....   |  | nil. |
| At St. John, N.B., on 14th and 15th November :  |  |      |
| Masters who obtained certificates.....  |  | 2    |
| Mates do do .....   |  | 1    |
| One candidate for the grade of Master having failed in navigation.                            |  |      |
| At Yarmouth, N.S., on 18th and 19th November :  |  |      |
| Masters who obtained certificates.....  |  | 3    |
| Mates do do .....   |  | 1    |
| At Halifax, N.S., on 1st and 2nd December :   |  |      |
| Masters who obtained certificates.....  |  | 1    |
| Mates do do .....   |  | nil. |

At St. John, N.B., on 18th and 19th December :

|  |     |
|--|-----|
| Masters who obtained certificates..... | nil |
| Mates do do .....                      | 2   |

One candidate for the grade of Master having failed in navigation.

At Yarmouth, N.S., on 29th and 30th December :

|   |     |
|---|-----|
| Masters who obtained certificates. .... | 2   |
| Mates do do .....                       | nil |

Two candidates for the grade of Mate having failed in navigation.

Thus it will be seen that during the year there were 192 applications made at the several ports, with 62 failures, an average of 30 per cent. unsuccessful and 70 per cent. successful candidates.

At Halifax, N.S., 20 Masters and 33 Mates passed, and 3 Masters and 19 Mates failed.

At St. John, N.B., 17 Masters and 24 Mates passed, and 4 Masters and 15 Mates failed.

At Yarmouth, N.S., 16 Masters and 16 Mates passed, and 2 Masters and 17 Mates failed.

At Charlottetown, P.E.I., 1 Master and 1 Mate passed, and 2 Mates failed.

At Quebec, 2 Masters passed, not any failing.

Twenty-six service sea-going certificates have also been issued during the year, 14 to Masters and 12 to Mates.

I am, Sir,

Your most obedient servant,

P. A. SCOTT,

*Chairman.*

The Deputy Minister of Marine,  
Ottawa.

LIST of Certificates of Competency and Service granted to Masters and Mates of Foreign Sea-going Vessels by the Department of Marine of the Dominion of Canada, for the Year ended 31st December, 1884.

## COMPETENCY.

| No. of Certificates. | Date of Certificate. | Name.                     | Grade.        | Address.                  | Where Examination was Passed. | Fee.    |
|----------------------|----------------------|---------------------------|---------------|---------------------------|-------------------------------|---------|
|                      | 1884.                |                           |               |                           |                               | \$ cts. |
| 1970                 | Jan. 17...           | Clarence Nelson Cox ..... | Mate .....    | Maitland, N.S. ....       | Halifax .....                 | 5 00    |
| 1971                 | do 17...             | Douglas Morrison .....    | do .....      | Port Hawkesbury,<br>N.S.  | do .....                      | 5 00    |
| 1972                 | do 17...             | John Howard Fraser.....   | do .....      | Pictou, N.S.....          | do .....                      | 5 00    |
| 1973                 | do 17...             | Charles Oman Allen .....  | do .....      | Horton, N.S.....          | do .....                      | 5 00    |
| 1974                 | do 17...             | John Nelson.....          | Master.....   | Maitland, N.S.....        | do .....                      | 10 00   |
| 1975                 | do 24...             | Andw. Trefery Whitehouse  | Mate .....    | Deerfield, N.S.....       | Yarmouth.....                 | 5 00    |
| 1976                 | do 24...             | Wm. Arthur Cook .....     | do .....      | Chebogue, N.S. ....       | do .....                      | 5 00    |
| 1977                 | do 24...             | Aaron Shaw.....           | do .....      | Sandford, N.S.....        | do .....                      | 5 00    |
| 1978                 | do 24...             | Thomas German.....        | do .....      | Meteghan, N.S.....        | do .....                      | 5 00    |
| 1979                 | do 25...             | Robt. Watt Knaut ... ..   | do .....      | Liverpool, N.S.....       | St. John.....                 | 5 00    |
| 1980                 | do 25...             | Cecil Loudon Dernier..... | 2nd Mate..... | St. John, N.B.....        | do .....                      | 5 00    |
| 1981                 | Feb. 7...            | Richard Lee.....          | Mate.....     | Harborville, N.S...       | Halifax .....                 | 5 00    |
| 1982                 | do 7...              | James Martin.....         | do .....      | Londonderry, N.S.         | do .....                      | 5 00    |
| 1983                 | do 7...              | Philip Davis Graham.....  | Master .....  | Dartmouth, N.S....        | do .....                      | 10 00   |
| 1984                 | do 7...              | David Perley Crowe .....  | do .....      | De Bert, N.S.....         | do .....                      | 10 00   |
| 1985                 | do 7...              | Hugh Nelson McCully.....  | do .....      | do .....                  | do .....                      | 10 00   |
| 1986                 | Mar. 10...           | Judson Tweedy Carey.....  | Mate.....     | Spencer's Island,<br>N.S. | St. John.....                 | 5 00    |
| 1987                 | do 10...             | Frederick Harrison Rowan. | Master .....  | St. John, N.B. ....       | do .....                      | 10 00   |
| 1988                 | do 10...             | George Townsend Muggah.   | Mate.....     | Sydney, C.B.....          | do .....                      | 5 00    |
| 1989                 | do 10...             | Frederick Sanderson ..... | do .....      | Maitland, N.S.....        | do .....                      | 5 00    |
| 1990                 | do 19...             | Watson Baker Butler.....  | Master.....   | Hebron, N.S.....          | Yarmouth.....                 | 10 00   |
| 1991                 | do 19...             | Cutler Snow.....          | Mate.....     | Sandy Cove, N.S..         | do .....                      | 5 00    |
| 1992                 | do 10...             | Robert Alfred Newcomb...  | Master .....  | Port Williams, N.S.       | Yarmouth.....                 | 10 00   |
| 1993                 | do 25...             | Martin Larson .....       | do .....      | Halifax, N.S.....         | Halifax .....                 | 10 00   |
| 1994                 | do 25...             | Joseph Knapp Matson.....  | 2nd Mate..... | do .....                  | do .....                      | 5 00    |
| 1995                 | do 25...             | Thomas Renouf .....       | Mate .....    | do .....                  | do .....                      | 5 00    |
| 1996                 | do 25...             | Amos Corbett .....        | Master .....  | Londonderry, N.S..        | do .....                      | 10 00   |



## List of Certificates of Competency granted to Masters and Mates—Continued.

| No. of Certificate. | Date of Certificate. | Name.                       | Grade.       | Address.                   | Where Examination was Passed. | Fee.<br>\$ cts. |
|---------------------|----------------------|-----------------------------|--------------|----------------------------|-------------------------------|-----------------|
| 1997                | Mar. 25...           | William Cox.....            | Master ..... | Maitland, N.S.....         | Halifax.....                  | 10 00           |
| 1998                | do 25...             | Caleb Putnam Cox .....      | do .....     | do .....                   | do .....                      | 10 00           |
| 1999                | April 17...          | Oscar Hilmer Henderson ...  | do .....     | Halifax, N.S.....          | do .....                      | 10 00           |
| 2000                | do 17...             | Edward Kennedy .....        | Mate .....   | Souris, P.E.I.....         | do .....                      | 5 00            |
| 2001                | do 18...             | Edwin Petrie.....           | do .....     | Low Point, C.B....         | do .....                      | 5 00            |
| 2002                | do 18...             | Beverley Owen.....          | 2nd Mate...  | Lunenburg, N.S....         | do .....                      | 5 00            |
| 2003                | do 22...             | John Andrew B. Ross.....    | Master ..... | Yarmouth, N.S....          | Yarmouth.....                 | 10 00           |
| 2004                | do 22...             | Ralph Churchill .....       | do .....     | Hebron, N.S.....           | do .....                      | 10 00           |
| 2005                | do 22...             | Chas. Wm. McK. Swaine...    | Mate .....   | North East Harbor,<br>N.S. | do .....                      | 5 00            |
| 2006                | do 23...             | John Reid... ..             | do .....     | Parrsboro', N.S....        | St. John.....                 | 5 00            |
| 2007                | do 23...             | Fred. Harold West.....      | do .....     | Milton, N.S.....           | do .....                      | 5 00            |
| 2008                | do 23...             | Ambrose Von Allen.....      | do .....     | Lockport, N.S....          | do .....                      | 5 00            |
| 2009                | do 23...             | Edmund Spicer .....         | do .....     | Parrsboro', N.S....        | do .....                      | 5 00            |
| 2010                | do 23...             | Henry Alexander Rowan...    | Master ..... | St. John, N.B.....         | do .....                      | 10 00           |
| 2011                | do 23...             | James Walker Knox .....     | 2nd Mate...  | do .....                   | do .....                      | 5 00            |
| 2012                | do 23...             | Blanchard Gardner .....     | Mate .....   | Liverpool, N.S.....        | do .....                      | 5 00            |
| 2013                | May 14...            | David Angus McRae .....     | do .....     | Prince Edward Is-<br>land. | Halifax.....                  | 5 00            |
| 2014                | do 14...             | Frederick Ells.....         | do .....     | Windsor, N.S.....          | do .....                      | 5 00            |
| 2015                | do 14...             | Harlan Silas Corbett.....   | do .....     | Londonderry, N.S.          | do .....                      | 5 00            |
| 2016                | do 14...             | William Peoples Harvie....  | do .....     | Avondale, N.S.....         | do .....                      | 5 00            |
| 2017                | do 14...             | Whidden Harvey .....        | do .....     | do .....                   | do .....                      | 5 00            |
| 2018                | do 13...             | Daniel McLeod .....         | Master ..... | Charlottetown,<br>P.E.I.   | Charlottetown                 | 10 00           |
| 2019                | do 13...             | William Cameron Grant....   | Mate .....   | Georgetown, P.E.I.         | do .....                      | 5 00            |
| 2020                | do 30...             | Henry Farnham Letson.....   | do .....     | Chatham, N.B.....          | St. John.....                 | 5 00            |
| 2021                | do 30...             | Elkanagh Trusk Mills.. .... | do .....     | Windsor, N.S.....          | Yarmouth.....                 | 5 00            |
| 2022                | do 30...             | Charles Walton Murphy....   | Master ..... | Brooklyn, N.S.....         | do .....                      | 10 00           |
| 2023                | do 30...             | Robert Sears Salis .....    | do .....     | Digby, N.S.....            | do .....                      | 10 00           |
| 2024                | June 11...           | Chas. Inglis Morris .....   | Mate .....   | Harbourville, N.S.         | Halifax.....                  | 5 00            |
| 2025                | do 11...             | James Forrester Forbes..... | Master. . .  | Clifton, N.S.....          | do .....                      | 10 00           |

LIST of Certificates of Competency granted to Masters and Mates—*Continued.*

| No. of Certificate. | Date of Certificate. | Name.                       | Grade.        | Address.                  | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|-----------------------------|---------------|---------------------------|-------------------------------|---------|
|                     | 1884.                |                             |               |                           |                               | \$ cts. |
| 2026                | June 11...           | Samuel Bradley.....         | Mate.....     | Maitland, N.S.....        | Halifax.....                  | 5 00    |
| 2027                | do 11...             | Levi Atkins.....            | Master.....   | Guysboro', N.S....        | do.....                       | 10 00   |
| 2028                | do 17...             | John Joseph Bennett.....    | do.....       | St. John, N.B.....        | St. John.....                 | 10 00   |
| 2029                | do 17...             | Frank Percy Trites.....     | do.....       | do.....                   | do.....                       | 10 00   |
| 2030                | do 17...             | James Fenly Munroe.....     | Mate.....     | Portland, N.B.....        | do.....                       | 5 00    |
| 2031                | do 17...             | John Henry Gesner.....      | do.....       | Annapolis, N.S....        | do.....                       | 5 00    |
| 2032                | do 17...             | William Read Palmer.....    | Master.....   | Dorchester, N.B....       | do.....                       | 10 00   |
| 2033                | do 23...             | Chas. Pinkney Kainey.....   | do.....       | Yarmouth, N.S.....        | Yarmouth.....                 | 10 00   |
| 2034                | do 23...             | Thomas Barnard Richards.    | Mate.....     | Tusket, N.S.....          | do.....                       | 5 00    |
| 2035                | July 10...           | Alfred McDougall.....       | Master.....   | Maitland, N.S.....        | Halifax.....                  | 10 00   |
| 2036                | do 10...             | Ira Marven Mosher.....      | do.....       | Mosherville, N.S....      | do.....                       | 10 00   |
| 2037                | do 10...             | Wm. Robson.....             | Mate.....     | Gaspé, Que.....           | do.....                       | 5 00    |
| 2038                | do 10...             | Emerson Graves.....         | 2nd Mate..... | Aylesford, N.S....        | do.....                       | 5 00    |
| 2039                | do 16...             | Whitfield A. Bradshaw.....  | Master.....   | Quaco, N.B.....           | St. John.....                 | 10 00   |
| 2040                | do 16...             | Harry Foot.....             | do.....       | St. John, N.B.....        | do.....                       | 10 00   |
| 2041                | do 16...             | Chas. Tupper Porter.....    | Mate.....     | Spencer's Island,<br>N.S. | do.....                       | 5 00    |
| 2042                | do 18...             | James Edwards Scott.....    | Master.....   | Yarmouth, N.S....         | Yarmouth.....                 | 10 00   |
| 2043                | do 18...             | George Clarence Jenkins...  | do.....       | Beaver River, N.S.        | do.....                       | 10 00   |
| 2044                | Aug. 7...            | David Richard Williams....  | Mate.....     | St. John, N.B.....        | Halifax.....                  | 5 00    |
| 2045                | do 7...              | Elkanah Young Porter.....   | do.....       | Spencer's Island,<br>N.S. | do.....                       | 5 00    |
| 2046                | do 7...              | Charles Campbell.....       | do.....       | Halifax, N.S.....         | do.....                       | 5 00    |
| 2047                | do 18...             | Wallace Pitman Jeffery..... | do.....       | Maitland, N.S.....        | Yarmouth.....                 | 5 00    |
| 2048                | do 18...             | Wentworth Evelyn Baker..    | do.....       | Chebogue, N.S.....        | do.....                       | 5 00    |
| 2049                | do 18...             | Charles Frederick Leary ..  | do.....       | Sandy Cove, N.S....       | do.....                       | 5 00    |
| 2050                | do 21...             | Robins Crosby Churchill...  | Master.....   | St. John, N.B.....        | St. John.....                 | 10 00   |
| 2051                | do 21...             | Charles Frederick Hardt ..  | do.....       | Port Caledonia,<br>C.B.   | do.....                       | 10 00   |
| 2052                | do 21...             | Wm. Joseph Codie.....       | do.....       | St. John, N.B.....        | do.....                       | 10 00   |
| 2053                | do 21...             | Watson Hall Delap.....      | do.....       | Grenville, N.S.....       | do.....                       | 10 00   |
| 2054                | do 21...             | Harry Mowatt.....           | Mate.....     | St. Andrew's, N.B.        | do.....                       | 5 00    |

## LIST of Certificates of Competency granted to Masters and Mates—Continued.

| No. of Certificate. | Date of Certificate. | Name.                       | Grade.       | Address.                  | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|-----------------------------|--------------|---------------------------|-------------------------------|---------|
|                     | 1884.                |                             |              |                           |                               | \$ est. |
| 2055                | Sept. 10...          | Alexander Dick Faulkner...  | 2nd Mate.... | Londonderry, N.S.         | Halifax.....                  | 5 00    |
| 2056                | do 10...             | Peter Richards.....         | Mate.....    | Georgetown, P.E.I.        | do.....                       | 5 00    |
| 2057                | do 10...             | Henry McDonald.....         | do.....      | Halifax, N.S.....         | do.....                       | 5 00    |
| 2058                | do 10...             | John Oxley.....             | Master.....  | Londonderry, N.S.         | do.....                       | 10 00   |
| 2059                | do 16...             | Roland Samuel Thurber....   | do.....      | Freeport, N.S.....        | do.....                       | 10 00   |
| 2060                | do 16...             | Frederick Bell.....         | do.....      | St. John, N.B.....        | St. John.....                 | 10 00   |
| 2061                | do 16...             | Ingram Troop.....           | Mate.....    | Moncton, N.B.....         | do.....                       | 5 00    |
| 2062                | do 16...             | Wm. Ambrose Steeves.....    | Master.....  | Hillsboro', N.B....       | do.....                       | 10 00   |
| 2063                | do 16...             | Thomas Carland.....         | do.....      | Tynemouth Creek,<br>N.B.  | do.....                       | 10 00   |
| 2064                | do 16...             | Seymour Sutherland.....     | do.....      | Advocate Harbor,<br>N.S.  | do.....                       | 10 00   |
| 2065                | do 16...             | George Howard Johns.....    | do.....      | Weymouth, N.S....         | do.....                       | 10 00   |
| 2066                | Oct. 9...            | Peter Decost.....           | Mate.....    | Harbor au Bouche,<br>N.S. | Halifax.....                  | 5 00    |
| 2067                | do 9...              | Arthur Wilson Smith.....    | Master.....  | Mount Denson, N.S.        | do.....                       | 10 00   |
| 2068                | do 9...              | Wm. Somerville Hayes.....   | Mate.....    | Maitland, N.S.....        | do.....                       | 5 00    |
| 2069                | do 9...              | James Duncan McKenzie....   | do.....      | Pictou, N.S.....          | do.....                       | 5 00    |
| 2070                | do 15...             | Harry Havelock Cook.....    | do.....      | Yarmouth, N.S....         | Yarmouth.....                 | 5 00    |
| 2071                | do 15...             | Levi Eldridge.....          | do.....      | Deerfield, N.S.....       | do.....                       | 5 00    |
| 2072                | do 15...             | Alfred Hamdon Durkee.....   | do.....      | Carleton, N.S.....        | do.....                       | 5 00    |
| 2073                | do 15...             | Frank Lyman Perry.....      | Master.....  | Yarmouth, N.S....         | do.....                       | 10 00   |
| 2074                | do 15...             | Joseph C. Hopkins.....      | do.....      | Barrington, N.S....       | do.....                       | 10 00   |
| 2075                | do 15...             | Wm. F. Ossinger.....        | Mate.....    | Westport, N.S.....        | do.....                       | 5 00    |
| 2076                | do 16...             | Ira Millet Vroom.....       | do.....      | Brighton, N.S.....        | St. John.....                 | 5 00    |
| 2077                | do 16...             | Edwin Rutven Gillmore....   | Master.....  | Horton, N.S.....          | do.....                       | 10 00   |
| 2078                | do 16...             | Thomas Bolt.....            | Mate.....    | Fredericton, N.B...       | do.....                       | 5 00    |
| 2079                | do 16...             | Arthur Gamalial Banks....   | do.....      | Windsor, N.S.....         | do.....                       | 5 00    |
| 2080                | do 16...             | Fred. Herbert Griffith..... | 2nd Mate.... | St. Martins, N.B...       | do.....                       | 5 00    |
| 2081                | do 16...             | Reginald Fairn Purdy.....   | Mate.....    | Carleton, N.B.....        | do.....                       | 5 00    |
| 2082                | Nov. 10...           | Everett McDougall.....      | do.....      | South Maitland, N.S.      | Halifax.....                  | 5 00    |
| 2083                | do 10...             | Robert Earl.....            | Master.....  | Hantsport, N.S.....       | do.....                       | 10 00   |

## List of Certificates of Competency granted to Masters and Mates—Continued.

| No. of Certificate.   | Date of Certificate. | Name.                      | Grade.       | Address.             | Where Examination was Passed. | Fee.           |
|---|----------------------|----------------------------|--------------|----------------------|-------------------------------|----------------|
| 2084  | Nov. 10...           | Chas. Manning .....        | Mate .....   | Falmouth, N.S.....   | Halifax.....                  | \$ cts<br>5 00 |
| 2085  | do 10...             | Thos. Bollong .....        | do .....     | Halifax, N.S.....    | do .....                      | 5 00           |
| 2086  | do 13...             | George Cloutier .....      | Master.....  | L'Anse à Gille, Que  | Quebec.....                   | 10 00          |
| 2087  | do 13...             | George Begin. ....         | do .....     | Point Lévis, Que...  | do .....                      | 10 00          |
| 2088  | do 21...             | Joseph Winter Morris.....  | Mate .....   | Spencer's Island...  | St. John.....                 | 5 00           |
| 2089  | do 21...             | Joseph Fellow Dickie ..... | Master.....  | Canning, N.S.....    | do .....                      | 10 00          |
| 2090  | do 21...             | George Wm. Donald.....     | do .....     | St. John, N.B.....   | do .....                      | 10 00          |
| 2091  | do 27...             | Eugene Arthur Gullison ... | do .....     | Brookville, N.S..... | Yarmouth .....                | 10 00          |
| 2092  | do 27...             | Wm. Wallace Mundy .....    | Mate .....   | Annapolis, N.S.....  | do .....                      | 5 00           |
| 2093  | do 27...             | Edwin R. Beveridge .....   | Master ..... | Milton, N.S.....     | do .....                      | 10 00          |
| 2094  | do 27...             | Albert Jas. Davison.....   | do .....     | Cornwallis, N.S...   | do .....                      | 10 00          |
| 2095  | Dec. 11...           | Charles M. McDonald.....   | do .....     | Main-à-Dieu, C.B..   | Halifax.....                  | 10 00          |
| 2096  | do 24...             | Harold H. Coster .....     | Mate .....   | St. John, N.B .....  | St. John.....                 | 5 00           |
| 2097  | do 24...             | Frank Thos. Robblee.....   | do .....     | Grenville, N.S.....  | do .....                      | 5 00           |
| Fees received from candidates who failed to receive their Certificates. |                      |                            |              |                      |                               | 910 00         |
|   |                      |                            |              |                      |                               | 140 00         |
|   |                      |                            |              |                      |                               | 1050 00        |

## List of Certificates of Competency granted to Masters and Mates—Continued.

## THE FOLLOWING PERSONS RECEIVED RENEWAL CERTIFICATES OF COMPETENCY.

| No. of Certificate. | Date of Certificate. | Name.                   | Grade.      | Address.           | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|-------------------------|-------------|--------------------|-------------------------------|---------|
|                     | 1884.                |                         |             |                    |                               | \$ cts. |
| 1615                | Jan. 29...           | Martin Larsen .....     | Mate .....  | Halifax.....       | Halifax.....                  | 2 50    |
| 1774                | Feb. 4...            | Nehemiah C. Larken..... | do .....    | Little River ..... | Yarmouth .....                | 2 50    |
| 151                 | April 24...          | C. E. Kiley .....       | Master..... | Digby, N.S.....    | St. John.....                 | 5 00    |
| 1385                | May 7...             | M. Buchanan .....       | do .....    | Sydney .....       | Halifax.....                  | 5 00    |
| 239                 | do 7...              | J. Whidden .....        | do .....    | Halifax .....      | do .....                      | 5 00    |
| 1236                | do 17...             | J. B. Reynolds.....     | do .....    | St. John .....     | St. John .....                | 5 00    |
| 1406                | do 30...             | A. H. Parker.....       | do .....    | Sandwich .....     | Yarmouth .....                | 5 00    |
| 1952                | June 9...            | W. E. Parker.....       | Mate .....  | Sand Beach .....   | do .....                      | 2 50    |
| 1452                | do 10...             | John F. Wolfe.....      | Master..... | Port Medway .....  | Halifax.....                  | 5 00    |
| 1134                | July 10...           | J. S. Owen.....         | do .....    | Yarmouth .....     | do .....                      | 5 00    |
| 483                 | do 12...             | W. J. Stephenson .....  | do .....    | St. John .....     | St. John .....                | 5 00    |
| 120                 | Aug. 13...           | E. J. Brown .....       | do .....    | St. Martins .....  | do .....                      | 5 00    |
| 525                 | do 19...             | Francis Lynch.....      | do .....    | Halifax.....       | Halifax.....                  | 5 00    |
| 310                 | Oct. 18...           | William Watt .....      | do .....    | do .....           | do .....                      | 5 00    |
|                     |                      |                         |             |                    |                               | 1112 50 |

LIST of Certificates of Service granted to Masters and Mates—*Continued.*

## SERVICE.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                                     | Address.                 | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--|--------------------------|-------------------------------|---------|
|                     |                      |                           |  |                          |                               | \$ cts. |
| 1199                | Jan. 24...           | Rufus Cutler Cole .....   | Master .....                               | St. John.....            | St. John.....                 | 5 00    |
| 1200                | do 24...             | Ambrose Secord.....       | do .....                                   | Portland, N.B.....       | do .....                      | 5 00    |
| 1201                | do 28...             | Allan K. Locke.....       | do fore and aft.                           | Lockeport, N.S....       | Halifax.....                  | 5 00    |
| 1202                | Feb. 20...           | Thomas Besser.....        | do .....                                   | Church Point, N.S.       | do .....                      | 5 00    |
| 1203                | do 20...             | John B. Melancon.....     | do fore and aft.                           | Grosse Coque, N.S.       | do .....                      | 5 00    |
| 1204                | do 20...             | Francis McLeer.....       | do do ...                                  | Port Acadie, N.S..       | do .....                      | 5 00    |
| 1205                | do 20...             | John Quinn .....          | do .....                                   | St. John, N.B.....       | St. John.....                 | 5 00    |
| 1206                | Mar. 10...           | Stephen Harding Giffin..  | do fore and aft.                           | Louis Head, N.S...       | Halifax.....                  | 5 00    |
| 1207                | do 10...             | Vear Beck Roberts.....    | do .....                                   | Parrsboro', N.S....      | do .....                      | 5 00    |
| 1208                | do 20...             | Hugh Montague.....        | Mate .....                                 | Carleton, N.B.....       | St. John .....                | 3 00    |
| 1209                | April 1...           | Thomas Williams. ....     | Master, fore and aft                       | Port Hawkesbury,<br>N.S. | Halifax.....                  | 5 00    |
| 1210                | do 1...              | Thos. Gilbert Hunt .....  | do do ...                                  | Portland, N.B.....       | St. John.....                 | 5 00    |
| 1211                | do 1...              | James Alex. Williams....  | do do ...                                  | St. John, N.B.....       | do .....                      | 5 00    |
| 1212                | do 1...              | David Horatio Slocomb..   | do square rig..                            | Port George, N.S.        | Halifax.....                  | 5 00    |
| 1213                | do 1...              | James George .....        | do do ...                                  | Parrsboro', N.S....      | do .....                      | 5 00    |
| 1214                | do 1...              | Sylvester Roche .....     | Mate do ...                                | do .....                 | do .....                      | 3 00    |
| 1215                | do 7...              | Wm. Thos. Smith.....      | Master, fore and aft<br>rigged.            | New Carlisle, Que.       | New Carlisle ..               | 5 00    |
| 1216                | do 16...             | Michael Collins.....      | Master .....                               | Lockeport, N.S....       | Halifax.....                  | 5 00    |
| 1217                | do 24...             | Chas. Embree .....        | do .....                                   | Port Hawkesbury,<br>N.S. | do .....                      | 5 00    |
| 1218                | May 8...             | John Roy .....            | do .....                                   | Margaretsville, N.S.     | do .....                      | 5 00    |
| 1219                | June 10...           | Anselm Thibedeau.....     | do .....                                   | Metegan, N.S.....        | do .....                      | 5 00    |
| 1220                | do 27...             | Alfred Henry Pacey .....  | Mate, square rigged,<br>not ex. 150 tons.  | Halifax, N.S.....        | do .....                      | 3 00    |
| 1221                | do 27...             | Wm. Davis .....           | Master do ...                              | do .....                 | do .....                      | 5 00    |
| 1222                | do 27...             | James Zebah Fraser.....   | Mate, fore and aft,<br>not ex. 150 tons.   | do .....                 | do .....                      | 3 00    |
| 1223                | do 24...             | John Archibald Fraser ... | Master, square rig,<br>not ex. 150 tons.   | do .....                 | do .....                      | 5 00    |
| 1224                | do 24...             | Thomas Swim .....         | do do ...                                  | Barrington, N.S....      | do .....                      | 5 00    |
| 1225                | July 14...           | Ai Rhude.....             | Master, fore and aft,<br>not ex. 150 tons. | Halifax, N.S.....        | do .....                      | 5 00    |
| 1226                | do 14...             | Chas. Edward Pye .....    | do do ...                                  | do .....                 | do .....                      | 5 00    |

## List of Certificates of Service granted to Masters and Mates—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                                     | Address.                          | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|--|-----------------------------------|-------------------------------|---------|
|                     | 1884.                |                          |  |                                   |                               | \$ cts. |
| 1227                | July 14...           | Mathias Wm. Johnson....  | Mate, square rig,<br>not ex. 150 tons.     | Halifax, N.S.....                 | Halifax.....                  | 3 00    |
| 1228                | do 14...             | Jas. Albert Dexter ..... | Master do ...                              | Lockeport, N.S....                | do .....                      | 5 00    |
| 1229                | do 14...             | Henry Saunders. ....     | Master, fore and aft,<br>not ex. 150 tons. | do .....                          | do .....                      | 5 00    |
| 1230                | do 14...             | Chas. Jos. Beyer.....    | Master, square rig,<br>not ex. 150 tons.   | Halifax.....                      | do .....                      | 5 00    |
| 1231                | do 14...             | James Davis.....         | Master, fore and aft.                      | Port Hawkesbury,<br>N.S.          | do .....                      | 5 00    |
| 1232                | do 14...             | Jethro Newell Smith..... | do .....                                   | Cape Sable Island,<br>N.S.        | do .....                      | 5 00    |
| 1233                | do 15...             | John Brown .....         | do fore and aft.                           | Port George, N.S..                | do .....                      | 5 00    |
| 1234                | do 15...             | John Henry Wilcke....    | Mate, square rig,<br>not ex. 150 tons.     | Lockeport, N.S....                | do .....                      | 3 00    |
| 1235                | do 18...             | Jas. Woodworth Gould...  | Mate, fore and aft,<br>not ex. 150 tons.   | Black Rock, N.S..                 | do .....                      | 3 00    |
| 1236                | do 18...             | Jno. McCuish.....        | Master, fore and aft                       | Halifax, N.S.....                 | do .....                      | 5 00    |
| 1237                | do 19...             | Thomas Dryden.....       | Mate.....                                  | Poplar Grove, Halif-<br>fax, N.S. | do .....                      | 3 00    |
| 1238                | do 19...             | Enos Wm. Page.....       | Master, fore and aft,<br>not ex. 150 tons. | Lockeport, N.S....                | do .....                      | 5 00    |
| 1239                | do 19...             | Nathan Swaine.....       | Master, square rig,<br>not ex. 150 tons.   | Halifax, N.S.....                 | do .....                      | 5 00    |
| 1240                | do 25...             | Saml. Jas. Hingley.....  | Master, fore and aft,<br>not ex. 150 tons. | Port Hilford, N.S..               | do .....                      | 5 00    |
| 1241                | do 25...             | L. Netson McKenne .....  | Master, square rig,<br>not ex. 150 tons.   | Lockeport, N.S....                | do .....                      | 5 00    |
| 1242                | do 25...             | Douglas McEcheran.....   | Mate do ...                                | Halifax, N.S.....                 | do .....                      | 3 00    |
| 1243                | do 25...             | Benjamin Ham.....        | Master fore and aft,<br>not ex. 150 tons.  | Mahone Bay, N.S..                 | do .....                      | 5 00    |
| 1244                | do 30...             | Peter Moody Martin.....  | Master.....                                | St. John, N.B.....                | St. John.....                 | 5 00    |
| 1245                | do 30...             | Leigh Richmond Manning   | Master, square rig,<br>not ex. 150 tons.   | Bridgewater, N.S.                 | Halifax.....                  | 5 00    |
| 1246                | do 30...             | Geo. Coker Hawes, jun..  | Mate do ...                                | Halifax, N.S.....                 | do .....                      | 2 00    |
| 1247                | do 30...             | Albert Manuel King.....  | Master do ...                              | Clyde River, N.S..                | do .....                      | 5 00    |
| 1248                | do 30...             | Enos Wm. Page.....       | Mate do ...                                | Lockeport, N.S....                | do .....                      | 3 00    |
| 1249                | do 30...             | Archibald Thompson ..... | do do ...                                  | Halifax, N.S.....                 | do .....                      | 3 00    |
| 1250                | do 30...             | Harvey Eldridge Brooks   | do ...                                     | Weymouth, N.S....                 | do .....                      | 3 00    |
| 1251                | do 30...             | Henry Christopher Salter | do do ...                                  | Halifax, N.S.....                 | do .....                      | 3 00    |
| 1252                | do 30...             | R. Freeman Stephenson.   | Master do ...                              | Lockeport, N.S....                | do .....                      | 5 00    |
| 1253                | do 30...             | David Harding Lewis....  | Mate do ...                                | Halifax, N.S.,.....               | do .....                      | 3 00    |
| 1254                | do 30...             | Henry Saunders.....      | do do ...                                  | Lockeport, N.S....                | do .....                      | 3 00    |
| 1255                | do 30...             | Allan Craig. ....        | Master do ...                              | do .....                          | do .....                      | 5 00    |

## List of Certificates of Service granted to Masters and Mates—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                                     | Address.                      | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|---------------------------|--|-------------------------------|-------------------------------|---------|
|                     | 1884.                |                           |  |                               |                               | \$ cts. |
| 1256                | Aug. 4...            | Elmer Leslie Hopkins....  | Mate, square rig,<br>not ex. 150 tons.     | Barrington, N.S....           | Halifax .....                 | 3 00    |
| 1257                | do 6...              | Geo. Bell Swaine.....     | Master do ...                              | North East Harbor,<br>N.S.    | do .....                      | 5 00    |
| 1258                | do 7...              | Andrew Harrington.....    | do do ...                                  | Brooklyn, N.S.....            | do .....                      | 5 00    |
| 1259                | do 9...              | Charles Saffery.....      | Mate do ...                                | Halifax, N.S.....             | do .....                      | 3 00    |
| 1260                | do 9...              | Joseph Nicolas Verge....  | Master do ...                              | do .....                      | do .....                      | 5 00    |
| 1261                | do 9...              | Neil Campbell.....        | do do ...                                  | do .....                      | do .....                      | 5 00    |
| 1262                | do 9...              | Thomas Lawrence.....      | Master, fore and aft,<br>not ex. 150 tons. | do .....                      | do .....                      | 5 00    |
| 1263                | do 18...             | Alex. Liscomb.....        | Mate do ...                                | do .....                      | do .....                      | 3 00    |
| 1264                | do 18...             | John Page.....            | Mate square rig,<br>not ex. 150 tons.      | Osborne, Locke-<br>port, N.S. | do .....                      | 3 00    |
| 1265                | do 18...             | Robt. Wm. Merriam.....    | do do ...                                  | Halifax, N.S.....             | do .....                      | 3 00    |
| 1266                | do 18...             | Edward Cook.....          | do do ...                                  | Lockeport, N.S....            | do .....                      | 3 00    |
| 1267                | do 18...             | Samuel Ellis Atwood....   | do do ...                                  | Barrington, N.S....           | do .....                      | 3 00    |
| 1268                | do 19...             | John Gault Murray.....    | Master, fore and aft,<br>not ex. 150 tons. | Halifax.....                  | do .....                      | 5 00    |
| 1269                | Sept. 8...           | Samuel Thos. Kempton...   | Master, square rig,<br>not ex. 150 tons.   | Liverpool, N.S.....           | do .....                      | 5 00    |
| 1270                | do 8...              | Colin Thompson McKay..    | do do ...                                  | Lockeport, N.S....            | do .....                      | 5 00    |
| 1271                | do 9...              | Philip McVicar.....       | Mate do ...                                | St. Peters, C.B....           | do .....                      | 3 00    |
| 1272                | do 9...              | Jacob L. Publicover.....  | Master, fore and aft,<br>not ex. 150 tons. | Liverpool, N.S.....           | do .....                      | 5 00    |
| 1273                | do 9...              | Wm. Crooks.....           | Master, square rig,<br>not ex. 150 tons.   | Brooklyn, N.S.....            | do .....                      | 5 00    |
| 1274                | do 9...              | John Samuel Bollong....   | Mate, fore and aft,<br>not ex. 150 tons.   | Pope's Harbor.....            | do .....                      | 3 00    |
| 1275                | do 10...             | Simon Giffin Dunn.....    | Master, square rig,<br>not ex. 150 tons.   | Lockeport, N.S....            | do .....                      | 5 00    |
| 1276                | do 10...             | Alex. Crowell.....        | Mate, fore and aft,<br>not ex. 150 tons.   | Liverpool, N.S.....           | do .....                      | 3 00    |
| 1277                | do 15...             | John McLean.....          | Master.....                                | Shelburne, N.S....            | do .....                      | 5 00    |
| 1278                | do 15...             | James Ryan .....          | Mate, square rig,<br>not ex. 150 tons.     | Halifax.....                  | do .....                      | 3 00    |
| 1279                | do 30...             | Geo. W. S. Balcam.....    | Master do ...                              | do .....                      | do .....                      | 5 00    |
| 1280                | do 30...             | John Geo. Townsend....    | Mate, fore and aft,<br>not ex. 150 tons.   | Lunenburg, N.S....            | do .....                      | 3 00    |
| 1281                | do 30...             | Geo. Myra.....            | do do ...                                  | do .....                      | do .....                      | 3 00    |
| 1282                | do 30...             | Jas. Aug. McConnell....   | Mate.....                                  | Yarmouth, N.S....             | do .....                      | 3 00    |
| 1283                | do 30...             | Josiah Martin Wilkie..... | do square rig,<br>not ex. 150 tons.        | Halifax.....                  | do .....                      | 3 00    |
| 1284                | do 30...             | Patrick McFarlane.....    | Master do ...                              | do .....                      | do .....                      | 5 00    |



## LIST of Certificates of Service granted to Masters and Mates—Continued.

| No. of Certificate. | Date of Certificate. | Name.                    | Grade.                                     | Address.                     | Where Examination was Passed. | Fee.    |
|---------------------|----------------------|--------------------------|--|------------------------------|-------------------------------|---------|
|                     | 1884.                |                          |  |                              |                               | \$ cts. |
| 1285                | Sept. 30...          | Freeman Rood.....        | Mate, fore and aft,<br>not ex. 150 tons.   | Halifax.....                 | Halifax.....                  | 3 00    |
| 1286                | do 30...             | Henry S. Nickerson.....  | Master do ...                              | Port Clyde, N.S....          | do .....                      | 5 00    |
| 1287                | Oct. 1...            | Charles Selig.....       | Mate do ...                                | Lunenburg, N.S....           | do .....                      | 3 00    |
| 1288                | do 1...              | Anthony C. Larkin.....   | Master do ...                              | Salem, N.S.....              | do .....                      | 5 00    |
| 1289                | do 6...              | Asaph Strum.....         | Mate, square rig,<br>not ex. 150 tons.     | Mahone Bay, N.S..            | do .....                      | 3 00    |
| 1290                | do 15...             | Peter Heisler.....       | Master, fore and aft,<br>not ex. 150 tons. | Lunenburg, N.S....           | do .....                      | 5 00    |
| 1291                | Oct. 16...           | David Knock.....         | Master, square rig,<br>not ex. 150 tons.   | Lunenburg, N.S....           | Lunenburg....                 | 5 00    |
| 1292                | do 16...             | Jas. Wm. Walters.....    | Master, fore and aft,<br>not ex. 150 tons. | La Have, N.S.....            | Halifax.....                  | 5 00    |
| 1293                | do 22...             | Chapman Coumans.....     | Mate do ...                                | East Jordan Bay,<br>N.S.     | do .....                      | 3 00    |
| 1294                | do 22...             | Wm. Ham.....             | do do ...                                  | Lunenburg, N.S. ...          | Lunenburg ...                 | 3 00    |
| 1295                | do 22...             | Malcolm Blue.....        | Mate, square rig,<br>not ex. 150 tons.     | Murray River, P.E.I          | do .....                      | 3 00    |
| 1296                | do 22...             | James Hawes.....         | Master do ...                              | Halifax, N.S.....            | Halifax.....                  | 5 00    |
| 1297                | do 30...             | Urbain Doucette.....     | do .....                                   | Meteghan River,<br>N.S.      | Yarmouth.....                 | 5 00    |
| 1298                | do 20...             | Josiah Weagle.....       | Master, square rig,<br>not ex. 150 tons.   | La Have, N.S.....            | Halifax.....                  | 5 00    |
| 1299                | do 30...             | Wm. Alfred Goodwin...    | Master, fore and aft,<br>not ex. 150 tons. | Argyle, N.S.....             | do .....                      | 5 00    |
| 1300                | Nov. 12...           | Adnah Burns.....         | Mate do ...                                | Summerside, La<br>Have, N.S. | Lunenburg....                 | 3 00    |
| 1301                | do 12...             | Wm. Dauphinee.....       | Master do ...                              | Lunenburg, N.S....           | do .....                      | 5 00    |
| 1302                | do 12...             | John Wilder Goodwin...   | do do ...                                  | Yarmouth, N.S.....           | Yarmouth .....                | 5 00    |
| 1303                | do 12...             | Alex. Eisenhaur.....     | do do ...                                  | Lunenburg, N.S....           | Lunenburg....                 | 5 00    |
| 1304                | do 12...             | Samuel Knickle.....      | Mate do ...                                | do ...                       | do .....                      | 3 00    |
| 1305                | do 12...             | Jeremiah Gayton.....     | Master, square rig,<br>not ex. 150 tons.   | Lower Argyle, N.S            | Yarmouth .....                | 5 00    |
| 1306                | do 12...             | Reuben Crosby Ritchie..  | Mate do ...                                | Sandford, N.S.....           | do .....                      | 3 00    |
| 1307                | do 13...             | James A. Loye.....       | Master, fore and aft,<br>not ex. 150 tons. | Lunenburg, N.S....           | Lunenburg....                 | 5 00    |
| 1308                | do 13...             | Chas. A. Holland.....    | Mate, square rig,<br>not ex. 150 tons.     | do ...                       | do .....                      | 3 00    |
| 1309                | do 13...             | Alfred Smeltzer.....     | do do ...                                  | Mahone Bay, N.S...           | do .....                      | 3 00    |
| 1310                | do 19...             | David Deal.....          | do do ...                                  | Lunenburg, N.S....           | do .....                      | 3 00    |
| 1311                | do 19...             | Thos. Perry Williams.... | Master, fore and aft,<br>not ex. 150 tons. | Lockeport, NS.....           | Shelburne .....               | 5 00    |
| 1312                | do 19...             | Richard Heckman.....     | Mate do ...                                | Heckman's Island,<br>N.S.    | Lunenburg....                 | 3 00    |
| 1313                | do 19...             | Jas. F. Kinley.....      | Master do ...                              | Lunenburg, N.S....           | do .....                      | 5 00    |

## LIST of Certificates of Service granted to Masters and Mates—Continued.

| No. of Certificate. | Date of Certificate. | Name.                     | Grade.                                     | Address             | Where Examination was Passed. | Fee.            |
|---------------------|----------------------|---------------------------|--|---------------------|-------------------------------|-----------------|
| 1314                | Nov. 25...           | Wm. Frederick Butler..... | Mate, fore and aft,<br>not ex. 150 tons.   | Halifax, N.S. ....  | Halifax.....                  | \$ cts.<br>3 00 |
| 1315                | do 26...             | Jesse Cann .....          | Mate, square rig,<br>not ex. 150 tons.     | Deerfield, N.S..... | Yarmouth.....                 | 3 00            |
| 1316                | Dec. 5...            | Wm. Maxner .....          | Master, fore and aft,<br>not ex. 150 tons. | Lunenburg, N.S....  | Lunenburg....                 | 5 00            |
| 1317                | do 5...              | James Armburg .....       | Mate, square rig,<br>not ex. 150 tons.     | do ...              | do ....                       | 3 00            |
| 1318                | do 5...              | James J. Holland .....    | do do ...                                  | do ...              | do ....                       | 3 00            |
| 1319                | do 11...             | Thomas LeCain.....        | Master, fore and aft,<br>not ex. 150 tons. | Clementsport, N.S.  | Halifax.....                  | 5 00            |
| 1320                | do 11...             | Allen Broad .....         | Mate do ...                                | Yarmouth, N.S.....  | Yarmouth.....                 | 3 00            |
| 1321                | do 15...             | Jas. Thos. O'Neil .....   | do do ...                                  | Port Medway, N.S.   | Liverpool.....                | 3 00            |
| 1322                | do 29...             | Geo. Randolph Beveridge   | do do ...                                  | Melbourne, N.S. ... | Yarmouth.....                 | 3 00            |
| 1323                | do 29...             | Amial Hemeon .....        | Mate, square rig,<br>not ex. 150 tons.     | Chebogue, N.S.....  | do .....                      | 3 00            |
| 1324                | do 29...             | Michael Sigsworth .....   | Master do ...                              | Georgetown, P.E.I.  | Charlottetown                 | 5 00            |
| 1325                | do 31...             | Hilaire LeBlanc .....     | Mate, fore and aft,<br>not ex. 150 tons.   | Tusket Wedge, N.S   | Yarmouth.....                 | 3 00            |
| 1326                | do 31...             | Frank L. LeBlanc .....    | Master, square rig,<br>not ex. 150 tons.   | do ...              | do .....                      | 5 00            |
|                     |                      |                           |  |                     |                               | 534 00          |

## THE following persons received Renewal Certificates of Service.

|                  |             |                    |                     |                        |               |        |
|------------------|-------------|--------------------|---------------------|------------------------|---------------|--------|
| 1140             | Jan. 28...  | M. J. Hamm .....   | Master .....        | St. John.....          | St. John..... | 2 50   |
| 62               | March 20... | R. Beeler .....    | do 2nd renewal      | Bear River, N.S. ...   | Halifax.....  | 2 50   |
| 69               | do 20...    | W. Turner .....    | do .....            | Halifax. ....          | do .....      | 2 50   |
| 998              | June 16...  | C. W. Dickson..... | do .....            | Hopewell Cape,<br>N.B. | St. John..... | 2 50   |
| 1036             | Aug. 2...   | J. Meniac.....     | do .....            | Port Medway, N.S.      | Halifax.....  | 2 50   |
| 263              | Sept. 11... | O. Tupper .....    | Mate .....          | do ...                 | do .....      | 1 50   |
| 279              | do 12...    | W. Murphy .....    | do .....            | Halifax.....           | do .....      | 1 50   |
| 77               | Oct. 10...  | C. Stewart.....    | Master, 2nd renewal | St. John.....          | St. John..... | 2 50   |
| Total Service... |             |                    |                     |                        |               | 552 00 |

## SUMMARY.

|  |  |            |
|--|--|------------|
| Total fees received for certificates of—     |  |            |
| Competency, Sea-going.....                   |  | \$1,112 50 |
| Service do .....                             |  | 552 00     |
| Competency, Inland.....                      |  | 720 00     |
| Service do .....                             |  | 7,938 50   |
| Total fees received to 31st Dec., 1884 ..... |  | \$9,938 50 |

List of Canadian Certificates of Competency and Service which have been cancelled during the Year ended 31st December, 1884.

## COMPETENCY.

| No. of Certificate. | Date of Certificate. | Name.                | Grade.            | Cause of Cancellation.     | Date of Cancellation. |
|---------------------|----------------------|----------------------|-------------------|----------------------------|-----------------------|
|                     | 1881.                |                      |                   |                            | 1884                  |
| 1564                | Feb. 25...           | George Jenkins ..... | Mate.....         | Passed for a higher grade. | 14th July.            |
| 1671                | Nov. 22...           | J. E. Scott.....     | do .....          | do .....                   | do                    |
| 1563                | Mar. 15...           | W. R. Palmer.....    | do .....          | do .....                   | 12th June.            |
| 1486                | Aug. 1880.<br>9...   | J. Nelson.....       | do .....          | do .....                   | 8th January.          |
| 1699                | May 1881.<br>23...   | D. P. Crowe .....    | do .....          | do .....                   | 2nd Feb.              |
| 1555                | Feb. 1880.<br>15...  | P. D. Graham .....   | do .....          | do .....                   | do                    |
| 1517                | Nov. 1880.<br>6...   | H. N. McCully .....  | do .....          | do .....                   | do                    |
| 1752                | Aug. 1882.<br>23...  | F. H. Rowan.....     | Renewal—Mate..... | do .....                   | 4th March.            |
| 1624                | Aug. 1881.<br>8...   | A. Corbett.....      | do .....          | do .....                   | 13th do               |
| 1056                | Sept. 1877.<br>10... | C. P. Cox .....      | do .....          | do .....                   | do                    |
| 1167                | June 1880.<br>1...   | W. Cox.....          | do .....          | do .....                   | do                    |
| 1607                | May 1881.<br>30...   | W. B. Butler .....   | do .....          | do .....                   | 7th March.            |
| 1770                | Oct. 1882.<br>24...  | H. A. Rowan .....    | do .....          | do .....                   | 18th April.           |
| 1781                | Nov. 1881.<br>18...  | E. Spicer .....      | 2nd Mate.....     | do .....                   | do                    |
| 1615                | July 1877.<br>7...   | M. Larsen .....      | Mate .....        | do .....                   | 13th March.           |
| 1004                | May 1881.<br>16...   | R. S. Sulis.....     | Renewal—Mate....  | do .....                   | 21st May.             |
| 1661                | Oct. 1881.<br>24...  | C. W. Murphy .....   | do .....          | do .....                   | do                    |
| 1776                | Nov. 1882.<br>10...  | H. S. Corbett.....   | 2nd Mate .....    | do .....                   | 9th May.              |
| 1631                | Aug. 1881.<br>11...  | J. J. Bennett .....  | Mate .....        | do .....                   | 12th June.            |
| 1567                | Mar. 1882.<br>11...  | J. F. Forbes .....   | do .....          | do .....                   | 5th do                |
| 1715                | April 1881.<br>20... | L. Atkins .....      | do .....          | do .....                   | 5th do                |
| 1636                | Aug. 1881.<br>23...  | C. P. Kinney .....   | do .....          | do .....                   | 16th do               |
| 1719                | April 1882.<br>26... | W. A. Bradshaw.....  | do .....          | do .....                   | 10th July.            |
| 1841                | April 1883.<br>20... | F. P. Trites.....    | do .....          | do .....                   | 12th do               |
| 1803                | Feb. 1880.<br>14...  | A. McDougall .....   | do .....          | do .....                   | 3rd do                |
| 1506                | Oct. 1881.<br>12...  | J. M. Mosher.....    | do .....          | do .....                   | 3rd do                |
| 1651                | Sept. 1884.<br>26... | J. A. B. Ross .....  | do .....          | do .....                   | 14th April.           |
| 1662                | Oct. 1884.<br>24...  | E. A. Gallison ..... | do .....          | do .....                   | 19th Nov.             |

LIST of Certificates of Competency which have been cancelled — *Continued.*

| No. of Certificate. | Date of Certificate. | Name.                | Grade.         | Cause of Cancellation.        | Date of Cancellation. |
|---------------------|----------------------|----------------------|----------------|-------------------------------|-----------------------|
|                     | 1882.                |                      |                |                               | 1884.                 |
| 1718                | April 26...<br>1881. | W. J. Codie.....     | Mate .....     | Passed for a higher grade.    | 14th Aug.             |
| 1680                | Dec. 19...           | J. C. Hopkins .....  | do .....       | do .....                      | 8th Oct.              |
| 1545                | Jan. 7...<br>1882.   | F. L. Perry .....    | do .....       | do .....                      | do                    |
| 1692                | Jan. 17...<br>1881.  | W. A. Steeves.....   | do .....       | do .....                      | 12th Sept.            |
| 1669                | Nov. 15...<br>1882.  | G. H. Johns .....    | do .....       | do .....                      | do                    |
| 1690                | Jan. 17...           | W. H. Delap.....     | do .....       | do .....                      | 14th Aug.             |
| 1734                | June 16...           | A. J. Davison.....   | do .....       | do .....                      | 19th Nov.             |
| 1853                | May 8...<br>1881.    | J. Oxley .....       | do .....       | do .....                      | 2nd Sept.             |
| 1604                | May 27...<br>1883.   | R. S. Thurber.....   | do .....       | do .....                      | do                    |
| 1873                | June 18...<br>1882.  | C. F. Hardt .....    | do .....       | do .....                      | 14th Aug.             |
| 1686                | Jan. 10...           | A. W. Smith.....     | do .....       | do .....                      | 2nd Oct.              |
| 1691                | do 17...             | F. Bell .....        | do .....       | do .....                      | 12th Sept.            |
| 1792                | Dec. 19...<br>1879.  | S. Sathergreen.....  | do .....       | do .....                      | do                    |
| 1299                | June 13...<br>1880.  | E. R. Beveridge..... | do .....       | do .....                      | 19th Nov.             |
| 1396                | Jan. 27...<br>1882.  | C. M. McDonald...    | do .....       | do .....                      | 2nd Dec.              |
| 1697                | Feb. 9...            | R. Earl.....         | do .....       | do .....                      | 5th Nov.              |
| 1714                | April 1...<br>1879.  | G. Cloutier .....    | do .....       | do .....                      | 11th do               |
| 1367                | Nov. 12...<br>1880.  | G. Bégin .....       | do .....       | do .....                      | 11th do               |
| 1149                | April 30...          | J. F. Dickie.....    | do .....       | do .....                      | 15th do               |
| 1164                | May 26...<br>1883.   | G. W. Donald.....    | do .....       | do .....                      | 15th do               |
| 1824                | Mar. 21..            | T. Carland .....     | do .....       | do .....                      | 12th Sept.            |
| 1799                | Jan. 17...<br>1878.  | E. R. Gillmore ..... | do .....       | do .....                      | 11th Oct.             |
| 1160                | June 25...<br>1882.  | J. P. S. Bruce.....  | do .....       | do .....                      | 30th Dec.             |
| 1769                | Oct. 24...<br>1877.  | H. H. Coster .....   | 2nd Mate.....  | do .....                      | 19th do               |
| 1025                | July 4...<br>1881.   | Henry Purdy .....    | Master.....    | Died at sea.....              | 15th Nov.             |
| 522                 | Aug. 20...<br>1873.  | Frank Stewart .....  | do Renewal.... | Drowned at sea .....          | 16th Feb.             |
| 348                 | April 29...          | R. Tucker.....       | do .....       | Died at sea, 5th Sept., 1884. | 1st Oct.              |

LIST of Certificates of Service which have been cancelled—*Continued.*

## SERVICE.

| No. of Certificate. | Date of Certificate. | Name.               | Grade.       | Cause of Cancellation.  | Date of Cancellation. |
|---------------------|----------------------|---------------------|--------------|---|-----------------------|
|                     | 1872.                |                     |              |   | 1884.                 |
| 290                 | Nov. 29...           | R. M. Osburn .....  | Mate .....   | Supposed to be drowned.   | — Jan.                |
| 475                 | May 6...             | D. T. Cameron ..... | Master ..... | Cancelled for gross ignorance of duty as seaman in connection with loss of the "Annie" of Maitland. | 15th Oct.             |

APPENDIX No. 4.

STATEMENT OF Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels, in Canadian waters, and to Canadian Sea-going Vessels in other waters, from 1st January, 1884, to 31st December, 1884.

| Date of Casualty. | Name of Vessel. | Age. | Port of Registry. | Rig.          | Register Tonnage. | Port sailed from. —<br>Port bound to. | Place where Casualty happened.     | Nature of Casualty. | Cause of Casualty. | Lives Lost. | Total or Partial Loss. | Amount.                  |
|-------------------|-----------------|------|-------------------|---------------|-------------------|---------------------------------------|------------------------------------|---------------------|--------------------|-------------|------------------------|--------------------------|
| Feb. 16           | Ada Barton....  | 12   | St. John, N.B.    | Bark .....    | 590               | St. John to Glasgow                   | Lat. 48° 6' N.;<br>Lon. 23° 21' W. | Foundering          | Gale.....          | 9           | Total ...              | \$ 16,000<br>cargo 6,600 |
| Jan. 23           | Ashlow .....    | 3    | do                | do .....      | 639               | Kingston, Ire. to St John.            | Entrance to St. John.              | Stranding ...       | do .....           | .....       | Partial.               | 6,000                    |
| do                | Anna Currier.   | 16   | do                | Schooner ...  | 105               | Nantucket to St. John                 | Near Quaco Light                   | do                  | do .....           | .....       | Total....              | 1,000<br>cargo 1,000     |
| May 17            | A. Goudey ..    | 13   | Yarmouth .....    | Bark .. ..    | 717               | Philadelphia to Havre                 | Atlantic Ocean .....               | Destroyed by fire.  | Explosion of oil.  | .....       | do ...                 | 15,000                   |
| do                | Alruna .....    | 13   | St. John .....    | Brigantine... | 188               | Sydney to St. John...                 | Bay of Fundy .....                 | Collision .....     | Run down....       | .....       | Partial.               | 70                       |
| do                | Albertine ..... | 28   | Norway .....      | Bark .. ..    | 544               | Liverpool to Richibucto.              | Richibucto. ....                   | Stranding ...       | Ice .....          | .....       | Total....              | 14,000                   |
| April 30          | Athena .....    | 10   | Darmen .....      | Ship. ....    | 1300              | Liverpool to Quebec.                  | Magdalen Islands..                 | do                  | Gale.....          | 19          | do ...                 | 23,000                   |
| Feb. 14           | Assyria .....   | 12   | St. John .....    | Bark .....    | 729               | Mobile to Liverpool.                  | Islay, Scotland .....              | do                  | do .....           | .....       | do ...                 | 10,000<br>cargo 12,500   |
| Mar. 6            | Augusta .....   | 12   | do                | Brigantine... | 355               | New York to Newfoundland.             | Block Island, U.S.A                | do                  | Fog .....          | .....       | do ...                 | 7,000                    |
| June 26           | Astra .....     | 14   | do                | Schooner....  | 133               | St. John to New York.                 | Atlantic Ocean.....                | Fire .....          | Unknown.....       | .....       | do ...                 | 3,000<br>cargo 1,500     |

| July  | 9  | Alpin .....       | 9  | Charlottetown    | do            | 28   | Bever Harbor to Near Lunenburg...<br>Halifax. | Abandoned / Leaking .. | do        | 800<br>cargo<br>230        |
|-------|----|-------------------|----|------------------|---------------|------|---|------------------------|-----------|----------------------------|
| May   | 20 | Alliance .....    | 7  | Chatham .....    | Brigantine... | 115  | Jersey to Gaspé.....                          | Collision .....        | Partial.. | 2,000<br>cargo<br>400      |
| Mar.  | 23 | Alta .....        | 4  | Halifax.....     | Schooner .... | 168  | Vera Cruz to New York.                        | Stranding ...          | do ...    | 2,500                      |
| July  | 6  | Autumn Leaf ..... | 1  | St. John, N.B.   | do            | 140  | Philadelphia to Yarmouth.                     | do                     | Total.... | 10,600<br>cargo<br>1,175   |
| do    | 26 | Amazon.....       | 12 | Port Medway.     | do            | 41   | Canso to Port Medway.                         | Foundering             | do        | 2,500<br>part'l<br>1,600   |
| June  | 9  | Acuba .....       | 1  | Sunderland....   | Brigantine... | 1194 | Perth Amboy to Miramichi.                     | Stranding ...          | Partial.. | 30,000                     |
| Aug.  | 8  | A. C. Major ...   | 20 | Halifax.....     | Schooner..... | 86   | Cow Bay to Halifax.                           | Foundered...           | Total.... | 1,000<br>cargo<br>900      |
| June  | 17 | Alexandria ...    | 1  | Montreal .....   | Steamer ..... | 508  | Pictou to Montreal...                         | Stranding ...          | Partial . | 1,000                      |
| July  | 30 | Amsterdam....     | 4  | Glasgow .....    | do            | 3000 | Amsterdam to New York.                        | do                     | Total ... | 200,000<br>c'go<br>240,000 |
| Sept. | 11 | Ann Leonard..     | 12 | St. Andrews...   | Schooner ...  | 89   | Unknown .....                                 | do                     | do        | 1,000                      |
| Jan.  | 8  | Acadian .....     | 9  | Arichat .....    | Brigantine... | 482  | Pernambuco to Orleans.                        | Damaged ...            | Partial . | 5,000<br>cargo<br>2,500    |
| Aug.  | 5  | Anita .....       | 17 | St. John.....    | Schooner....  | 122  | St. John to New York.                         | Collision ...          | do        | 136                        |
| Oct.  | 2  | American Union.   | 27 | United States.   | Brigantine .. | 278  | Brunswick, Ga., to Bahia Blanca.              | Stranding ...          | do        | 5,000                      |
| Sept. | 14 | Addie Benson..    | 11 | Digby .....      | do            | 328  | Sydney, C.B., to Portsmouth, N.H.             | Leaking .....          | do        | 2,000                      |
| Aug.  | 24 | Almida .....      | 12 | New York.....    | Schooner .... | 153  | Boston to St. John...                         | Stranding ...          | Total ... | 5,000                      |
| April | 10 | Abbie Alice ...   | 72 | Halifax.....     | do            | 72   | Louisburg to Halifax                          | Foundering.            | do        | 1,600<br>cargo<br>400      |
| Aug.  | 26 | Annie A. ....     | 3  | Port Hawkesbury. | do            | 21   | Baddeck to Burgeo...                          | Stranding ...          | do        | 600                        |
| Sept. | 25 | Aurora .....      | 2  | Norway .....     | Bark .....    | 661  | Montreal to Montevideo.                       | Collision ...          | Partial . | 9,000<br>cargo<br>1,000    |

STATEMENT of Wrecks and Casualties to Sea-going Vessels—Continued.

| Date of Casualty. | Name of Vessel.   | Age.  | Port of Registry.    | Rig.           | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Nature of Casualty. | Cause of Casualty. | Lives Lost. | Total or Partial Losses. | Amount.            |
|-------------------|-------------------|-------|----------------------|----------------|-------------------|------------------------------------|--------------------------------|---------------------|--------------------|-------------|--------------------------|--------------------|
| Oct. 26           | Aloe .....        | 15    | Parrsboro' .....     | Schooner ..... | 84                | Parrsboro' to St. John             | Bay of Fundy .....             | Abandoned .....     | Gale .....         | .....       | Total .....              | \$ 400             |
| Nov. 12           | Atlas .....       | 20    | England .....        | Bark .....     | 616               | Quebec to Liverpool.               | Off Cape Ray .....             | Stranding .....     | do .....           | .....       | do .....                 | 10,000             |
| May 27            | Arrow .....       | 37    | Halifax .....        | Schooner ..... | 50                | Green Island to Liscomb.           | Crook's Ledge .....            | do .....            | do .....           | .....       | do .....                 | 700 cargo 2,000    |
| Dec. 22           | Adah. E. ....     | 9     | Port Medway .....    | do .....       | 119               | St. Martins to Medway.             | Pennant Bay .....              | do .....            | do .....           | .....       | do .....                 | 3,500 cargo 240    |
| do 19             | A. S. H. ....     | ..... | French .....         | Brig .....     | .....             | St. Pierre to Boston.              | Sable Island .....             | do .....            | do .....           | .....       | .....                    | Unknown.           |
| Mar. 7            | Brazil .....      | 3     | Halifax .....        | Brig .....     | 221               | Pernambuco to Halifax.             | Unknown .....                  | Unknown .....       | do .....           | .....       | Partial .....            | 1,000              |
| Jan. 25           | Bella Mudge ..    | 11    | do .....             | Bark .....     | 635               | Ernsswick, Ga., to Buenos Ayres.   | Cape St. Roque .....           | Stranding .....     | do .....           | .....       | Total .....              | 25,000 cargo 3,000 |
| May. 2            | Brigida .....     | 23    | Norway .....         | do .....       | 456               | Cork to Newcastle ..               | Gulf St. Lawrence ..           | Damaged .....       | Ice .....          | .....       | Partial .....            | 3,500              |
| do 12             | Benona .....      | 5     | Liverpool, G.B ..... | Steamship ..   | 781               | Pictou to Montreal ..              | Prince Edward Island.          | do .....            | Ice .....          | .....       | .....                    | Unknown.           |
| Sept. 3           | Bertha A. Watt .. | 3     | Lunenburg .....      | Schooner ..... | 146               | Inagua to Halifax .....            | Bahamas .....                  | Stranding .....     | Error .....        | .....       | Partial .....            | 300 cargo 180      |
| July 18           | do .....          | 3     | do .....             | do .....       | 146               | Halifax to Jamaica ..              | Jamaica .....                  | Sunk .....          | Accident .....     | .....       | do .....                 | 700                |
| Sept. 16          | Break of Day ..   | 16    | Pictou .....         | do .....       | 36                | Port Hood to Margaree.             | Margaree .....                 | Stranding .....     | Gale .....         | .....       | Total .....              | 1,000 partial 750  |
| Dec. 4            | Bonanza .....     | 9     | Victoria, B.O. ....  | do .....       | 66                | In port .....                      | In port .....                  | Sinking .....       | Accident .....     | .....       | Partial .....            | 150                |



| Date     | Name                 | Age   | Yarmouth      | Bark       | 799/Baltimore to Ham- burg.        | 799/Baltimore to Ham- burg.        | Foundering, Hurricanes      | 8 Total   | 12,000<br>o'go<br>50,000  |
|----------|----------------------|-------|---------------|------------|------------------------------------|------------------------------------|-----------------------------|-----------|---------------------------|
| Jan. 26  | Champion             | 13    | Yarmouth      | Bark       | 799/Baltimore to Ham- burg.        | 799/Baltimore to Ham- burg.        | Foundering, Hurricanes      | 8 Total   | 12,000<br>o'go<br>50,000  |
| May 14   | C. R. C.             | 13    | Jersey, G.B.  | Brig       | 248 Arichat to Rio Ja- neiro.      | 248 Arichat to Rio Ja- neiro.      | Stranding... Fog            | Partial.  | 4,000<br>cargo<br>4,000   |
| July 1   | Coloussay            | 2     | Glasgow       | Steamship  | 715 Boston to Penarth N. S. Coast. | 715 Boston to Penarth N. S. Coast. | do ... Currents             | do ...    | 5,000                     |
| do       | Core                 | 5     | Yarmouth      | Brig       | 233 Yarmouth to Bridge- water.     | 233 Yarmouth to Bridge- water.     | do ... Fog                  | Total     | 9,000                     |
| do       | Cavaller             | 18    | London, G.B.  | Bark       | 1088 Quebec to Cardiff             | 1088 Quebec to Cardiff             | do ... Error of judg- ment. | Unknown.  | Unknown.                  |
| April 28 | Calabria             | 3     | Parrsboro'    | Schooner   | 530 Gibraltar to Shel- burne.      | 530 Gibraltar to Shel- burne.      | Collision                   | Partial.  | 2,000                     |
| Aug. 31  | Olars Rogers         | 4     | Arichat       | do         | 121 Canso to Halifax               | 121 Canso to Halifax               | Sheet Harbor, N.S.          | Total     | 4,500<br>cargo<br>400     |
| July 8   | Concurrent           | ..... | Norway        | Bark       | 548 Santander to St. Thomas.       | 548 Santander to St. Thomas.       | Collision                   | Partial.  | 500                       |
| Oct. 11  | Chs. Valentine       | 12    | Sydney        | Schooner   | 120 Halifax to Gabarus             | 120 Halifax to Gabarus             | Stranding ... Gale          | 6 Total   | 3,000                     |
| April 3  | Daniel Stein- man.   | ..... | Antwerp       | Steamer    | 1330 Antwerp to Halifax            | 1330 Antwerp to Halifax            | Stranding ... Error         | 123 Total | 180,000<br>o'go<br>50,000 |
| June 23  | De Salaberry         | 29    | South Shields | Bark       | 838 Quebec to Scotland             | 838 Quebec to Scotland             | Collision                   | Partial.  | 1,200                     |
| Feb. 1   | Dewdrop              | 9     | Gaspé         | Schooner   | 101 Turk's Island to Jer- sey.     | 101 Turk's Island to Jer- sey.     | Abandoned.. Leak            | Total     | 1,500                     |
| Jan. 30  | Dottie               | 12    | Halifax       | Brigantine | 96 Halifax to St. Thomas           | 96 Halifax to St. Thomas           | do ... Dismasted, &c.       | do ...    | 3,000                     |
| April 18 | Duntulm              | 4     | Sydney        | Schooner   | 78 Glouce Bay to Bad- deck.        | 78 Glouce Bay to Bad- deck.        | Burned                      | do ...    | 3,000                     |
| Jan. 4   | Emma M. Nick- erson. | ..... | Charlottetown | do         | 115 Grand River to Glou- cester.   | 115 Grand River to Glou- cester.   | Stranding ... Gale          | Partial.  | 700                       |
| do       | Emily Lowther        | 13    | Yarmouth      | Bark       | 762 Dunkirk to Delaware ness.      | 762 Dunkirk to Delaware ness.      | Damaged ... do              | do ...    | 3,000                     |
| do       | Edgar                | 12    | do            | Ship       | 1090 Liverpool to Dela- ware.      | 1090 Liverpool to Dela- ware.      | Abandoned. do               | Total     | 180,000                   |

STATEMENT of Wrecks and Casualties to Sea-going Vessels—Continued.

| Date of Casualty. | Name of Vessel.    | Tonnage. | Port of Registry. | Rig.       | Register Tonnage. | Port sailed from.<br>Port bound to. | Place where Casualty happened. | Nature of Casualty. | Cause of Casualty. | Lives Lost. | Total or Partial Loss. | Amount.           |
|-------------------|--------------------|----------|-------------------|------------|-------------------|-------------------------------------|--------------------------------|---------------------|--------------------|-------------|------------------------|-------------------|
| May 4             | Eugenie Mc-Millan. | 7        | Halifax.          | Schooner.  | 56                | Ship Harbor to Grand River.         | Canso                          | Stranding           | Gale               | .....       | Partial.               | \$ 400            |
| April 20          | Eleanor            | 10       | do                | Brigantine | 299               | New York to Montevideo.             | do                             | do                  | do                 | .....       | Total                  | 5,000             |
| July 7            | Ethel Emerson      | 2        | Dorchester, N.B.  | Schooner   | 176               | Portsmouth to New Bandon.           | Coast of Nova Scotia.          | do                  | Fog                | .....       | do                     | 8,500             |
| do                | Eliza              | 9        | Arichat           | Brigantine | 205               | Arichat to Portland.                | Portland                       | do                  | do                 | .....       | do                     | 1,400             |
| Aug. 23           | Edina              | 13       | St. John          | Bark       | 599               | Dublin to Sydney                    | Newfoundland Banks             | Collision           | Error              | .....       | Partial.               | 250               |
| April             | Europe             | 14       | St. Catharines    | Steamer    | 628               | At wharf                            | Welland Canal                  | Burned              | Unknown            | .....       | Total                  | 16,500            |
| Sept. 20          | Emma May           | 6        | Halifax           | Schooner   | 93                | Halifax to Cuba                     | Atlantic                       | Damaged             | Gale               | .....       | 1 Partial.             | 1,500 cargo 200   |
| Oct. 28           | Elizabeth Jane     | 28       | St. Johns         | Brigantine | 131               | St. Anthony to Montserrat.          | Mingan Islands                 | Stranding           | Currents           | .....       | Total                  | 2,500 cargo 2,500 |
| Nov. 1            | Elizabeth Ann      | 18       | Pictou            | Schooner   | 173               | Pictou to Boston                    | Canso                          | Collision           | Unknown            | .....       | Partial.               | 700               |
| June 24           | Etta Stewart       | 12       | St. John          | Bark       | 787               | Delaware to Schieffelin dam.        | Florida Reef                   | Stranding           | Fog                | .....       | do                     | 15,000            |
| Dec. 15           | Ella Blanche       | 4        | Digby             | Schooner   | 128               | St. Johns to Sydney.                | Rocky Bay                      | do                  | Gale               | .....       | Total                  | 4,000             |
| Jan. 9            | Florence           | 1        | Shelburne, N.S.   | do         | 114               | Halifax to Boston                   | Jordan Bay                     | do                  | do                 | .....       | do                     | 6,000             |
| Jan. 19           | Flora P. Stafford. | 1        | Windsor           | Ship       | 1352              | Liverpool to New York.              | St. George's Channel.          | Damaged             | do                 | .....       | Partial.               | 1,000             |

| May 19    | Frank A. Williams. | 18 | Gloucester.   | Schooner    | Gloucester to Magdalen.          | Northumberland Strait.  | Collision       | Unknown. | do      | 300                  |
|-----------|--------------------|----|---------------|-------------|----------------------------------|-------------------------|-----------------|----------|---------|----------------------|
| Mar. 30   | Frank & Williams.  | 3  | St. John.     | do          | 92 St. John to New York.         | Vineyard Sound          | Stranding       | Gale     | do      | 2,500 cargo 200      |
| June 24   | F. H. Smith.       | 1  | North Haven.  | do          | 70 North Haven to St. Lawrence.  | Cape Causo              | Lost mast       | do       | do      | 300                  |
| July 9    | Fylgia             | 5  | London        | Steamer     | 963 Picton to Montreal.          | Percé                   | Stranding       | Fog      | Total   | Unknown.             |
| Sept. 29  | Finchley           | 3  | do            | do          | 1265 South Carolina to London.   | Isaac's Harbor, N.S.    | do              | do       | do      | 108,000 cargo 12,000 |
| Feb. 29   | Fleetwing          | 7  | St. John.     | Brigantine. | 187 New York to St. John.        | Cape Cod                | do              | Gale     | do      | 5,500 cargo 16,000   |
| Aug. 1    | Freddie D          | 1  | do            | Schooner    | 90 Boston to Moncton.            | Cape Enrage             | do              | Fog      | Partial | 1,700                |
| Nov. 11   | Fransiska          | 32 | Norway        | Bark.       | 493 Shediac to Belfast.          | Shediac                 | do              | Error    | do      | 6,000 cargo 500      |
| Jan. 2    | Grace E. Oann.     | 15 | St. John.     | do          | 684 St. John to Oran.            | Sheep Island            | do              | Gale     | Total   | 10,000 cargo 5,000   |
| 15 Feb. 6 | Georgie            | 8  | Windsor, N.S. | do          | 646 Cardiff to Hong Kong.        | S. Atlantic Ocean.      | Foundering.     | Leak     | do      | 25,000 cargo 3,000   |
| April 9   | Geo. Calhoun.      | 14 | St. John.     | Schooner    | 114 Providence to St. John.      | do                      | Abandoned.      | Gale     | do      | 2,000                |
| June 2    | Georgie D. Paine.  | 1  | Provincetown. | do          | 159 Provincetown to St. Peter's. | LaHave                  | Losses masts.   | Gale     | Partial | 350                  |
| Feb. 26   | George Peabody.    | 17 | Yarmouth      | Bark        | 693 New York to Dun- kirk.       | Atlantic Ocean.         | Abandoned.      | Fire     | Total   | 10,000               |
| July 5    | Guide              | 19 | Shelburne     | Schooner    | 60 Aspy Bay to Boston.           | Near Cape St. Lawrence. | Vessel leaking. | Gale     | Partial | 400                  |
| June 14   | G. P. Sherwood     | 14 | St. John.     | Brigantine  | 400 Philadelphia to Halifax.     | Unknown                 | Foundering.     | Gale     | Total   | 5,000 cargo 2,500    |
| Sept. 11  | Grey Parrot        | 1  | do            | Schooner    | 97 Little Glace Bay to Ipswich.  | Schooner Pond, C.B.     | Stranding       | Currents | Partial | 1,500                |
| Nov. 22   | Glad Tidings.      | 6  | do            | do          | 75 Moncton to Salem.             | Bunker's Ledge, Maine.  | do              | Fog      | Total   | 2,000 cargo 1,500    |

STATEMENT of Wrecks and Casualties to Seagoing Vessels—Continued.

| Date of Casualty. | Name of Vessel.   | Age. | Port of Registry. | Rig.          | Register Tonnage. | Port sailed from.<br>Port bound to. | Place where Casualty happened. | Nature of Casualty. | Cause of Casualty. | Lives Lost. | Total or Partial Loss. | Amount.               |
|-------------------|-------------------|------|-------------------|---------------|-------------------|-------------------------------------|--------------------------------|---------------------|--------------------|-------------|------------------------|-----------------------|
| Oct. 14           | Gurli .....       | 31   | Swedish .....     | Bark .....    | 686               | Quebec to Tralee.....               | Magdalens .....                | Stranding ..        | Gale .....         | .....       | Partial.               | \$ 8,000<br>cargo 600 |
| Jan. 9            | Kopvine .....     | 5    | St. John .....    | Schooner ...  | 91                | St. John to Quaco....               | Quaco Beach .....              | do .....            | Missed stays ...   | .....       | Partial.               | 200                   |
| March...          | Hector .....      | 11   | Sunderland....    | Steamship...  | 1283              | Liverpool to New York.              | Atlantic Ocean....             | Damaged....         | Gale .....         | .....       | do .                   | 1,000                 |
| 15 4<br>Jan. 28   | Hannah Blanchard. | 5    | Windsor .....     | Bark .....    | 491               | New York to Havre.                  | Havre Roads.....               | do .....            | do .....           | .....       | .....                  | 1,050                 |
| June 14           | Henrys .....      | 20   | Quebec .....      | Brigantine... | 307               | New York to Quebec                  | Chedabucto Bay ...             | Struck rock.        | Error .....        | .....       | Partial.               | 850<br>cargo 250      |
| April 19          | Henry .....       | 29   | St. John .....    | Ship .....    | 1095              | St. John to Liverpool               | Atlantic Ocean....             | Leak .....          | Gale .....         | .....       | Total ...              | 7,500                 |
| Feb. 13           | Hiawatha .....    | 6    | Sackville .....   | Bark .....    | 390               | Matamyas to New York.               | At sea.....                    | Collision ...       | Error .....        | .....       | Partial.               | 2,000                 |
| Jan. 1            | Herbert Beech.    | 15   | Yarmouth .....    | Ship .....    | 1061              | Antwerp to Philadelphia.            | Near Flushing, G.B             | Stranding ...       | Gale .....         | .....       | do .                   | 8,250                 |
| Aug. 2            | Hector .....      | 21   | Sunderland....    | Steamship...  | 1283              | Chatham to Glasgow                  | Miramichi .....                | do .....            | Error .....        | .....       | .....                  | 250                   |
| Sept. 12          | Hope .....        | 5    | Guyaboro' .....   | Schooner....  | 25                | Harbor au Bouche to Cheticamp.      | Pleasant Bay, N.S.             | do .....            | Gale .....         | .....       | Partial.               | 400<br>cargo 500      |
| Feb. 16           | Honolulu .....    | 2    | St. John .....    | Ship .....    | 1599              | San Francisco to Havre.             | At wharf .....                 | Collision....       | Error .....        | .....       | Partial.               | 4,000                 |
| June 4            | Ideal .....       | 9    | Gaspé .....       | Schooner ...  | 65                | Magpie to Gaspé.....                | St. Lawrence .....             | Stranding ...       | do .....           | .....       | Total ...              | 2,000                 |
| July 4            | Inveralt .....    | 13   | Liverpool .....   | Steamship ... | 841               | Montreal to Pictou..                | Pictou Island .....            | do .....            | Fog .....          | .....       | .....                  | Unknown.              |

| May 12/Ice Bld .....     | 8 Gaspé .....            | Schooner .....    | 39 Esquimaux Point.....                | For Bay .....                  | do .....        | Ice .....          | Total ..... | 1,000              |
|--------------------------|--------------------------|-------------------|--|--------------------------------|-----------------|--------------------|-------------|--------------------|
| Jan. 13 Janié.....       | 12 Greenock.....         | Bark.....         | 254 Bahis to Halifax .....             | Tusket, N.S.....               | Stranding ..... | Squall.....        | Total.....  | 5,500 cargo 1,000  |
| April 30 J. B. Saint.... | 5 St. Johns.....         | Schooner....      | 80 Carbonear to Char-<br>lottetown.    | Torrey River .....             | do .....        | Ice.....           | do .....    | 2,400              |
| Mar. 30 J. C. Robertson  | 10 Yarmouth .....        | Ship.....         | 1036 Pesagua to Hampton<br>Roads.      | Near Valparaiso....            | do .....        | Gale .....         | do .....    | 18,000             |
| June 3 J. J. Bill.....   | 9 Charlottetown          | Schooner....      | 79 San Domingo to Porto<br>Rico.       | Near Porto Rico ...            | do .....        | Missed stays ..... | Partial..   | 2,500              |
| Aug. 18 Jumbo.....       | 1 do .....               | do .....          | 51 Sydney to Cascum-<br>pec.           | Beeton's Point.....            | do .....        | Fog.....           | do .....    | 2,100 cargo 225    |
| do 31 F. F. Whittaker    | 17 St. John.....         | do .....          | 210 New York to St.<br>Johns.          | Goose Island, N.S.             | do .....        | do .....           | Total....   | 2,000 cargo 15,000 |
| Sept. 4 John Wesley...   | 38 Lunenburg.....        | do .....          | 45 Liverpool to Halifax.               | Devil's Island,<br>Halifax.    | do .....        | do .....           | do .....    | 1,000              |
| Nov. 6 Joseph Ann ...    | 14 Port Hawkes-<br>bury. | do .....          | 23 Port Hood to Mar-<br>garee.         | Margaree.....                  | do .....        | Gale.....          | Partial..   | 150                |
| May 5 Kate Sancton .     | 15 Yarmouth .....        | Bark.....         | 677 Liverpool to Pictou .              | Teasdale, Eng.....             | do .....        | do .....           | Total....   | 10,000             |
| Feb. 20 Kelvin.....      | 5 St. John.....          | do .....          | 1098 Cardiff to Montevideo             | Cardiff Dock .....             | Collision ..... | Error.....         | Partial..   | 1,000              |
| do 20 Kate Mellick.      | 10 Halifax.....          | do .....          | 759 Lobos de Afuera to<br>Cork.        | Off Cape Horn .....            | Foundering..    | Gale .....         | do .....    | 12,000             |
| Nov. 22 Kate Wilson...   | 6 Dorchester.....        | Schooner....      | 85 Charlottetown to St.<br>Johns.      | McMillan's Point...            | Stranding ...   | Currents.....      | Partial..   | 800 cargo 100      |
| do 21 Kingbird .....     | 1 Charlottetown          | Brigantine... 147 | do ...                                 | Cape Spear.....                | do .....        | do .....           | Total....   | 7,000 cargo 2,000  |
| Mar. — Lizzie Marshall   | 7 American.....          | Bark .....        | 454 San Francisco to<br>Port Townsend. | Bonilla Point, Van-<br>couver. | do .....        | Parted cables. 1   | Total....   | 30,000             |
| Jan. 13 Lillian May...   | 9 Lunenburg.....         | Schooner....      | 168 Glace Bay to Car-<br>denas.        | Silver Keys, Baha-<br>mas.     | do .....        | Unknown.....       | do .....    | 3,000 cargo 1,200  |
| do 24 Lorne .....        | 6 Halifax.....           | Brigantine... 147 | Halifax to Porto Rico                  | Virgin Islands.....            | do .....        | Error.....         | Total....   | 5,500 cargo 8,000  |
| June 25 Lizzie .....     | 13 Newfoundland          | do .....          | 149 Newfoundland to<br>Bridgewater.    | Halifax.....                   | do .....        | do .....           | Partial..   | 900                |

STATEMENT of Wrecks and Casualties to Sea-going Vessels—Continued.

| Date of Casualty. | Name of Vessel.      | Age. | Port of Registry. | Rig.              | Register Tonnage.       | Port sailed from.<br>Port bound to. | Place where Casualty happened. | Nature of Casualty. | Cause of Casualty. | Lives Lost. | Total or Partial Loss. | Amount.           |
|-------------------|----------------------|------|-------------------|-------------------|-------------------------|-------------------------------------|--------------------------------|---------------------|--------------------|-------------|------------------------|-------------------|
| April 14          | Lillie Sleight-holm. | 8    | Barrington.....   | Brigantine....    | 269                     | Bahia to Halifax ...                | Atlantic Ocean....             | Foundering..        | Gale .....         | .....       | Total....              | \$ 5,500          |
| July 6            | Lincoln City..       | 1    | West Hartle-pool. | Steamship... 1760 | Gottenburg to New York. | Guyaboro' .....                     | Stranding ...                  | Fog .....           | .....              | .....       | Partial..              | 2,000             |
| June 20           | Laura Gertrude.      | 7    | Yarmouth .....    | Schooner....      | 47                      | Yarmouth to Quero Bank.             | Nova Scotia coast.             | do ..               | Gale .....         | .....       | Total....              | 2,400 cargo 800   |
| May 25            | L. H. DeVeber        | 13   | St John .....     | Bark .....        | 600                     | St. John to Avon-mouth.             | Lurcher Shoal .....            | Stranding ...       | Error.....         | .....       | do ...                 | 6 000 cargo 4,900 |
| Jan. 30           | Leadsdeer .....      | 9    | do .....          | do ..             | 427                     | Brunswick to Rio Janeiro.           | Brazil Coast .....             | do ...              | Current .....      | .....       | do ...                 | 20,000            |
| Aug. 17           | Lottie E.....        | 2    | Yarmouth .....    | Brigantine....    | 167                     | Antigua to Yarmouth                 | Cranberry Head ...             | do ...              | do .....           | .....       | Partial..              | 1,500 cargo 1,000 |
| Sept. 18          | Lealia .....         | 10   | Amherst ... ..    | do ..             | 1089                    | New York to Batavia                 | Ocean .....                    | Damaged ...         | Hurricane .....    | .....       | do ...                 | 1,600             |
| do 15             | Laig .....           | 6    | Halifax .....     | Schooner ...      | 99                      | New York to St. Johns.              | North Georges .....            | do ...              | do .....           | .....       | do ...                 | 1,800 cargo 100   |
| Aug. 27           | Lima .....           | 12   | Yarmouth .....    | Bark .....        | 892                     | Sydney to Glace Bay                 | Sydney Harbor....              | Collision ....      | Error .....        | .....       | do ...                 | 500               |
| Sept. 6           | Lina .....           | 12   | do .....          | do ..             | 892                     | Sydney to Quebec ...                | Goose Island .....             | Stranding ...       | do .....           | .....       | do ...                 | 200               |
| Nov. 17           | Lord Lyons ...       | 23   | Halifax .....     | Schooner ...      | 51                      | River Inhabitants to Halifax.       | Seal Harbor .....              | do ...              | Gale .....         | .....       | Total ...              | 703 cargo 1,300   |
| do 19             | Loyalist .....       | 1    | St. John .....    | do ..             | 87                      | Moncton to Salem ...                | Steele's Island, Me.           | do ...              | do .....           | .....       | do ...                 | 500 cargo 900     |

| Month | Day | Ship Name      | Origin            | Destination | Event                            | Reason                   | Value              | Notes   |
|-------|-----|----------------|-------------------|-------------|----------------------------------|--------------------------|--------------------|---------|
| May   | 17  | Moselle        | 5 Windsor         | do          | 199 Demerara to Halifax          | Herring Cove             | 800                | Partial |
| do    | 12  | Maryeville     | 15 St. John       | do          | 77 Musquash to Rockport          | Musquash River           | 200 cargo 80       | do      |
| June  | 12  | Mary Durkee    | 22 Yarmouth       | Bark        | 890 Sydney to Miramichi          | Magdalen Islands         | 900                | do      |
| Mar.  | 3   | Matilda Beck   | 7 Dorchester N.B. | Brigantine  | 270 West India Islands to Boston | Massachusetts Coast      | 4,000 cargo 10,000 | do      |
| May   | 12  | Marguerite     | 13 Gaspé          | Schooner    | 27                               | Fox Bay, Anticosti       | Unknown            | do      |
| do    | 12  | McK            | 5 Lunenburg       | do          | 39 Sealing voyage                | do                       | 2,000              | Total   |
| Jan.  | 17  | Maggie Elliott | 12 Halifax        | Bark        | 799 Iqueque to Hampton Roads     | Atlantic Ocean           | 24,000             | do      |
| Sept. | 19  | Moss Glen      | 5 St. John        | do          | 893 New York to Dunkirk          | do                       | 3,000              | Partial |
| July  | ... | Mizrab         | ...               | Bark        | 738 Quebec to Liverpool          | Near St. Denis Wharf     | 500                | Partial |
| Sept. | 18  | Minnie Butler  | 9 Halifax         | Brigantine  | 120 Halifax to Kingston          | Atlantic Ocean           | 6,000 cargo 7,000  | Total   |
| Oct.  | 7   | Mary           | 23 Arichat        | Schooner    | 101 Arichat to North Sydney      | Big Bras d'Or            | 600                | Partial |
| Aug.  | 22  | Magenta        | 11 Windsor        | Bark        | 327 Amoy to Norechway            | Amoy Harbor              | 9,000 cargo 30,000 | Total   |
| Oct.  | 22  | Maggie Noble   | 5 St. John        | Nil         | 9 At wharf                       | Rothsay                  | 2,000              | do      |
| April | 4   | Newcastle City | 2 England         | Steamer     | 1384 Halifax to Boston U.S.      | Little Hope Island, N.S. | 4,000 cargo 4,000  | Partial |
| May   | 22  | Natrona        | 24 St. Johns      | Schooner    | 139 Glace Bay to Quebec          | Red Island, St. Lawrence | 1,700              | do      |
| July  | 10  | Nellie Crosby  | 10 Yarmouth       | Brigantine  | 440 Puerto Ferro to New York     | Puerto Ferro             | 1,500 cargo 1,500  | do      |
| Feb.  | 1   | Osage          | 11 Pictou         | Bark        | 397 Trinidad to Philadelphia     | Delaware Breakwater      | 6,000              | do      |
| Aug.  | 23  | Oi Kaze        | 4 Port Medway     | Sloop       | 9 Halifax to Sydney              | Country Harbor           | 800                | Total   |
| Mar.  | 1   | Ocean          | 10 Liverpool      | Brig        | 651 Pensacola to Buenos Ayres    | Island of St. Thomas     | 7,000              | do      |

STATEMENT of Wrecks and Casualties to Sea-going Vessels—Continued.

| Date of Casualty. | Name of Vessel.     | Age. | Port of Registry. | Rig.       | Register Tonnage. | Port sailed from. Port bound to. | Place where Casualty happened. | Nature of Casualty.   | Cause of Casualty. | Lives Lost. | Total or Partial Loss. | Amount.               |
|-------------------|---------------------|------|-------------------|------------|-------------------|----------------------------------|--------------------------------|-----------------------|--------------------|-------------|------------------------|-----------------------|
| May 3             | Ocean Express       | 12   | Shelburne         | Bark       | 489               | Portland to Bahia Blanca.        | Bahia Blanca.                  | Stranding             | Error              | .....       | Total                  | \$ 15,000 cargo 1,200 |
| Mar. ...          | Para                | 10   | St. John, N.B.    | Brigantine | 281               | Pernambuco to Halifax.           | Berry Head, Guysboro'          | do                    | Ice                | .....       | do                     | 8,000 c'go 10,000     |
| Feb. 21           | Premier             | 19   | Halifax           | do         | 139               | Halifax to Cuba                  | Atlantic Ocean                 | Dismasted and leaking | Stress of weather. | .....       | do                     | 4,000 cargo 1,200     |
| April 18          | Ponema              | 9    | Chatham           | Bark       | 748               | Liverpool to Miramichi.          | do                             | Collision             | "Florida"          | 12          | do                     | 25,000                |
| do 25             | Paris               | 45   | Jersey            | Brig       | 187               | Jersey to Arichat                | do                             | do                    | Iceberg            | .....       | Partial                | 1,000                 |
| Aug. 20           | Prince Arthur       | 19   | Gaspé             | Steamer    | 343               | Clayton to Montreal.             | St. Lambert                    | Collision             | "Corsican"         | .....       | Partial                | 200                   |
| Oct. 22           | Plevna              | 7    | Liverpool         | Bark       | 656               | St. John to Carnarvon.           | Bliss Island                   | Stranding             | Error              | .....       | Total                  | 13,000 c'go 5,000     |
| Dec. 20           | Polar Star          | 9    | do                | Schooner   | 75                | Louisburg to Arichat             | At sea                         | Damaged               | Gale               | .....       | Partial                | 600                   |
| May 19            | Queen of the East.  | 27   | Halifax           | do         | 24                | Halifax to Maina-Dieu.           | East coast of Nova Scotia.     | Abandoned             | Leaking            | .....       | Total                  | 600 cargo 1,500       |
| April 15          | R. F. Matthews      | 5    | London            | Steamer    | 1280              | New Orleans to Hamburg.          | Atlantic                       | Lost propeller        | Gale               | .....       | Partial                | 3,000                 |
| May 16            | Richard Hutchinson. | 4    | Chatham           | Bark       | 767               | Halifax to Chatham.              | White Island, N.S.             | Stranding             | do                 | .....       | do                     | 3,000                 |



| July 14 | River Ettrick. | 1               | Glasgow.....      | Steamer.....     | 884  | Glace Bay to Mon-<br>Green Island Lodge<br>treal. | do | Ice.....                  | .....     | Unknown.              |
|---------|----------------|-----------------|-------------------|------------------|------|---|----|---------------------------|-----------|-----------------------|
| do      | 15             | Rolf .....      | Norway .....      | Bark .....       | 822  | Chatham to Liver-<br>pool.                        | do | Gale .....                | Total ... | 10,000<br>c'go 8,000  |
| do      | 7              | R. Grant .....  | Sydney .....      | Schooner ...     | 43   | Halifax to Ingonish.<br>Pettipas Shoal,<br>Unso.  | do | do .....                  | Partial.. | 200<br>cargo 500      |
| Mar.    | 13             | Royal Harrie .. | St. John.....     | Bark ..          | 492  | Colombo to London.<br>On voyage.....              | do | Leaking .....             | Total ... | 16,000                |
| Aug.    | 6              | Rotheasy .....  | do .....          | Brigantine... .. | 148  | St. John to Sydney..                              | do | Fog .....                 | do ...    | 6,000<br>c'go 11,000  |
| Sept.   | 26             | Rondo.....      | do .....          | Schooner.....    | 123  | St. John to New York                              | do | "Panther" .....           | Partial.. | 2,000                 |
| Jan.    | 19             | Sea Breeze..... | Digby .....       | Brigantine... .. | 189  | Boston to Bear River                              | do | Snow squall .....         | Total ... | 3,000<br>cargo 3,200  |
| Feb.    | 13             | Stowell Brown   | St. John.....     | Ship ..          | 1369 | Cardiff to Rio Janeiro                            | do | Error .....               | do ...    | 45,000<br>cargo 6,300 |
| Mar.    | 16             | Souvenir .....  | Yarmouth .....    | Bark ..          | 828  | St. John to Liver-<br>pool.                       | do | Gale .....                | do ...    | 15,000                |
| June    | 26             | Sarah Godfrey   | Dorchester....    | Schooner....     | 186  | Rio Grande to New<br>York.                        | do | Damaged .....             | Partial.. | 1,500                 |
| Sept.   | 11             | St. John A..... | Guyshoro' .....   | do               | 25   | St. Peter's to Guys-<br>boro'.                    | do | Accident .....            | Total ... | 800<br>cargo 1,500    |
| do      | 5              | Sarah Alice.... | new Halifax ..... | do               | 93   | Newfoundland to<br>Halifax.                       | do | Masts carried Squall..... | Partial.. | 1,800                 |
| April   | 4              | Semantha .....  | St. John.....     | Bark ..          | 899  | Moulmein to La La<br>Civitat.                     | do | Error.....                | .....     | Unknown.              |
| July    | 12             | State of Maine  | Eastport.....     | Steamer.....     | 1145 | Eastport to St. John                              | do | Fog .....                 | Partial.. | 60,000<br>cargo 1,000 |
| do      | 2              | Sea Nymph....   | Halifax .....     | Schooner ...     | 43   | Halifax to Sher-<br>brooke.                       | do | do .....                  | do ...    | 156<br>cargo 150      |
| Sept.   | 25             | Saguenay.....   | Quebec.....       | Steamer.....     | 423  | Quebec to Riviere du<br>Murray Bay.               | do | Burning .....             | Total.... | 60,000                |

STATEMENT of Wrecks and Casualties to Sea-going Vessels—Continued.

| Date of Casualty. | Name of Vessel.   | Age.  | Port of Registry.  | Rig.           | Register Tonnage. | Port sailed from.—<br>Port bound to. | Place where Casualty happened. | Nature of Casualty. | Cause of Casualty. | Lives Lost. | Total or Partial Loss. | Amount.              |
|-------------------|-------------------|-------|--------------------|----------------|-------------------|--------------------------------------|--------------------------------|---------------------|--------------------|-------------|------------------------|----------------------|
| May 4             | Tunstall.....     | 4     | Montreal ...       | Steamer .....  | 816               | Pictou to Montreal                   | Prince Edward Is-land.         | Damaged ...         | Ice .....          | .....       | Total...               | \$ 40,000            |
| Mar. 4            | Tempest .....     | 6     | St. John .....     | Bark .....     | 476               | Philadelphia to Con-stantinople.     | Newcastle, Dela-ware.          | do ...              | do .....           | .....       | Partial..              | 3,000                |
| Sept. 11          | Twilight . ....   | 13    | Yarmouth .....     | Schooner ...   | 58                | Newfoundland to Yarmouth.            | Cape Island .....              | Stranding ...       | Error .....        | 2           | Total....              | 4,500<br>cargo 3,500 |
| Aug. 30           | Tickler .....     | 28    | Jersey .....       | do .....       | 96                | Arichat to New Car-lisle.            | Pokemouche Sand Bar.           | do ...              | do .....           | .....       | Partial..              | 500                  |
| Mar. 1            | Thetis.....       | 10    | Darmen .....       | Brig... ..     | 558               | London to Quebec ...                 | Magdalens.....                 | do ...              | Gale.....          | .....       | Total....              | 8,000                |
| Feb. 9            | Umatilla.....     | 2     | Portland, Ore-gon. | Steamer.....   | 1386              | San Francisco to Seattle.            | Near Cape Flattery             | do ...              | Snow squall ...    | .....       | do ...                 | 300,000              |
| Jan. 21           | Union .....       | 5     | St. John .....     | Schooner ...   | 149               | St. John to New York.                | Martha's Vineyard              | do ...              | do ...             | .....       | Partial..              | 600                  |
| July 10           | Victor .....      | 10    | Charlottetown      | Schooner ..... | 123               | St. Johns to Bridge-water.           | Grand River.....               | Stranding ...       | Fog .....          | .....       | Total ...              | 2,000                |
| Sept. 29          | Veloz.....        | 7     | Yarmouth .....     | do ...         | 54                | Meteghan to Glou-ces-ter.            | Matinicas.....                 | do ...              | do .....           | .....       | do ...                 | 2,000                |
| Jan. 6            | Welcome Re-turn.  | ..... | Sydney, C.B..      | do ...         | 69                | Halifax to Cow Bay.                  | Ferguson's Cove...             | Collision.....      | "W. L. J." ..      | .....       | Partial..              | 250                  |
| do                | W. L. J .....     | 13    | Swansea .....      | Bark .....     | 302               | Pernambuco to Hali-fax.              | do do ...                      | do ...              | "Welcome Re-turn." | .....       | do ..                  | 1,000                |
| May 15            | William B. Barry. | 14    | St. John, N.B.     | Schooner.....  | 141               | St. John to Boston ...               | Herring Gut, Maine             | Stranding ...       | Error .....        | .....       | Total ...              | 2,300                |

| April 1  | Warwick .....         | 4  | Chatham .....          | do              | 145  | St. John to Ponce....         | Ocean .....         | Abandoned / Gale ..... | do        | 7,000<br>cargo 2,000  |
|----------|-----------------------|----|------------------------|-----------------|------|-------------------------------|---------------------|------------------------|-----------|-----------------------|
| July 13  | Warwick .....         | 2  | Bristol .....          | Steamship ..... | 1648 | Newport to Montreal           | Fox River .....     | Stranding ...          | do        | Unknown.              |
| June 22  | Western Light         | 35 | Charlottetown          | Schooner....    | 49   | Anticosti to Minimi-<br>gash. | Hog Island. ....    | do ...                 | Total ... | 1,000<br>cargo 700    |
| do 10    | Wellington ...        | 1  | Newcastle-on-<br>Tyne. | do              | 1964 | In port .....                 | Departure Bay.....  | Collision ...          | Partial.. | 3,000                 |
| Jan. ... | West Cumber-<br>land. | 4  | Maryport .....         | Steamship ...   | 898  | Workington to St.<br>John.    | On the voyage.....  | Damaged....            | do        | 300                   |
| do 28    | Xebec .....           | 8  | Digby .....            | Schooner....    | 195  | Boston to Annapolis.          | Frenchman's Bay.    | do ...                 | do        | 1,000                 |
| Oct. 2   | Xebec .....           | 8  | do                     | do              | 195  | Euctouche to Boston           | Off Pictou Island.. | Burning ...            | Total ... | 6,000<br>cargo 600    |
| Jan. 4   | Yarmouth .....        | 14 | Yarmouth .....         | Bark .....      | 698  | Gloucester to Yar-<br>mouth.  | Yarmouth Island...  | Stranding ...          | do        | 15,000<br>cargo 3,000 |
| Feb. 29  | Zulu .....            | 5  | Barrington....         | Brigantine..    | 144  | Bermuda to Halifax..          | Margaret's Bay .... | Masts cut<br>away.     | Partial.. | 3,000                 |

APPENDIX No. 5.

STATEMENT of Wrecks and Casualties reported as having occurred on the Inland Waters of Canada, from the 1st January, 1884, to 31st December, 1884.

| Date of Casualty. | Name of Vessel.  | Age.  | Port of Registry. | Rig.          | Register Tonnage. | Port sailed from. Port bound to. | Place where Casualty happened.  | Nature of Casualty. | Cause of Casualty.     | Lives Lost. | Total or Partial Loss. | Amount.              |
|-------------------|------------------|-------|-------------------|---------------|-------------------|----------------------------------|---------------------------------|---------------------|------------------------|-------------|------------------------|----------------------|
| June 17           | Alexandrian..... | ..... | Montreal.....     | Steamer.....  | 508               | Trenton to Montreal.             | Near Montreal.....              | Stranding...        | Rudder chain breaking. | .....       | Partial..              | \$ 1,000             |
| July 9            | Alberta.....     | 1     | do .....          | do .....      | 1155              | Owen Sound to Port Arthur.       | Sault Ste. Marie....            | Collision....       | "Pacific".....         | .....       | do ...                 | Unknown.             |
| do 27             | Alberta.....     | 1     | do .....          | do .....      | 1155              | Sault Ste. Marie to Port Arthur. | White Fish Point.               | do ...              | Fog .....              | 1           | do ...                 | do                   |
| May.....          | Argyle.....      | ..... | American.....     | do .....      | 405               | do do ...                        | Michipicoten.....               | Stranding..         | Reef .....             | .....       | do ...                 | 2,000                |
| Oct. 7            | Albert.....      | 17    | Montreal.....     | do .....      | 110               | Montreal.....                    | In canal.....                   | Burned....          | Sparks .....           | .....       | Total ...              | 8,000                |
| June 5            | Cells.....       | 22    | Liverpool... ..   | do .....      | 1325              | Quebec to Montreal..             | St. Lawrence .....              | Collision....       | Error.....             | .....       | Partial..              | Unknown.             |
| do 6              | California.....  | 10    | Montreal.....     | do .....      | 581               | Chicago to Montreal              | Sand Beach.....                 | Stranding...        | Fog .....              | .....       | do ...                 | 9,000<br>c'go 11,000 |
| Aug. 26           | Defiance.....    | 5     | St. Catharines    | Schooner..... | 89                | Niagara to St. Catharines.       | Dalhousie Harbor, Lake Ontario. | Foundering.         | Gale .....             | .....       | Partial..              | 1,200                |
| June 10           | Energy.....      | 1     | Wallaceburg ..    | Steamer.....  | 70                | Wallaceburg to Detroit.          | Lake St. Clair.....             | do ...              | do .....               | .....       | do ...                 | 3,000<br>cargo 200   |
| July 6            | Erie Queen....   | 10    | Port Rowan ...    | Schooner....  | 217               | Whitby to Prescott.              | Cole's Light, near Brockville.  | Stranding...        | do .....               | .....       | Partial..              | 3,625<br>c'go 15,500 |

| Oct. 28 Fortune .....        | 8 Hamilton .....  | Steamer.....  | 167 Port Stanley to Buf-Long Point, Lakes/Leaking and do beached. | Total ...                 | 7,000 cargo               |
|------------------------------|-------------------|---------------|---|---------------------------|---------------------------|
| June 8 Hope .....            | 6 Montreal .....  | do .....      | 162 Quebec to Montreal. St. Lawrence.....                         | Collision ... Error.....  | 500 Partial.              |
| May..... J. S. Severns ..... | American .....    | do .....      | 173 Michipicoten to Port Arthur. Michipicoten .....               | Stranding ... Reef.....   | do ... Unknown.           |
| Oct..... James .....         | 17 Quebec .....   | Barge .....   | 158 Montreal to Farrow's Point. Lachine Canal.....                | Foundering. Struck lock.  | 800 Total ...             |
| do 19 King Sisters...        | 22 American ..... | Schooner..... | 259 Duluth to Kingston.. Lake Erie.                               | Stranding ... Error ..... | do ... 8,000 cargo 17,000 |
| May..... Nellie Teresa .     | 9 Napanee.....    | do .....      | 98 Oswego to Hamilton. Port Hope Pier.....                        | Wrecked .... Gale .....   | do ... 5,000 cargo 872    |
| Sept. 26 Pacific.....        | 11 Montreal ..... | Barge .....   | 171 At Montreal.....  | Lachine Dam . Error ..... | do ... 500 cargo 1,100    |
| Oct. 27 Shandon.....         | 10 St. Catharines | Schooner....  | 330 Ashtabula to Owen Sound. Wingfield Basin....                  | Foundering. Leak.....     | do ... 11,000 Total ...   |

## APPENDIX No. 6.

SUPPLEMENT to the Statement of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels, during the Calendar Year of 1883.

| Date of Casualty. | Name of Vessel. | Age. | Port of Registry. | Rig.          | Register Tonnage. | Port sailed from. — Port bound to.    | Place where Casualty happened. | Nature of Casualty.    | Cause of Casualty.    | Lives Lost. | Total or Partial Loss. | Amount.                    |
|-------------------|-----------------|------|-------------------|---------------|-------------------|---------------------------------------|--------------------------------|------------------------|-----------------------|-------------|------------------------|----------------------------|
| Oct. 16           | Addie Benson.   | 10   | Digby .....       | Brigantine... | 327               | Digby to Cow Bay...                   | Cow Bay .....                  | Stranding...           | Gale .....            | .....       | Partial..              | \$ 4,000                   |
| Sept. 26          | Alice.....      | 7    | Quebec.....       | Bark .....    | 724               | Sydney to Quebec....                  | Anticosti.....                 | do ...                 | do .....              | .....       | Total....              | ship 18,000<br>cargo 4,000 |
| 164<br>Nov. 21    | Aldytha .....   | 10   | St. John, N.B.    | Schooner....  | 231               | Lingan to St. John..                  | Lingan Bay.....                | do ...                 | do .....              | .....       | Total ...              | ship 6,500<br>cargo 480    |
| Sept. 5           | Alta .....      | 3    | Halifax.....      | do .....      | 168               | Montreal to New-<br>foundland.        | Pointe aux Trem-<br>bles.      | do ..                  | Fog.....              | .....       | Partial..              | 2,000                      |
| Dec. 18           | Alpha.....      | 6    | Charlottetown     | Brigantine... | 299               | Liverpool, G.B., to<br>Charlottetown. | Long Point, Causo              | do ...                 | Dragged an-<br>chors. | .....       | Total ...              | 9,000<br>part 1 4,500      |
| Nov. 13           | Arabell .....   | 12   | Windsor .....     | do ...        | 178               | Lingan to St. John,<br>N.B.           | 45° E.S.E. of Hall-<br>fax.    | Strained and<br>leaky. | Gale .....            | .....       | Partial..              | 2,500                      |
| Sept. 26          | Alice Cooper..  | 11   | do .....          | Bark.....     | 863               | Dunkirk to New York                   | Isle of Wight, G.B.            | Grounded ...           | do .....              | .....       | do ...                 | 7,000                      |
| Dec. 24           | Ariel .....     | 3    | St. John.....     | Schooner....  | 90                | St. John to Boston ...                | Dipper Harbor.....             | Stranding ...          | Dragged an-<br>chor.  | .....       | do ...                 | 200                        |
| Sept. 7           | Argo .....      | 14   | Digby .....       | do .....      | 91                | Bear River to Boston                  | Joggins Bridge....             | do ...                 | Submerged<br>pier.    | .....       | Total....              | 1,000<br>part 1 50         |
| do                | Annie .....     | 8    | Maitland .....    | Brigantine... | 203               | Jamaica to Montreal.                  | Atlantic Ocean ...             | Leaking.....           | Gale .....            | .....       | Partial..              | 2,500                      |
| Oct. 14           | Andromeda....   | 1    | Copenhagen...     | Br g.....     | 300               | Quebec to Cork.....                   | Off White Island<br>Reef.      | Collision....          | "Romulus" .....       | .....       | do ..                  | 800                        |

| Dec. 21/Augusta Smith        | 8  | Shelburne ..... | Schooner ..... | 51/Prince Edward Isl'nd/<br>to Boston. | Little Nahant Beach                  | Stranding ...                       | Snow storm.....           | do ...       | 2,000<br>cargo<br>200   |
|------------------------------|----|-----------------|----------------|--|--------------------------------------|-------------------------------------|---------------------------|--------------|-------------------------|
| Oct. -- Annie Troop...       | 18 | St. John.....   | Bark .....     | 510 Limerick to Sydney,<br>C.B.        | Atlantic Ocean....                   | Foundering.                         | Unknown.....              | 11 Total ... | 12,000<br>Ballast.      |
| Dec. 4 Anna Carrier.         | 16 | do .....        | Schooner.....  | 105 New York to St. John               | Nantucket Island..                   | Abandoned..                         | Leaking.....              | Partial...   | 2,500                   |
| Aug. 26 Athlow.....          | 3  | do .....        | Bark .....     | 639 St. John to Dublin...              | Atlantic Ocean.....                  | Damaged....                         | Gale .....                | do ...       | 3 500<br>cargo<br>1,200 |
| Nov. 22 Alpha .....          | 10 | Yarmouth.....   | Steamship...   | 211 Boston to Lockport                 | Lockport .....                       | do ...                              | Struck on<br>sunken wreck | do ...       | 800                     |
| Nov. 13 A. B. Stronach       | 9  | Annapolis ..... | Brigantine...  | 493 New York to Spain..                | Atlantic Ocean....                   | Dismasted,<br>&c.                   | Gales.....                | Total.....   | 6,000                   |
| July -- Aspogon .....        | 7  | Yarmouth....    | Bark .....     | 861 Queque to Queens-<br>ton.          | Cape Horn.....                       | Damaged....                         | Heavy seas....            | Partial..    | 7,000                   |
| Dec. 16 Annie .....          | 8  | Maitland .....  | Brig .....     | 203 Quebec to River<br>Platte.         | Unknown.....                         | Foundering.                         | Gale.....                 | Total....    | 6,000<br>cargo<br>1,500 |
| Aug. 30 Amelia.....          | 20 | Arichat.....    | Schooner.....  | 35 Descousse to L'Ar-<br>doise.        | L'Ardoise Beach...                   | Stranding ...                       | do .....                  | do ...       | 750<br>part<br>700      |
| Nov. 16 Bertha.....          | 9  | Shelburne ..... | Brigantine...  | 140 Boston to Lockport                 | Chebogue Point,<br>N.S.              | Stranding ...                       | Gale .....                | Total....    | 5,000                   |
| Dec. 20 Belle Star .....     | 10 | Digby, N.S..... | do ...         | 353 Bear River to Dem-<br>erara.       | Pickney's Point,<br>N.S.             | do ...                              | Tide.....                 | Partial.     | 1,000<br>cargo<br>1,500 |
| Nov. 5 Belle Walters..       | 15 | St John .....   | do ...         | 399 St. John to Queens-<br>town.       | Off Cape Sable,<br>N.S.              | Leaking....                         | Stress of wea-<br>ther.   | do ...       | 1,000                   |
| do 30 Bessie Gracie.         | 6  | Halifax.....    | do ...         | 190 Halifax to Porto<br>Rico.          | Lat. 38° 18' N.;<br>Long. 66° 45' W. | Dismasted...                        | Squall.....               | do ...       | 3,000<br>cargo<br>500   |
| Oct. 29 Betsy.....           | 14 | Newfoundland    | Schooner....   | 78 St. Johns to Sydney.                | Gabarus .....                        | Stranding ...                       | Gale .....                | Total....    | 800                     |
| Nov. 13 O. W. Ander-<br>son. | 11 | Halifax.....    | Brigantine...  | 97 Halifax to Porto<br>Rico.           | Lat. 40° 44' N.;<br>Long. 60° 31' W. | Foundering.                         | Stress of wea-<br>ther.   | Total....    | 4,500<br>cargo<br>8,000 |
| do 15 Cupid .....            | 12 | do .....        | Bark.....      | 652 Quebec to Buenos<br>Ayres.         | River St. Lawrence                   | Lost anchors<br>and chains          | Gale.....                 | Partial..    | 900                     |
| Dec. 17 Crestline.....       | 2  | St. John.....   | Schooner....   | 117 Quaco to Boston.....               | West Creek, Quaco                    | Lost sails,<br>anchors &<br>chains. | Stress of wea-<br>ther.   | do ...       | 300                     |

SUPPLEMENT to the Statement of Wrecks and Casualties to Sea-going Vessels—Continued.

| Date of Casualty. | Name of Vessel.    | Age. | Port of Registry. | Rig.          | Register Tonnage. | Port sailed from. Port bound to. | Place where Casualty happened.       | Nature of Casualty.  | Cause of Casualty.  | Lives Lost. | Total or Partial Loss. | Amount.           |
|-------------------|--------------------|------|-------------------|---------------|-------------------|----------------------------------|--------------------------------------|----------------------|---------------------|-------------|------------------------|-------------------|
| Aug. 14           | Chas. E. Seammell. | 11   | St. John .....    | Schooner..... | 254               | Santos to New York.              | Near Pensdo, Brazil.                 | Stranding ...        | Stress of weather.  | .....       | Total....              | \$ 12,000         |
| Dec. 16           | Calcutta.....      | 7    | Windsor.....      | Bark.....     | 1269              | Montevideo to Manila.            | Strait of Macassar..                 | do ...               | Unknown reef .....  | .....       | do ...                 | 30,000            |
| do 4              | Carrie Delap..     | 9    | Annapolis .....   | do .....      | 1116              | Troon to Matanzas...             | Troon Harbor.....                    | Collision ....       | Gale.....           | .....       | Partial..              | 250               |
| do 3              | Champion .....     | 9    | St. John.....     | Schooner..... | 114               | Stonington to St. John.          | Outyunk Island, Mass.                | Stranding ...        | Fog .....           | .....       | do ...                 | 1,200             |
| Nov. 9            | Diligentia.. ....  | 27   | Greenock.....     | Bark.....     | 589               | Quebec to Belfast....            | Off River Onelle...                  | Car'ed away hawpipe. | To avoid collision. | .....       | do ...                 | Unknown.          |
| do 19             | Duncan.....        | 13   | Victoria, B.C.    | Sloop.....    | 8                 | Victoria to Ganges Harbor.       | Trial Island Rocks                   | Stranding ...        | Gale .....          | .....       | Total....              | 350 cargo 850     |
| Dec. 31           | Delta .....        | 12   | Yarmouth .....    | Schooner..... | 103               | Cow Bay to Yarmouth.             | Unknown.....                         | Foundering.          | do .....            | 6           | do ...                 | 1,800 cargo 250   |
| Nov. 7            | E. Smith.....      | 17   | Halifax.....      | do ..         | 63                | Halifax to Bermuda.              | Atlantic Ocean....                   | Abandoned..          | Stress of weather.  | .....       | do ...                 | 3,000 cargo 2,000 |
| Dec. 9            | Elie.....          | 11   | Quebec.....       | Brigantine..  | 125               | Quebec to Buenos Ayres.          | 100 miles S.E. of Belle Isle Straits | Strained, &c         | do .....            | .....       | Partial..              | 1,000             |
| do 23             | Eureka.....        | 5    | Weymouth.....     | Schooner..... | 94                | Rockland, Me., to Weymouth.      | Fox Island, U.S....                  | Stranding ...        | Snow squall....     | .....       | do ...                 | 1,000             |
| Oct. 15           | Evergreen.....     | 6    | St. Andrews..     | do ..         | 106               | St. John to Boston...            | Baker's Island.....                  | Capsized ....        | Leaking .....       | .....       | Total....              | 2,000             |
| July 4            | Falmouth .....     | 11   | Eastport, Me...   | Steamer ..... | 849               | St. John to Eastport             | Point Lepreaux....                   | Stranding....        | Fog .....           | .....       | Partial..              | 500               |



| Oct. 18 Florence Christie. | 3 Digby.....        | Schooner.....  | 121 Bear River to Boston N.S.      | Winchester Point, N.S.       | Struck bridge.                   | Tide.....           | do ...     | 4,000 cargo 1,000 |
|----------------------------|---------------------|----------------|------------------------------------|------------------------------|----------------------------------|---------------------|------------|-------------------|
| Dec. 20 F. Townshend       | 1 Parraboro' .....  | do ...         | 161 Hillsboro' to New York.        | Apple River, N.S....         | Listed off and filled            | do .....            | do ...     | 2,000             |
| Sept. 1 Fairmount.....     | 4 Windsor.....      | Bark .....     | 1088 Havre to New York.            | Lat. 47° 36' ; Lon. 22° 57'. | Sails lost and main mast sprung. | Gale .....          | 1 do ...   | 250               |
| Nov. 16 Fleetwing .....    | 6 St. John, N.B.    | Brigantine...  | 187 St. John to New York.          | Off Cape Sable, N.S.         | Strained .....                   | do .....            | do ...     | 900 cargo 300     |
| Sept. ... do .....         | 22 Quebec.....      | Schooner. ...  | 47 Montreal to Fogo, Newfoundland. | English Bay, Anti-cost.      | Stranding ...                    | do .....            | do ...     | 750               |
| Dec. 10 Fawn .....         | 16 St. John .....   | Steamer .....  | 458 Indian Town to Grand Lake.     | St. John River.....          | Sinking .....                    | Negligence .....    | do ...     | 4,000 cargo 250   |
| Nov. 8 Fleetwing .....     | 6 do .....          | Brigantine..   | 187 St. John to New York.          | Atlantic Ocean ....          | Leaking.....                     | Stress of weather.  | do ...     | 900 cargo 300     |
| Aug. ... Fish Hawk ...     | 26 Barrington ..... | Schooner.....  | 49 Bridgewater to Breton.          | Main-à-Dieu .....            | Stranding ...                    | Gale .....          | do ...     | 300               |
| Oct. 30 Florence May..     | 2 Charlottetown     | do ...         | 32 Summerside to Cham.             | Gulf of St. Lawrence.        | Foundering.                      | do .....            | 3 Total... | 1,000             |
| Aug. 31 Gleaner .....      | 5 Guernsey .....    | do ...         | 93 Figueria to Shippegan.          | St. Pierre Bank....          | Collision ....                   | "Augusta" .....     | Partial.   | 650               |
| Nov. 1 Guelph .....        | 10 St. Catherinea.  | do ...         | 232 St. Ann's, C.B., to Montreal.  | Cape Smoke.....              | Foundering.                      | Gale .....          | Total...   | 5,000 cargo 1,000 |
| do ... Gorilla .....       | 6 Quebec .....      | do ...         | 41 Sealing voyage.....             | Fox Bay .....                | Driven ash'e by the ice          | Ice .....           | do ...     | 2,000             |
| Dec. 3 Gazelle .....       | 5 Weymouth.....     | do ...         | 121 Plympton Harbor, N.S.          | In port .....                | Collision ....                   | Gale .....          | Partial..  | 300               |
| Nov. 17 G. H. Halls....    | 14 Halifax.....     | Brigantine..   | 457 Fernandino to Buenos Ayres.    | Buenos Ayres.....            | do .....                         | do .....            | do ...     | 1,400             |
| Dec. 24 Howard Holder      | 11 St. John .....   | Schooner ..... | 93 St. John to Pawtucket.          | Dipper Harbor, N.B.          | Stranding ...                    | Parted chains. .... | do ...     | 230               |
| Nov. 17 Henrietta. ....    | 17 Quebec.....      | do ...         | 55 Bay St. George to Halifax.      | Black Bank .....             | do ...                           | Dragged anchors.    | do ...     | 2,000 cargo 400   |

Supplement to the Statement of Wrecks and Casualties to Sea-going Vessels—Continued.

| Date of Casualty. | Name of Vessel.    | Tons. | Port of Registry.     | Rig.          | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened.   | Nature of Casualty. | Cause of Casualty.     | Lives Lost. | Total or Partial Loss. | Amount.          |
|-------------------|--------------------|-------|-----------------------|---------------|-------------------|------------------------------------|----------------------------------|---------------------|------------------------|-------------|------------------------|------------------|
| Nov. 12           | Hartburn.....      | 1½    | West Hartlepool, G.B. | Steamer.....  | 1245              | Bathmore to Belfast                | Lat. 41° 30' N.; Lon. 61° 25' W. | Damaged.....        | Stress of weather.     | .....       | Partial.               | \$ 2,000         |
| Oct. ...          | Harmony.....       | 9     | Halifax.....          | Schooner....  | 102               | North Sydney to Halifax.           | Red Islands, C.B.                | Stranding...        | Rocks.....             | .....       | Total...               | 1,800            |
| Dec. 4            | J. N. A.....       | 3     | Magdalen Islands.     | Schooner....  | 63                | Port Hastings to Magdalen Islands. | Cape George, N.S.                | do ...              | Gale .....             | .....       | Total ...              | 3,000 cargo      |
| do 3              | J. E. Graham..     | 6     | Windsor, N.S.         | do ...        | 22                | Parrboro' to Port Lawrence.        | Apple River, N.S.                | do ...              | Snow storm.....        | .....       | do ...                 | 500              |
| Nov. 13           | J. L. Cotter...    | 11    | St. John, N.B.        | do ...        | 139               | Lingan, C.B., to St. John, N.B.    | Yarmouth Sound..                 | do ...              | Gale .....             | .....       | Partial..              | 500              |
| Sept. ...         | J. Williams....    | 12    | Windsor.....          | Brigantine... | 338               | New York to Montevideo.            | Two days out.....                | Damaged....         | Stress of weather.     | .....       | do ...                 | 250              |
| Nov. 12           | Jumbo.....         | New   | Lunenburg....         | Schooner....  | 20                | Prince Edward Island to Lunenburg. | 1 mile S. of Cape Jack Light.    | Capsized.....       | Squall.....            | .....       | do ...                 | 100 cargo        |
| do 12             | Jessie Douglas     | 19    | N. Shields, G.B.      | Bark.....     | 812               | Quebec to Greenock.                | Off Brandy Pots...               | Stranding ...       | Gale .....             | .....       | .....                  | Unknown cargo dc |
| Dec. 9            | Jean Pierre. ...   | ..... | Bordeaux.....         | do .....      | 637               | Burrard Inlet to Australia.        | Parry Bay.....                   | do ..               | Fog .....              | .....       | Partial..              | 700              |
| Nov. 12           | King's County      | 12    | Windsor.....          | do .....      | 258               | Philadelphia to Hamburg.           | Bombay Hook, Delaware.           | Collision....       | Error .....            | .....       | do ...                 | 400              |
| Aug. 29           | Louisa Montgomery. | 19    | Charlottetown P.E.I.  | Schooner....  | 27                | Charlottetown to Marble Mountain.  | McRae's Island, Bras d'Or.       | Stranding ...       | Anchor would not hold. | .....       | Total ...              | 400              |

| Nov. 13   | Little Sonlard        | 11 | Yarmouth              | Ship       | 1997 | Quebec to Buenos Ayres.               | Quebec Harbor                   | do                                 | Gale                    | Unknown |                          |
|-----------|-----------------------|----|-----------------------|------------|------|---------------------------------------|---------------------------------|------------------------------------|-------------------------|---------|--------------------------|
| Oct. 29   | Lydia                 | 13 | St. John              | Brigantine | 428  | Boston to Port Gale-<br>donia.        | Gloucester, Mass.               | Loss of spars,<br>&c.              | do                      | Partial | 5,000                    |
| Aug. 27   | Libbie H.             | 8  | Halifax, N.S.         | do         | 361  | Falmouth to Halifax                   | English Channel                 | Collision                          | Steamer                 | do      | 5,000                    |
| .....     | Lord Dufferin.        | 8  | Sydney                | do         | 210  | St. Johns to Barba-<br>does.          | Unknown                         | Foundering                         | Unknown                 | 8 Total | 4,000                    |
| Sept. ... | Lady Hincks           | 12 | London, G.B.          | Bark       | 693  | Liverpool, G.B., to<br>St. John, N.B. | On the voyage                   | Put into St.<br>John dam-<br>aged. | Gale                    | Partial | 261                      |
| Aug. 30   | Mary                  | 14 | Sydney                | Schooner   | 64   | Glace Bay to Halifax                  | Mainadieu, C.B.                 | Stranding                          | Gale                    | Partial | 250<br>cargo<br>50       |
| Oct. 28   | Meta                  | 4  | St. John, N.B.        | do         | 99   | Boston to Hillsboro',<br>N.B.         | Ragged<br>Island,<br>Maine.     | do                                 | do                      | Total   | 5,000                    |
| Nov. 6    | Margaret Ann.         | 3  | Picton                | do         | 53   | Charlottetown to<br>Boston.           | Jeddore Harbor                  | do                                 | Snow storm              | Partial | 500                      |
| do        | Mary Wiggins          | 11 | Windsor               | Bark       | 800  | New York to Havre.                    | 5 miles E. of Cape<br>le Hayre. | do                                 | Fog                     | 1 Total | 20,000<br>c'go<br>30,000 |
| do        | Miramichi             | 20 | Quebec                | Steamer    | 491  | Montreal, in port                     | In port                         | Collision                          | Dredge                  | Partial | 300                      |
| do        | Minnie Louise.        | 3  | Port Hawkes-<br>bury. | Brigantine | 230  | Sydney to St. Johns                   | Lat. 48° N.; Lon.<br>50° 30' W. | Foundering                         | Stress of wea-<br>ther. | Total   | 6,000<br>cargo<br>1,500  |
| do        | Martha Ann<br>Palmer. | 19 | St. John              | Bark       | 300  | Bathurst to Oran                      | On the voyage                   | Condemned                          | Damage from<br>gales.   | Total   | 6,000<br>cargo<br>2,500  |
| June 6    | Natrona               | 1  | do                    | Schooner   | 139  | Sheet Harbor to St.<br>Johns, Nfld.   | St. Shotts, Nfld.               | Stranding                          | Gale                    | Partial | 6,000                    |
| Aug. 28   | Nova Scotia           | 6  | Windsor, N.S.         | Bark       | 1110 | New York to Rotter-<br>dam.           | 150 miles S.E. of<br>Sambro.    | Put back to<br>Halifax.            | Stress of wea-<br>ther. | do      | 9,000                    |
| Oct. 8    | Nuncio                | 5  | Yarmouth              | Ship       | 1252 | Liverpool to New Or-<br>leans.        | Burbo Bank                      | Stranding                          | Gale                    | Total   | 37,000                   |
| Sept. 4   | Oswingo               | 14 | St. Andrews           | Bark       | 671  | Newcastle, N.S.W.,<br>to Wilmington.  | Pacific Ocean                   | Foundering                         | Leak                    | Total   | 13,000<br>cargo<br>4,000 |
| Nov. 13   | Olivia                | 33 | Quebec                | do         | 778  | Quebec to London                      | Cacouna Island                  | Stranding                          | Parted chains           | do      | 6,000<br>cargo<br>6,000  |

SUPPLEMENT to the Statement of Wrecks and Casualties to Sea-going Vessels—Concluded.

| Date of Casualty. | Name of Vessel.   | Age. | Port of Registry.   | Rig.          | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened.   | Nature of Casualty.   | Cause of Casualty. | Lives Lost. | Total or Partial Loss. | Amount.            |
|-------------------|-------------------|------|---------------------|---------------|-------------------|------------------------------------|----------------------------------|-----------------------|--------------------|-------------|------------------------|--------------------|
| Nov. 27           | Orange Grove.     | 5    | Shelburne .....     | Schooner .... | 82                | Charlottetown to New York.         | Wood End, U.S. ....              | Stranding ...         | Gale .....         | .....       | Partial.               | \$ 700 cargo 600   |
| Dec. 12           | Prussian General. | 14   | St. John .....      | do .....      | 1577              | St. John to Salmon River.          | Quaco, N.B. ....                 | Damaged ...           | do .....           | .....       | do ..                  | 400                |
| Aug. 21           | Rapid .....       | 7    | do .....            | Brigantine .. | 325               | St. John to Port Seal Island.      | Seal Island, N.S. ....           | Stranding ...         | Fog .....          | .....       | do ..                  | 2,500 cargo 700    |
| Dec. 3            | Regina .....      | 10   | Yarmouth .....      | Ship .....    | 1212              | Philadelphia to London.            | 38° 41' N. Lat., 52° 8' W. Long. | Foundering.           | Gale .....         | 11          | Total ...              | 30,000 c'go 40,000 |
| Nov. 12           | Resource .....    | 16   | Norway .....        | Bark .....    | 652               | Quebec to London ...               | Cacouna, St. Lawrence.           | Collision ...         | Dragged anchors.   | .....       | Partial.               | 360                |
| Oct. 14           | Romilus .....     | 1    | do .....            | do .....      | 668               | Cardiff to Quebec ...              | Off White Island Reef.           | do ...                | "Andromedo"        | .....       | do ..                  | 50                 |
| Nov. 13           | Riberia .....     | 10   | St. John .....      | Brigantine .. | 299               | Tucks Island to New York.          | On the voyage and at Nassau.     | Leaking and stranding | Stress of weather. | .....       | do ..                  | 3,000              |
| Dec. 5            | Revello .....     | 8    | Annapolis .....     | Bark .....    | 937               | Samarany to Lisbon.                | Oheribou Reef, Java.             | Damaged ...           | Hurricane .....    | .....       | do ..                  | 16,100             |
| Sept. 16          | Royal .....       | 19   | Quebec .....        | Tug .....     | 71                | Montreal to Quebec.                | Point Plateau .....              | Stranding ...         | Error .....        | .....       | Total ...              | 2,000              |
| Oct. 14           | Stella R .....    | 8    | St. John, N.B. .... | Schooner .... | 72                | Harvey to St. John.                | Grindstone Island.               | Stranding ...         | Reef .....         | .....       | Partial.               | 50 cargo 100       |
| Dec. 10           | Spring Bird ...   | 13   | St. John .....      | do .....      | 92                | St. John to Lynn, Mass.            | Man Island Ledge, Me.            | do ...                | Error .....        | .....       | do ...                 | 1,000              |
| Nov. 28           | Scott's Bay ..... | 8    | Windsor, N.S. ....  | Bark .....    | 992               | Antwerp to Aspinwall.              | River Scheidt .....              | do ...                | Fog .....          | .....       | do ...                 | 6,000              |

| Dec. 25   | St. John      | 18 | St. John, N.B.  | Steamer    | 32  | St. John Harbor                        | In port                 | Fire          | Unknown           | do      | 2,300                   |
|-----------|---------------|----|-----------------|------------|-----|--|-------------------------|---------------|-------------------|---------|-------------------------|
| Nov. 1    | Sokoto        | 8  | Yarmouth        | Bark       | 958 | Singapore to Boston                    | Banker Straits          | Collision     | "Britannia"       | do      | 4,000                   |
| Mar. 26   | St. Joseph    | 10 | Quebec          | Tug        | 6   | Lake St. Joseph                        | Lake St. Joseph         | Fire          | Unknown           | Total   | 3,500                   |
| Dec. 4    | Safeguide     | 22 | Halifax         | Schooner   | 28  | Halifax to Shoal Bay                   | Shoal Bay               | do            | do                | do      | 400                     |
| Oct. 15   | Traveller     | 11 | Norway          | Bark       | 814 | Quebec Harbor                          | Downing's Booms         | Burning       | Stove             | Partial | 1,000                   |
| Dec. 29   | Truro         | 10 | Halifax, N.S.   | do         | 895 | Rotterdam to New York                  | Lat. 41° N, Lon. 56° W. | Dismasted     | Stress of weather | do      | 1,500                   |
| Nov. 12   | Victor        | 33 | Norway          | do         | 562 | Quebec to Belfast, Ireland.            | Off Cacouna             | Collision     | "Resource"        | do      | 480                     |
| Dec. 29   | Viola         | 11 | St. Johns, Nfld | Barkentine | 182 | Masico to Halifax                      | Lat. 38° W, Lon 65° W.  | Loss of spars | Gale              | do      | 2,000<br>cargo<br>2,200 |
| June 19   | Victor        | 1  | St. John, N.B.  | Steamer    | 8   | In St. John's Harbor                   | In port                 | Collision     | "General"         | Total   | 3,000                   |
| Dec. 6    | Wideawake     | 1  | do              | Schooner   | 119 | Bridgewater, N.S., to Providence, R.I. | Near Whitehead, Me.     | Stranding     | Hazy & errors     | do      | 7,000<br>cargo<br>800   |
| Nov. .... | William Hayes | 9  | Halifax         | do         | 160 | St. Johns to Sydney, C.B.              | Unknown                 | Missing       | Unknown           | 7       | 5,000                   |
| Oct. 31   | Walrus        | 20 | Parrsboro'      | do         | 59  | Harvey, N.B., to St. John.             | Roshea Bay              | Stranding     | Gale              | do      | 400<br>cargo<br>100     |

APPENDIX No. 7.

SUPPLEMENT to the Statement of Wrecks and Casualties reported as having occurred on the Inland Waters of Canada, during the Calendar Year of 1883.

| Date of Casualty. | Name of Vessel.  | Age. | Port of Registry. | Rig.          | Register Tonnage. | Port sailed from. — Port bound to. | Place where Casualty happened. | Nature of Casualty.   | Cause of Casualty. | Lives Lost. | Total or Partial Loss. | Amount.           |
|-------------------|------------------|------|-------------------|---------------|-------------------|------------------------------------|--------------------------------|-----------------------|--------------------|-------------|------------------------|-------------------|
| 1883.             |                  |      |                   |               |                   |                                    |                                |                       |                    |             |                        |                   |
| Nov. 20           | China .....      | 20   | Hamilton.....     | Schooner....  | 314               | Sarnia to Penetangishene.          | Cape Hurd, Lake Huron.         | Stranding ...         | Snow storm....     | .....       | Total ...              | \$ 6,600          |
| do                | Eclipse .....    | 5    | Sarnia.....       | Steamer ..... | 49                | Algoma Mills to Sarnia.            | Lake Huron.....                | Foundering.           | Gale .....         | 5           | do ...                 | 7,000             |
| Feb. 2            | Flora Barnes..   | 3    | Hamilton .....    | do .....      | 17                | .....                              | Bracebridge .....              | Burning .....         | Incendiary.....    | .....       | do ...                 | 4,000             |
| July 18           | Garibaldi .....  | 20   | do .....          | do .....      | 166               | Echo Lake to Point Edward.         | Sister Rocks, Lake Huron.      | Stranding ...         | Gale .....         | .....       | .....                  | .....             |
| Nov. 10           | Milwaukee.....   | 11   | Montreal.....     | Barge .....   | 352               | Charlotte to Kings-ton.            | Real Ducks Islands             | Foundering.           | do .....           | 7           | Total ...              | 7,000 cargo 2,000 |
| do                | Norman .....     | 11   | Kingston.....     | Steamer.....  | 96                | Kingston to Picton..               | Pringer Cove, Bay of Quinté.   | Burned.....           | Unknown.....       | .....       | do ...                 | 5,000             |
| do                | Onsida.. ..      | 15   | do .....          | do .....      | 320               | Kingston to Montreal               | Lachine Canal.....             | Damaged ...           | Ice.....           | .....       | Partial..              | 200 cargo 7,000   |
| July 12           | Princess Louise. | 4    | Port Stanley...   | do .....      | 39                | In port, London, Ont               | In port.....                   | Carried over the dam. | Freshet.....       | .....       | Total ...              | 5,000             |
| May 17            | Prince Edward    | 17   | Quebec .....      | do .....      | 111               | Quebec to Point Lévis.             | At wharf.....                  | Burned .....          | Unknown.....       | .....       | Partial..              | 30,000            |

## APPENDIX No. 8

REPORT OF THE HARBOUR COMMISSIONERS OF MONTREAL FOR THE  
CALENDAR YEAR ENDED 31st DECEMBER, 1884.

SECRETARY'S OFFICE,

MONTREAL, 31st January, 1885.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, to forward herewith, for the information of the Honourable the Minister of Marine, statements of the receipts and disbursements of the Trust for the year ended 31st December, 1884.

The receipts from all sources were as follows, viz. :—

|   | \$ cts.    | \$ cts.     |
|---|------------|-------------|
| FROM COLLECTOR OF CUSTOMS, MONTREAL.                    |            |             |
| Wharfage on goods—inwards.....                          | 94,900 69  |             |
| do outwards.....  | 52,079 75  |             |
| Tonnage dues on steamships.....                         | 40,412 52  |             |
| do sailing vessels.....                                 | 5,869 26   |             |
|   |            | 193,262 22. |
| LOCAL TRAFFIC.  |            |             |
| Wharfage on goods—inwards.....                          | 5,032 90   |             |
| do outwards.....  | 1,058 36   |             |
| Harbor dues on barges.....                              | 8,701 19   |             |
| do steamers.....  | 1,868 50   |             |
| Commutation on steamers.....                            | 12,962 00  |             |
| Received for piling lumber on wharves.....              | 1,880 00   |             |
| do coal do.....   | 1,864 28   |             |
| do firewood do.....                                     | 440 26     |             |
| do phosphates do.....                                   | 102 98     |             |
| Received rent of small offices.....                     | 718 50     |             |
| do do scales.....                                       | 800 00     |             |
| do for penalties.....                                   | 24 50      |             |
| do for cars transferred by steamer "South-Eastern"..... | 1,870 50   |             |
|   |            | 37,373 97   |
| Ordinary revenue.....                                   |            | 230,636 19  |
| From Dominion Government.                               |            |             |
| Received on account new channel works.....              | 100,000 00 |             |
| do do maintenance of buoys and beacons.....             | 7,000 00   |             |
|   |            | 107,000 00  |
| do rent of offices in building.....                     |            | 2,000 00    |
| do Canadian Pacific Railway, rent of track.....         |            | 2,875 04    |
| do 2nd instalment on old building sold.....             | 3,600 00   |             |
| do one year's interest on sale of above.....            | 864 00     |             |
|   |            | 4,464 00    |
| do harbor debentures, series B, sold.....               | 93,000 00  |             |
| do do do C do.....                                      | 132,000 00 |             |
|   |            | 225,000 00  |
| do interest on bank accounts, &c.....                   |            | 2,837 19    |
| Received from Steam Crane Co., rent of track.....       |            | 100 00      |
| Sundry amounts received for credit, as under :—         |            |             |
| Harbour dredging—plant.....                             | 6,000 00   |             |
| New channel operations.....                             | 208 57     |             |
| Harbour dredging.....                                   | 1,137 00   |             |
| do repairs.....   | 15 50      |             |
| Lighting wharves—coal oil.....                          | 2 00       |             |
|   |            | 7,363 07    |
| Total receipts.....                                     |            | 582,275 49  |

## EXPENDITURE.

| The expenditure was as follows:—   | \$      | cts. | \$      | cts. |
|--|---------|------|---------|------|
| Harbour survey.....  |         |      | 143     | 90   |
| Travelling and incidental expenses.....                                  |         |      | 212     | 70   |
| Legal and notarial expenses.....   |         |      | 130     | 50   |
| Dominion Government—interest.....  |         |      | 74,575  | 34   |
| Harbour railway.....   |         |      | 500     | 46   |
| St. Lambert channels—Government survey.....                              |         |      | 93      | 95   |
| Lighting wharves—electric light.....                                     | 1,957   | 20   |         |      |
| do coal oil.....   | 622     | 27   |         |      |
|  |         |      | 2,579   | 47   |
| Printing, advertising and stationery.....                                |         |      | 2,970   | 88   |
| Latrines.....  |         |      | 264     | 10   |
| R. H. Buchanan & Co., account steam pump.....                            |         |      | 647     | 60   |
| Mrs. John Young, paid annuity.....                                       |         |      | 600     | 00   |
| Wharfages returned.....  |         |      | 328     | 97   |
| Hire of bateau, placed on wreck of SS. "Ottawa".....                     |         |      | 456     | 00   |
| Refund of half tonnage dues, SS. "Ounholme," detained in quarantine..... |         | 245  | 28      |      |
| do do SS. "Mississippi".....   |         | 157  | 55      |      |
|  |         |      | 402     | 33   |
| New channel operations.....  |         |      | 176,832 | 91   |
| Accounts written off—wharfages, &c.....                                  |         |      | 174     | 88   |
| Harbour dredging.....  |         |      | 61,850  | 35   |
| do expenses and management.....  |         |      | 28,574  | 74   |
| Interest on harbour debt.....  |         |      | 114,842 | 50   |
| Harbour repairs.....   |         |      | 44,868  | 96   |
| Buoys and beacons.....   |         |      | 8,198   | 78   |
| Harbour debentures, series DD paid.....                                  | 100,000 | 00   |         |      |
| do do EE do.....   | 41,000  | 00   |         |      |
|  |         |      | 141,000 | 00   |
| Total expenditure.....   |         |      | 660,249 | 82   |

The revenue statement, as compared with the previous year, shows a net decrease of \$17,177, viz.: in the sea-going traffic, \$14,167.64, and in the local, \$3,009.36, or, say under 7 per cent.

In looking at this falling off in the receipts, it must be borne in mind that the harbour dues on grain were reduced, for a period of three months, from 7½ cents per ton to the merely nominal rate of 1 cent per ton.

A copy of the Chief Engineer's report on the works, &c., within the harbour, is now in course of preparation, and will be forwarded you in a few days.

Copies of the following reports have already been transmitted to you, viz.:—The Harbour Master's, with comparative statements of the trade of the port, &c.; the Superintendent of Pilots', with reference to the placing, maintaining, &c., of the buoys and beacons in the River St. Lawrence; and the Secretary's, giving particulars as to matters concerning this pilotage district.

The ocean tonnage for the year, as shown by the Harbour Master's report, was 649,374 tons, as against 664,263 tons for 1883, or 2½ per cent. less. The inland tonnage amounted to 726,015 tons.

Operations for deepening the ship channel between Montreal and Quebec, to 27½ feet at low water, have been carried on satisfactorily during the season, and a report on the same for the past fiscal year has, as heretofore, been sent the Department of Public Works.

I have the honour to be, Sir,

Your most obedient servant,

H. D. WHITNEY,

Secretary.

WM. SMITH, Esq.,  
Deputy Minister of Marine,  
Ottawa.



## PORT OF MONTREAL.

COMPARATIVE Statement showing the number and tonnage of Inland Vessels that arrived in port the past ten years, with the greatest number in port at one time.

| Years.    | No. of Vessels. | Tonnage.  | Greatest Number in Port at one time. |          |
|-----------|-----------------|-----------|--------------------------------------|----------|
|           |                 |           |                                      |          |
| 1875..... | 6,178           | 811,410   | 256                                  | Aug. 4   |
| 1876..... | 6,083           | 786,083   | 262                                  | Nov. 9   |
| 1877..... | 6,333           | 847,978   | 258                                  | Oct. 3   |
| 1878..... | 5,502           | 764,243   | 261                                  | do 15    |
| 1879..... | 5,698           | 817,243   | 227                                  | Nov. 6   |
| 1880..... | 6,489           | 1,044,380 | 253                                  | July 7   |
| 1881..... | 6,030           | 949,380   | 191                                  | Nov. 4   |
| 1882..... | 5,947           | 848,780   | 190                                  | Sept. 29 |
| 1883..... | 5,477           | 764,721   | 174                                  | do 5     |
| 1884..... | 4,808           | 726,015   | 161                                  | July 9   |

## APPENDIX No. 9.

## REPORT OF THE QUEBEC HARBOUR COMMISSIONERS FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

QUEBEC, 9th January, 1885.

SIR,—In compliance with the provisions of section 14 of the 38th Victoria, chapter 55, I have the honor to report as follows on the doings of the Quebec Harbour Commissioners for the year 1884:—

*Chief Engineer to the Graving Dock appointed Chief Engineer to the Harbour Works.*

In order to simplify the duties of the Engineer in Charge, Mr. John E. Boyd, it was deemed advisable to place the harbour works under the control, as Chief Engineer, of Mr. Henry F. Perley, Chief Engineer of the Department of Public Works of Canada, and that gentleman, with the permission of the Honorable the Minister of Public Works, consented to undertake the duties in connection therewith, in addition to those of the graving dock which, you are aware, he assumed during the summer of 1883.

## CHIEF ENGINEER'S REPORT.

The enclosed report from the Chief Engineer, Mr. Henry F. Perley, on both the harbour and graving dock works, gives a full and most interesting detail of the progress of the work during the year.

*Further shortening of the Graving Dock and Supplementary Contract for its completion.*

A few weeks after the works of the graving dock were resumed, at the opening of the season, the Chief Engineer, Mr. Perley, addressed to the Commissioners a report, in which, after alluding to his previous communication, he expresses himself as follows:—

“I have now to report that on Wednesday and Thursday, the 14th and 15th inst., attempts were made to pump out the area enclosed by the works and dam, as per contract, and the auxilliary dam, which resulted in a failure in the concrete flooring at points where it joined the rock, to withstand a pressure due to a head of 15½ feet, and I had to direct the pumping to cease, as the pump in position was not sufficient to pump against any greater head, nor was it desirable to continue, because, with the influx of water, quantities of sand and pure gravel were brought in, evidently from under the concrete flooring, the tendency of which was to weaken, if not to destroy, the purpose for which it has been put in.

“The area enclosed was, however, pumped dry enough to enable me to locate the position of the blow holes, and to determine the volume of water they permitted to enter. I was also able to see the bottom, the state it is in, and the position of the rock.

“In the report alluded to herein, I stated the reasons why it was desirable to shift the entrance works 30 feet inwards, so that they might have a bearing on the rock. The examination made last week showed that shifting them, this would not place them on the rock, and that the blow holes, which will have to be stopped or enclosed, are directly under the flashing culvert leading to the caisson chamber, and under the north wall of the chamber itself, and that the solid rock lies to a greater distance inwards.

"I have previously stated that the dock, as originally designed, was 549 feet in length between the face of the caisson and the circular head, and that by shifting the entrance works 30 feet inwards the length would be reduced to 519 feet, a length long enough to accommodate any vessel which can pass over the Dock Sill; and I instanced the 'Circassian,' which is 465 feet in length, as being the longest steamer frequenting the port.

"To insure the efficiency and future usefulness of the dock, and to place the entrance works on the solid rock, it will be necessary to shift them inwards a further distance of 25 feet, thus reducing the length of the dock to 495 feet, which would be still long enough to accommodate the 'Circassian.'

"In view of the great benefits which will arise by shifting the entrance works a further distance of 25 feet inwards, and the completion of the dock this year, I have to state that I have, after mature consideration, decided upon making the change in question, and I now submit my action for the approval of the Board.

"In connection with this matter, I would state that if, at a future date, it be found that the dock is too short to accommodate the class of vessels then frequenting the port, it can be easily and cheaply lengthened, by extending it from the southern end."

In the mean time, the engineer transmitted, for the consideration of the Commissioners, a copy of a correspondence that had taken place between himself and the contractors for the graving dock, Messrs. Larkin, Connolly & Co., on the subject of an offer by the latter for the completion of the dock this year, such offer to be a bulk sum, which would include all moneys paid to date on account of the dock, for the execution of all works that were or would be required for its completion, it being understood that all the works were to be built according to the plan and specification, except that the concrete backing of the caisson chamber walls would be increased 50 per cent. in thickness, and that the foundations of the chimney, pumping engines and boilers shall be of rubble masonry, founded on rock. The offer to be based on the assumption that the caisson chamber will be moved 25 feet to the southern end of the then present site; that the discharging culvert be increased that distance in length; that the flushing culvert on the east side be of the length shown on the drawings; and that the cost of all the works, in the shape of coffer dams, the maintenance of the then present auxiliary dam, pumping, dredging outside of the dam, thus clearing the entrance to the dock, and the clearing up the site of the works, &c.

All these recommendations were accepted by the Commissioners, subject to the approval of the Minister of Public Works. Subsequently they were sanctioned by an Order in Council.

The contractors, by their supplementary contract, have undertaken to complete the dock, as above stipulated, for the sum of \$64,080, and for a further sum of \$10,000 to erect the caisson.

The contractors have failed to complete the dock in accordance with their supplementary contract. They have been protested, and have answered to the protest that their failure in completing the work was due to grave defects in the auxiliary dam, which had been designed by and constructed under the supervision of the Commission's late engineers, and for other reasons which they could not control.

Mr. Perley, in his report accompanying the present, alludes to this failure, and declares that "it is due to the contractors to state that they made every exertion in their power to bring the work to completion this year, &c."

*Messrs. Peters, Moore & Wright's claim in final settlement of their Contract for the Harbour Improvements.*

In the report for 1883, alluding to the arbitration which had taken place in connection with Messrs. Peters, Moore & Wright's claim for a final settlement of their contract, it is stated that the Commissioners had decided not to recognize as valid the award of the Dominion Arbitrators, and that, on being informed of the decision, the contractors, instead of suing the Commissioners for the recovery of the

Arbitrators' award, had instituted an action for the sum of three hundred and fifty-two thousand four hundred and thirty-seven dollars and twenty cents (\$352,437.20) representing their new claim in settlement of their contract.

In April a communication was received from Messrs. Peters, Moore & Wright, praying the Commissioners to consent to transfer their case from the courts to a board of arbitration, to be chosen as follows: one by the Commissioners, one by them, and these two to select a third, and their decision to be final and binding on both parties.

The commissioners, after having given the most due Consideration to this communication, replied that, in their desire of avoiding litigation they would be willing to pay the amount awarded by Messrs. Kinipple & Morris, with interest at 6 per cent. from the date of such award, the payments made since to be, of course, deducted. This offer was made in order to meet, if possible, the wish of the contractors for an amicable settlement, and was without waiving the Commissioners' defence as pleaded to the writ.

A judgment has been recently rendered by the Superior Court rejecting with cost the *réponse spéciale* of the plaintiffs to the various *réponses en loi* of the defendants, which have been maintained.

By this judgment the contractors were compelled to procure the engineer's final certificates under the clauses 55, 56 and 57 of the specification attached to their contract. They, therefore, through their attorney, addressed, on the 18th November, a letter, praying the Commissioners to take the necessary means to obtain them the certificate in question.

To this letter the Commissioners have replied that they did not recognize any obligation incumbent on them to obtain the certificate required, reminding them, in the mean time, that on the occasion of Mr. Morris' visit to Quebec, in July, 1882, they had declined an offer from that gentleman to grant them such certificate.

In the same communication Messrs. Peters, Moore & Wright's attorney was informed that nevertheless the Commissioners were quite ready to aid his clients with a letter to Messrs. Kinipple & Morris, asking these gentlemen to furnish the desired certificate on hearing that such letter will meet his clients' wishes.

No answer having been sent to this last communication, the question is therefore still pending.

#### *Erection of a Building on the Louise Embankment.*

The contractors have been allowed to erect a large brick building on the Louise Embankment, in conformity with a plan and specification approved by the Commissioners. It has been built on a site chosen by the Engineer in Charge.

In case, at the expiration of their contract, an arrangement could not be agreed upon for the transfer of the building to the Commissioners at a valuation, the contractors have a right to retain it, by paying for the ground used an annual rent not exceeding the yearly amount which will be charged to other parties who will occupy similar ground, exclusive of all right of mooring crafts in front of the embankment, and of landing and loading goods of any description whatever.

The building, which is very substantial and covered with tin, is now used by the contractors as workshops and storehouse. It is large enough to be used as a railway station and depot.

#### *Proposed laying of a Railway Track on the Louise Embankment.*

The levelling of the sand, which is now in full progress, will permit the laying of one or two railway tracks, early next spring, on the Louise Embankment. The Commissioners have decided that no railway company whatever will be allowed to run on the embankment, except on the tracks laid by the Commission's engineers. All the railway companies, on their application, will be granted the permission of running by paying a uniform tariff which will be established to that effect.

*An Illustrated Description of the Harbour Works.*

"Le Génie Civil," an important review, published in Paris, in its Nos. 20 and 21, of 1884, contains a most remarkable and interesting description of the harbour works, illustrated with drawings. It is due to the pen of Mr. C. E. Gauvin, Civil Engineer, who is attached to the Crown Lands Department of this city. Mr. Gauvin cannot be too much praised for this work of his, which indicates that he is thoroughly acquainted with all the details of our harbour improvements. Mr. Gauvin, having done this work on his own accord, and without any remuneration, is entitled to the thanks of the Commissioners for the services he has rendered in thus placing before the public abroad, and especially before those interested in the shipping, the advantages which will be offered to vessels of all descriptions when those improvements will be completed.

*Lifting Barge.*

The lifting barge, which had been transferred to the Public Works Department after she had completed the removal of the nests of anchors and chains, and other obstructions in the harbour, was, by the kind permission of the Minister of the Department, placed at the disposal of the Commissioners, for the purpose of removing obstructions which has been discovered opposite the Upper Block of Indian Cove, and also for the purpose of resuming the removal of boulders inside the Fly Bank.

The master of the lifting barge, Captain Giguère, has reported that he has raised 11 boulders, measuring 10.63 cubic yards, at Indian Cove, and 279, measuring 191.02 cubic yards, inside the Fly Bank.

The removal of the boulders inside the Fly Bank, which was commenced in 1879, discontinued in 1881 and resumed this year, is not entirely completed, and according to Captain Giguère's report it will take another week to finish the work. It is the intention of the Commissioners to request the Minister of Public Works to further allow them the use of the barge for a week or two, previous to the resumption of her operations next season, in order to complete the so-long-needed improvement of freeing this channel of its boulders, which have always been a source of great inconvenience to the navigation.

The removal of those boulders will greatly facilitate the movement of vessels reaching the inside of that bank through this channel.

The number of boulders previously removed from that channel, amounting to 610, added to the 279 raised this year, gives a total of 889 boulders, representing an aggregate weight of at least 2,050 tons.

This channel has been buoyed for the first time this year, and will continue to be buoyed every season.

*By-Law.*

Verbal complaints having been frequently made that there exist no regulations concerning the anchoring and mooring of vessels in the channel of the River Saguenay, the Harbour Master was, on the 25th June, directed to proceed to that river, in order to examine the anchorage for vessels all along its navigable places, with the view of reporting on the advisability of enacting regulations concerning same.

The Harbour Master reported that he had made the examination required, and had established the necessity of regulating the anchoring and mooring of vessels frequenting the River Saguenay between Pointe des Roches and Government wharf, in the town of Chicoutimi.

A by-law was therefore prepared and published, in conformity with the law, and no opposition to same having been lodged it was duly passed by the Commissioners and submitted to the sanction of His Excellency the Governor General in Council. The required sanction having been obtained the by-law was immediately put in force. Its usefulness has already been demonstrated by three months' application, and during this period not a single complaint has been uttered.

*Surveys.*

By direction of the Commissioners a survey has been made, during the winter, of the foreshore at Lévis, from Begin's Hill to the eastern side of Glenburnie Cove, a distance of 3,960 feet.

The object of this survey has been to establish the cost of improving that part of the harbour, with the view of utilizing it for the dumping of the dredged materials from the Louise Basin, and also for the discharge of ballast from ships, which is now thrown into the ballast ground.

A similar survey has been ordered and made of Beauport Flats, East Dorchester Bridge, for a length of about 1,000 feet, and of Palais Harbour as far as Dorchester Bridge.

The object of this last survey is to establish the cost of building cribworks, which could be utilized as a place of deposit for the surplus spoil dredged in the Louise Basin.

The engineer's report, with plan on the first survey, is in the hands of the Commissioners. The other is expected daily. They will be both taken into consideration as soon as the latter will have been laid before them.

*Building Destroyed by Fire.*

The brick building on Pointe-à-Carey wharf was, on the 20th October, between 9 and 10 o'clock p.m., destroyed by fire. It was insured for five hundred dollars (\$500) at the National Assurance Company of Ireland, represented here by Owen Murphy, Esq. The amount of insurance has been promptly settled.

This building, which formed part of the property leased to the North Shore Railway Company, has being re-built and will be, in a few days, returned to the company.

*Repairs to Property.*

The long contemplated repairs to Atkinson's wharf have been put into effect this year. The works, commenced on the 19th March, were completed early in July, and the wharf was handed over to the tenant on the 9th of that month. Its coping level has been raised 4 feet, in order to avoid the great flood, which, of late, have happened almost twice a year, and which have caused considerable damage to all the wharves.

During its repairs nine hundred (900) tons of stone ballast, four hundred (400) tons of rubbish, taken from ballast ships, and sixty-six (66) boulders were dumped into the wharf. It will require a few hundred tons more of ballast to complete its filling.

This property is now in the best condition.

The expenditure connected with the repairs of this wharf has been so extensive and of so permanent a character that it has been decided to distribute the amount—\$6,287.32—over five years, including the present.

The whole length of the south face of Pointe-à-Carey wharf has been lined with spruce deals. This work has been done for the purpose of protecting its ballast.

One thousand and seventy tons (1,070) of stone ballast have been dumped into that wharf during the season. Its ballasting is progressing steadily, although not as rapidly as the Commissioners would desire, on account of the difficulty of procuring the filling material.

One large shed, covered with sheet iron has been erected, on Raynar's wharf. It has been built at the request of the tenant of the wharf, for the purpose of storing hard coal, he, the tenant, having agreed to pay 10 per cent. on its cost. Three dumping holes for the discharge of the coal had been made at the front of the second story facing the street, which have since proved useless, on account of a city by-law prohibiting impediments of any kind whatever on sidewalks. The tenant has been brought before the Recorder's Court; he has proved that the complaint lodged against him for the use of those dumping holes was of little or no importance, inasmuch as

greater impediments of all sorts are daily allowed on other sidewalks of the city. Notwithstanding his plea, the court has interdicted the use of the holes in question, on the ground only that a complaint had been lodged.

In consequence of this decision the tenant is refusing to pay the 10 per cent. agreed upon. It will therefore be necessary either to allow him a reduction on his agreement or to restore the building to its intended purpose, by moving it inwards.

Store No. 6 has been tarred; store No. 8 and half of store No. 11 have been painted during the summer.

The other stores and wharves under the control of the Commission have, as usual, been inspected and kept in the best state of repair.

#### COASTING TRADE.

The following statement conveys the detail of the coasting trade of the harbour for the season of navigation :—

|                           |        |
|---------------------------|--------|
| Cargoes by schooners..... | 1,345  |
| do bateaux.....           | 1,096  |
| do barges.....            | 227    |
| do steamboats.....        | 267    |
| Passengers .....          | 80,063 |

The aggregate tonnage of the crafts engaged in the coasting trade during the season is represented by 430,740 tons, served by crews numbering 16,848 men.

The accompanying annexures contain all the information yearly furnished to your Department, also a complete statement of the Commissioners' accounts for the year.

#### REVENUE.

The following is a comparative statement of the revenue of the Commission for the two last years :—

|                                | 1883.     | 1884.     | Difference in 1884. |           |
|--------------------------------|-----------|-----------|---------------------|-----------|
|                                | \$ cts.   | \$ cts.   | \$ cts.             |           |
| Tonnage dues.....              | 26,008 34 | 18,811 80 | 7,196 54            | Decrease. |
| Import do.....                 | 3,919 86  | 3,452 23  | 467 63              | do        |
| Export do.....                 | 8,872 34  | 6,447 10  | 2,425 24            | do        |
| Harbour do.....                | 2,932 62  | 2,739 19  | 194 43              | do        |
| Property receipts.....         | 21,677 93 | 19,943 95 | 1,733 98            | do        |
| Interest.....                  | 1,144 55  | 975 17    | 169 38              | do        |
| Beach and deep water lots..... | 1,977 37  | 2,362 96  | 385 59              | do        |
| Sundries.....                  | 61 81     | 37 45     | 24 36               | do        |
|                                | 66,594 82 | 54,768 85 | 11,825 97           | do        |

I have the honour to be, Sir,

Your most obedient servant,

A. H. VERRÉT,

*Secretary-Treasurer.*

To the Honourable A. W. McLELAN, Minister of Marine and Fisheries, Ottawa.

REVENUE AND EXPENDITURE.

| 1884.                               | 1884.      | 1884.  | 1884.      | 1884.      | 1884.      | 1884.      |
|-------------------------------------|------------|--|------------|------------|------------|------------|
| Dec. 31...                          | Dec. 31... | Dec. 31...   | Dec. 31... | Dec. 31... | Dec. 31... | Dec. 31... |
| \$ cts.                             | \$ cts.    | \$ cts.  | \$ cts.    | \$ cts.    | \$ cts.    | \$ cts.    |
| To Tonnage dues.....                | 18,811 80  | By Officers' salaries.....   | 5,650 00   |            |            |            |
| Export do.....                      | 6,447 10   | Reporters' do.....   | 775 00     |            |            |            |
| Import do.....                      | 3,452 23   | Commissioners' attendance.....   | 1,745 00   |            |            |            |
| Harbour do.....                     | 2,738 19   | Auditors for 1883.....   | 200 00     |            |            |            |
| Breakwater "receipts".....          | 3,657 63   | Point-a-Carcy Wharf "expenses".....                                    | 574 92     |            |            |            |
| Point-a-Carcy Wharf "receipts"..... | 6,999 50   | do do.....   | 1,524 26   |            |            |            |
| East India do.....                  | 2,433 33   | do do.....   | 509 02     |            |            |            |
| Grand Trunk do.....                 | 2,000 00   | do do.....   | 166 00     |            |            |            |
| Wellington do.....                  | 1,973 34   | do do.....   | 358 81     |            |            |            |
| Atkinson's do.....                  | 1,897 65   | do do.....   | 1,471 67   |            |            |            |
| Reynar's do.....                    | 982 50     | Legal expenses.....  | 768 42     |            |            |            |
| Interest.....                       | 975 17     | Hardware for general use.....  | 395 85     |            |            |            |
| Beach and deep water lots.....      | 2,362 96   | Printing Commissioners' report.....                                    | 248 32     |            |            |            |
| Sundries.....                       | 37 45      | Removing ice.....  | 304 38     |            |            |            |
|                                     |            | Harbour Master's service.....  | 178 69     |            |            |            |
|                                     |            | Advertising, stationery, office cleaning and sundries.....             | 254 50     |            |            |            |
|                                     |            | One year's interest and sinking fund on \$723,000 Harbour debentures.. | 2,056 99   |            |            |            |
|                                     |            | Profit and loss.....   | 36,150 00  |            |            |            |
|                                     |            |  | 1,387 02   |            |            |            |
|                                     |            |  | 54,768 85  |            |            | 54,768 85  |

JAMES WOODS,  
Book keeper.

A. H. VERRET,  
Secretary-Treasurer.



CR.

BALANCE SHEET at 31st December, 1884.

| 1884.   | \$      | cts. | 1884.                                 | \$        | cts. |
|---|---------|------|---------------------------------------|-----------|------|
| Dec. 31. To office furniture.....                       | 2,387   | 36   | By beach and deep water lots.....     | 45,466    | 15   |
| Amount at debit of grantees B and D water lots.....     | 39,989  | 04   | Quebec harbor debentures.....         | 1,866,000 | 00   |
| Amount at debit of lessees' wharves and warehouses..... | 5,534   | 46   | Dominion Government graving dock..... | 642,000   | 00   |
| Amount at debit of sundry parties for harbor dues.....  | 1,352   | 20   | Sinking fund.....                     | 148,121   | 17   |
| Point & Carey wharf.....                                | 272,262 | 48   | Profit and loss.....                  | 43,618    | 69   |
| East India do.....                                      | 48,368  | 49   |                                       |           |      |
| Grand Trunk do.....                                     | 15,433  | 32   |                                       |           |      |
| Wellington do.....                                      | 84,730  | 35   |                                       |           |      |
| Atkinson's do.....                                      | 50,945  | 20   |                                       |           |      |
| Reynar's do.....  | 9,918   | 29   |                                       |           |      |
| Breakwater.....   | 220,344 | 63   |                                       |           |      |
| Peters, Moore & Wright.....                             | 645,799 | 15   |                                       |           |      |
| Harbor improvements.....                                | 89,011  | 77   |                                       |           |      |
| Larkin, Connolly & Co., dredging.....                   | 115,431 | 60   |                                       |           |      |
| Dredging contingencies.....                             | 6,029   | 73   |                                       |           |      |
| Larkin, Connolly & Co., cross wall.....                 | 124,698 | 39   |                                       |           |      |
| Cross wall contingencies.....                           | 3,148   | 75   |                                       |           |      |
| Larkin, Connolly & Co., piling.....                     | 12,634  | 65   |                                       |           |      |
| Piling contingencies.....                               | 8,298   | 87   |                                       |           |      |
| Harbor improvements, interest account.....              | 178,345 | 79   |                                       |           |      |
| Larkin, Connolly & Co., graving dock.....               | 497,771 | 22   |                                       |           |      |
| Wigham, Richardson & Son.....                           | 29,331  | 45   |                                       |           |      |
| Carrer, Laine & Co.....                                 | 21,529  | 27   |                                       |           |      |
| Graving dock.....                                       | 85,490  | 57   |                                       |           |      |
| Receiver-General, sinking fund.....                     | 148,121 | 17   |                                       |           |      |
| La Banque Nationale.....                                | 9,467   | 18   |                                       |           |      |
| Cash.....   | 283     | 06   |                                       |           |      |
| Jackreaws account.....                                  | 394     | 87   |                                       |           |      |
| Tools account.....                                      | 974     | 55   |                                       |           |      |
| Open exchange.....                                      | 2,519   | 15   |                                       |           |      |
| Fly bank channel.....                                   | 7,482   | 61   |                                       |           |      |
| Anchor account.....                                     | 483     | 59   |                                       |           |      |
| Lumber account.....                                     | 421     | 82   |                                       |           |      |
| Atkinson's wharf, construction.....                     | 5,029   | 86   |                                       |           |      |
| Suspense account.....                                   | 1,241   | 44   |                                       |           |      |
|   |         |      |                                       | 2,744,206 | 01   |

A. H. VERRET,  
Secretary Treasurer.

JAS. WOODS,  
Book-keeper.

QUEBEC.  
STATEMENT of Assets and Liabilities per Balance Sheet of Date.

| 1884.<br>Dec. 31.. | ASSETS.                                     | \$ cts.    | 1884.<br>Dec. 31.. | LIABILITIES.                           | \$ cts.      | \$ cts.      |
|--------------------|---|------------|--------------------|--|--------------|--------------|
|                    | Real Estate:—                               |            |                    | Quebec Harbour debentures.....         | 1,865,000 00 |              |
|                    | Point-a-Carcy Wharf .....                   | 272,262 46 |                    | Received on account Graving Dock ..... | 682,000 00   | 2,507,000 00 |
|                    | East India do .....                         | 48,368 49  |                    |  |              |              |
|                    | Grand Trunk do .....                        | 15,433 32  |                    | SURPLUS.                               |              |              |
|                    | Wellington do .....                         | 84,730 35  |                    | Composed as follows:—                  |              |              |
|                    | Atkinson's do .....                         | 50,945 20  |                    | Beach and deep water lots.....         | 45,466 15    |              |
|                    | Reynar's do .....                           | 9,918 29   |                    | Sinking fund.....                      | 148,121 17   |              |
|                    | Breakwater do .....                         | 220,344 63 | 702,002 74         | Profit and loss.....                   | 43,618 69    | 237,206 01   |
|                    | <i>In re</i> Beach and Deep Water Lots:—    |            |                    |  |              |              |
|                    | Capital at debit sundry parties .....       | 34,776 90  |                    |  |              |              |
|                    | Arrears of interest to 24th June, 1884....  | 5,212 14   |                    |  |              |              |
|                    | do 24th Dec., 1884....                      | 1,241 44   | 41,230 48          |  |              |              |
|                    | Harbour Improvements:—                      |            |                    |  |              |              |
|                    | Peters, Moore & Wright.....                 | 645,799 15 |                    |  |              |              |
|                    | Engineering and sundries.....               | 89,011 77  |                    |  |              |              |
|                    | Larkin, Connolly & Co.—Dredging.....        | 116,331 60 |                    |  |              |              |
|                    | Dredging contingencies.....                 | 5,029 73   |                    |  |              |              |
|                    | Larkin, Connolly & Co.—Cross-wall.....      | 124,698 39 |                    |  |              |              |
|                    | Cross-wall contingencies .....              | 3,148 75   |                    |  |              |              |
|                    | Larkin, Connolly & Co.—Piling .....         | 12,634 65  |                    |  |              |              |
|                    | Piling contingencies.....                   | 8,298 67   |                    |  |              |              |
|                    | Interest account .....                      | 178,345 79 | 1,182,398 60       |  |              |              |
|                    | Graving Dock:—                              |            |                    |  |              |              |
|                    | Larkin, Connolly & Co.....                  | 497,771 22 |                    |  |              |              |
|                    | Wigham, Richardson & Son.....               | 29,331 45  |                    |  |              |              |
|                    | Carrier, Laine & Co. ....                   | 21,529 27  |                    |  |              |              |
|                    | Engineering and sundries.....               | 86,400 57  | 634,122 51         |  |              |              |
|                    | Sinking Fund—In hands of Receiver General   |            | 148,121 17         |  |              |              |
|                    | Cash:—                                      |            |                    |  |              |              |
|                    | On hand .....                               | 283 06     |                    |  |              |              |
|                    | In La Banque Nationale.....                 | 9,467 18   | 9,750 24           |  |              |              |
|                    | Rents—Due by sundries as per balance sheet. |            | 5,534 46           |  |              |              |
|                    | Harbour Dues—Due by sundries as per bal-    |            | 1,352 20           |  |              |              |
|                    | ance sheet.....                             |            | 5,026 86           |  |              |              |
|                    | Atkinson's Wharf—Construction.....          |            |                    |  |              |              |

|                         |                     |
|-------------------------|---------------------|
| Open exchange.....      | 2,419 15            |
| Fly Bank Channel.....   | 7,392 41            |
| Jackscrews on hand..... | 594 81              |
| Tools do.....           | 974 56              |
| Anchors do.....         | 483 59              |
| Lumber do.....          | 421 82              |
| Office furniture.....   | 2,387 36            |
|                         | <u>2,744,206 01</u> |

2,744,206 01

A. H. VERRET,  
Secretary-Treasurer.

## APPENDIX No. 10.

REPORT ON THE OPERATIONS OF THE HARBOUR COMMISSIONERS  
OF TORONTO, FOR THE CALENDAR YEAR ENDED 31ST DECEMBER,  
1884.

## TORONTO HARBOUR.

SECRETARY of the Toronto Harbour Trust in Account with the Harbour  
Commissioners for 1884.

Dr.

## GENERAL BALANCE SHEET.

Cr.

| 1884.   | \$     | cts. | 1884.   | \$     | cts. |
|---|--------|------|---|--------|------|
| Dec. 31. Wharf property, lighthouses,<br>&c. .... | 40,020 | 57   | Dec. 31. By balance to the credit of<br>profit and loss ..... | 56,704 | 64   |
| Elevator .....                                    | 10,250 | 00   |   |        |      |
| Office furniture .....                            | 643    | 43   |   |        |      |
| Toronto, Grey & Bruce Rail-<br>way .....          | 49     | 54   |   |        |      |
| Bank of Toronto, on deposit.                      | 5,707  | 37   |   |        |      |
| Cash on hand .....                                | 33     | 73   |   |        |      |
|   | 56,704 | 64   |   | 56,704 | 64   |

Having examined the books, accounts and vouchers, and compared the balance sheet as above with the books, we certify the same to be correct and to represent a true statement of the affairs of the trust to 31st December, 1884.

MORGAN BALDWIN,  
*Harbour Master.*

JAS. E. DAY,  
J. GRANT RIDOUT, } *Auditors,*

C. W. POSTLETHWAITE,  
*Deputy Harbour Master.*

ARTHUR B. LEE, *Chairman,*  
R. W. ELLIOT,  
A. M. SMITH,  
H. L. PIPER,  
JAMES LOBB, } *Harbour Commissioners.*

TORONTO, 8th January, 1885.

## STATEMENT of Receipts and Expenditure of Toronto Harbour Trust for the Year 1884.

| 1884.      | RECEIPTS.                                | \$ cts.   | 1884.      | EXPENDITURE.   | \$ cts.   |
|------------|--|-----------|------------|--|-----------|
| Jan. 2...  | Balance on deposit in bank .....         | 1,238 13  | Dec. 31... | Repairs to Queen's wharf...                              | 96 98     |
|            | Cash on hand.....                        | 19 57     |            | Repairs to breakwater .....                              | 351 00    |
| Dec. 31... | Toronto, Grey & Bruce Rail-<br>way ..... | 3,000 00  |            | Repairs to harbour boat ....                             | 11 00     |
|            | Harbour dues .....                       | 7,104 42  |            | Engineer's fees and law<br>costs .....                   | 245 09    |
|            | Corporation City of Toronto              | 150 50    |            | Plan of Ashbridge's Bay....                              | 7 00      |
|            | Interest on bank deposit.....            | 42 10     |            | Insurance .....  | 173 10    |
|            | Rent for boat-house .....                | 1 00      |            | Dredging .....   | 911 76    |
|            |  |           |            | Lights and buoys .....                                   | 465 98    |
|            |  |           |            | Office expenses .....                                    | 421 59    |
|            |  |           |            | Office furniture .....                                   | 4 00      |
|            |  |           |            | Coal and wood .....                                      | 34 25     |
|            |  |           |            | Charges .....  | 300 00    |
|            |  |           |            | Printing and stationery ....                             | 60 38     |
|            |  |           |            | Salaries .....   | 2,599 92  |
|            |  |           |            | Refunded E. H. Helliwell,<br>twice deposited in bank ... | 112 00    |
|            |  |           |            | Flag for Queen's wharf .....                             | 20 57     |
|            |  |           |            | Balance on deposit in bank                               | 5,707 37  |
|            |  |           |            | Cash on hand.....  | 33 73     |
|            |  | 11,555 72 |            |  | 11,555 72 |

Examined and found correct.

JAS. E. DAY,  
J. GRANT RIDOUT, } Auditors.

TORONTO, 8th January, 1885.

## STATEMENT IN DETAIL.

| 1884.        | OFFICE FURNITURE.                                   | \$ cts.   | \$ cts.   |
|--------------|---|-----------|-----------|
| Jan. 2.....  | Amount as per ledger .....                          |           | 613 43    |
|              | PROPERTY ACCOUNT.                                   |           |           |
| Jan. 2.....  | Balance as per ledger .....                         | 40,000 00 |           |
| Feb. 22..... | Flag for Queen's wharf .....                        | 20 57     | 40,020 57 |
|              | TORONTO, GREY AND BRUCE RAILWAY.                    |           |           |
| Dec. 31..... | Interest on overdue rental, balance from 1882 ..... |           | 49 54     |
|              | CHARGES ACCOUNT.                                    |           |           |
| Jan. 14..... | Commissioners' and auditors' fees, 1883.....        |           | 300 00    |
|              | INSURANCE ACCOUNT.                                  |           |           |
| Jan. 22..... | Premium on lighthouses .....                        | 8 00      |           |
| July 28..... | do elevator .....                                   | 160 00    |           |
| Dec. 24..... | do office furniture .....                           | 5 10      |           |
|              | Carried forward .....                               |           | 173 10    |
|              |   |           | 41,186 64 |

STATEMENT IN DETAIL—Continued.

|       |    | DREDGING ACCOUNT.                                       |    | \$    | cts. | \$     | cts.      |
|-------|----|---|----|-------|------|--------|-----------|
| 1884. |    | Brought forward .....                                   |    |       |      | 41,186 | 64        |
| May   | 1  | Hunter, Murray & Co., first and final certificate ..... |    | 834   | 08   |        |           |
| do    | 1  | Kivas Tully, engineer's fee .....                       |    | 41    | 70   |        |           |
| do    | 1  | William Pearce, check clerk .....                       |    | 36    | 00   |        | 911 76    |
|       |    | COAL AND WOOD.  |    |       |      |        |           |
| Feb.  | 12 | P. D. Conger, 2 tons coal .....                         |    | 13    | 50   |        |           |
| Nov.  | 11 | J. R. Bailey, 2 do and ½ cord pine .....                |    | 14    | 75   |        |           |
| Dec.  | 31 | P. D. Conger, 1 do .....                                |    | 6     | 00   |        | 34 25     |
|       |    | SALARIES.   |    |       |      |        |           |
| Dec.  | 24 | Morgan Baldwin, harbour master .....                    |    | 1,200 | 00   |        |           |
| do    | 24 | E. G. Helliwell, deputy harbour master .....            |    | 799   | 92   |        |           |
| do    | 24 | Capt. Taylor do do .....                                |    | 600   | 00   |        | 2,599 92  |
|       |    | OFFICE EXPENSES.  |    |       |      |        |           |
| Feb.  | 12 | Whitten & Co., fixing stoves .....                      |    | 5     | 95   |        |           |
| May   | 11 | R. Hay & Co., repairs to chairs and cushions .....      |    | 4     | 55   |        |           |
| Nov.  | 11 | G. R. Cockburn, rent of office for 1884 .....           |    | 360   | 00   |        |           |
| Dec.  | 19 | Cab fare for funeral .....                              |    | 4     | 00   |        |           |
| do    | 21 | Whiten & Co., cleaning and putting up stovepipes .....  |    | 4     | 53   |        |           |
| do    | 31 | Petty cash, sundry disbursements .....                  |    | 42    | 56   |        | 421 59    |
|       |    | ELEVATOR.   |    |       |      |        |           |
| Jan.  | 2  | Balance as per ledger, page 331 .....                   |    |       |      | 10,250 | 00        |
|       |    | PRINTING AND STATIONERY.                                |    |       |      |        |           |
| Feb.  | 12 | E. F. Clarke, for printing .....                        |    | 22    | 50   |        |           |
| do    | 12 | Copp, Clarke & Co., for printing .....                  |    | 15    | 00   |        |           |
| May   | 4  | Mail Printing Co., for posters .....                    |    | 7     | 50   |        |           |
| Oct.  | 7  | E. F. Clarke, for printing .....                        |    | 7     | 50   |        |           |
| do    | 7  | Copp, Clarke & Co., for printing .....                  |    | 4     | 00   |        |           |
| Dec.  | 31 | Petty cash .....  |    | 3     | 88   |        | 69 38     |
|       |    | LIGHTS AND BUOYS.                                       |    |       |      |        |           |
| April | 1  | Ross, Allan, for paint .....                            | \$ | 13    | 00   |        |           |
| do    | 18 | Capt. Taylor, placing buoys .....                       |    | 30    | 00   |        |           |
| June  | 3  | do Jackman do .....                                     |    | 45    | 00   |        |           |
| do    | 8  | Consumers' gas account .....                            |    | 55    | 04   |        |           |
| Oct.  | 7  | do do .....   |    | 64    | 80   |        |           |
| do    | 21 | William Trenwith, new buoys and repairs .....           |    | 39    | 60   |        |           |
| Dec.  | 2  | Capt. Taylor, lifting buoys .....                       |    | 18    | 64   |        |           |
| do    | 9  | do Jackman do .....                                     |    | 100   | 00   |        |           |
| do    | 9  | do Taylor do .....                                      |    | 8     | 00   |        |           |
| do    | 24 | Consumers' gas account .....                            |    | 70    | 40   |        |           |
| do    | 31 | Petty cash .....  |    | 21    | 50   |        |           |
|       |    |   |    |       |      | 465    | 98        |
|       |    | CREDITS.  |    |       |      |        |           |
| July  | 5  | Corporation of City of Toronto .....                    |    | 30    | 50   |        |           |
| Dec.  | 31 | do do .....   |    | 60    | 00   |        |           |
|       |    |   |    |       |      | 90     | 50        |
|       |    |   |    |       |      |        | 375 48    |
|       |    |   |    |       |      |        | 55,840 02 |

| Dr.        |  | PROFIT AND LOSS. |     | Cr.        |  |           |
|------------|--|------------------|-----|------------|--|-----------|
| 1884.      |  | \$               | cts | 1884.      | \$                                       | cts.      |
| Feb. 4...  | James Bullevant, repairs to Queen's wharf..... | 21               | 10  | Jan. 2...  | Balances as per ledger, p. 346 .....     | 52,144 67 |
| do 15...C  | Robertson, repairs to breakwater.....          | 351              | 00  | Oct. 1...  | Toronto, Grey and Bruce Railway Co ..... | 3,000 00  |
| do 15...   | Kivas Tully, engineer's fee.....               | 17               | 55  | July 1...  | Rent for boat-house .....                | 1 00      |
| July 22... | James Bullevant, repairs to Queen's wharf..... | 75               | 88  | Dec. 31... | Harbour dues.....                        | 7,104 42  |
| do 22...   | Kivas Tully, engineer's fee.....               | 3                | 80  | do 31...   | Interest .....                           | 42 10     |
| Aug. 1...  | C. & H. D. Gamble, law costs.....              | 93               | 74  |            |  |           |
| Sept. 1... | Kivas Tully, engineer's fee.....               | 130              | 00  |            |  |           |
| do 4...    | Repairs to harbour boat .....                  | 11               | 00  |            |  |           |
| Dec. 31... | Ashbridge's Bay—Plan of .....                  | 7                | 00  |            |  |           |
| do 31...   | Insurance .....                                | 173              | 10  |            |  |           |
| do 31...   | Dredging.....                                  | 911              | 76  |            |  |           |
| do 31...   | Lights and buoys.....                          | 375              | 48  |            |  |           |
| do 31...   | Office expenses .....                          | 421              | 59  |            |  |           |
| do 31...   | Coal and wood .....                            | 34               | 25  |            |  |           |
| do 31...   | Charges .....                                  | 300              | 00  |            |  |           |
| do 31...   | Printing and stationery .....                  | 60               | 38  |            |  |           |
| do 31...   | Salaries .....                                 | 2,599            | 92  |            |  |           |
| do 31...   | Balance to credit of Profit and Loss .....     | 56,701           | 64  |            |  |           |
|            |  | 62,292           | 19  |            |  | 62,292 19 |

Examined and found correct.

JAS. E. DAY,  
J. GRANT RIDOUT, } Auditors.

TORONTO, 8th January, 1885.

COMPARATIVE STATEMENT.

Arriving by Steamers and Vessels for 1883 and 1884.

| Description.                                    |         | 1883.   | 1884.     |
|---|---------|---------|-----------|
| Merchandise and all unenumerated articles ..... | tons    | 16,856  | 14,645    |
| Coal .....                                      | tons    | 115,535 | 98,223    |
| Wood .....                                      | cords   | 282     | 155       |
| Stone.....                                      | toise   | 2,140   | 3,530½    |
| Lime, plaster, &c .....                         | bbls.   | 1,792   | 3,774     |
| Fish, oil, &c.....                              | bbls.   | 442     | 1,024     |
| Grain .....                                     | bush.   | 41,644  | 133,490   |
| Lumber .....                                    | M.      | 803,794 | 1,224,200 |
| Fire brick .....                                | M.      | 105,129 | 46,440    |
| Potatoes and other vegetables .....             | bbls.   | 609     | 2,543     |
| Salt .....                                      | bbls.   | None.   | 1,100     |
| Fruit .....                                     | bbls.   | 2,338   | 3,923     |
| do .....  | boxes   | 7,141   | 7,323     |
| do .....  | baskets | 55,818  | 45,821    |
| Horses, carriages, &c .....                     | each    | 412     | 255       |
| Moulding sand .....                             | tons    | 1,057   | 342       |
| Uawrought building stone.....                   | tons    | 2,104   | 1,469     |
| Porter, beer, &c.....                           | bbls.   | 60      | None.     |
| Flour, meal, &c.....                            | bbls.   | 50      | 190       |
| Sheep, pigs, &c.....                            | each    | 81      | 1         |
| Hay.....  | tons    | 71      | None.     |
| Laths, hoops, &c.....                           | M       | 378,000 | 1,339,500 |

## THIRTY-FOURTH ANNUAL REPORT.

To the Chairman and Commissioners of the Toronto Harbour Trust:

GENTLEMEN,—I beg to lay before you this my Annual Report for the year 1884.

The last of the ice left the bay on Tuesday, the 8th April, and the bay was frozen over again on the 19th December.

The first vessel to arrive was the "Minnie," of St. Catharines, on the 28th March, and the last to arrive was the propeller "Myles," on the 11th December.

The number of vessels that arrived at this port this season was 1,780, or 48 vessels more than last year.

|                        | 1884. | 1883. | Increase. | Decrease. |
|------------------------|-------|-------|-----------|-----------|
| Steamboats loaded..... | 109   | 490   | .....     | 381       |
| do light.....          | 405   | 38    | 367       | .....     |
| Propellers loaded..... | 105   | 153   | .....     | 48        |
| do light.....          | 97    | 87    | 10        | .....     |
| Schooners loaded.....  | 1,015 | 863   | 152       | .....     |
| do light.....          | 49    | 101   | .....     | 52        |

The number of vessels wintering here is 64, representing a tonnage of about 11,015 tons.

The receipts for harbour dues were \$7,104.42, a decrease of \$868.29 as compared with last year.

The balance to the credit of the Trust on the 1st January was \$1,257.70, the revenue for the year \$10,293.02, making a total of \$11,555.72. The expenditure was \$5,814.62, leaving a balance of \$5,741.10 at the end of the year.

The amount of coal received by water was 98,223 tons, or 17,312 tons less than last year.

The amount of coal imported by rail, as per information received from the Custom House, was: Hard coal, 106,673 tons; soft coal, 131,314½ tons; total, 237,987½ tons. Amount received last year, 187,042 tons.

The water rose on the 22nd of May to 40 inches above zero, or 4 inches higher than it was last year and 1 inch lower than in the year 1876, which year, with five exceptions, was the highest in thirty years. The lowest water was 9 inches above zero on the 24th November, or 11 inches higher than the minimum last year.

Dredging was done in the slips at the foot of Brock, Yonge and Scott streets, at a cost of \$911.76.

Dredging will be necessary in the spring at many of the slips, more especially at the Yonge street slip, and I would strongly urge, as a sanitary precaution, as well as a saving of continual expense, that the sewer be carried, if possible, under Milloy's wharf out to the Windmill line. A good portion of the sewage will then be carried out of the harbour by the current.

It was the intention of the Commissioners to finish the work commenced last year, viz., making a cut from the south of the River Don into the marsh, for the purpose of diverting the current of the said river into Asbridge's Bay, by placing stop logs, &c., across the river, immediately to the west of the new cut, but to do so they would have been obliged to trespass on a strip of land belonging to the Grand Trunk Railway Company, and that company declined to permit them to do so, except on condition of the Commissioners building crib work or close piling from the railway bridge to the the point from which the stop logs would cross the river, along the front of their property, which would have added \$1,200 to the expense, making the whole amount for the proposed work come to \$5,330. The Commissioners decided not to carry on any further work there at present.

The buoys were all placed out by the 25th of April, and taken up on the 12th December, all except two of the western channel buoys, which were buried 3 or



4 feet by the encroaching sand, and could not be lifted by the boat. They were, however, got up through the ice on the 6th of January, 1885.

The lights at the Queen's Wharf were lighted on the 7th April and discontinued on the 13th of December.

As the lights at the Queen's Wharf are no longer now what they were intended to be, range lights, owing to the fact that the entrance to the channel is more to the south than it was formerly, I would recommend the removal of the red light from its present position to the crib to the north of the wharf, which will then bring them into range with the entrance of the channel.

The contractors for the Toronto harbour improvements, Messrs. Cook, Jones & Innis, have completed the greater portion of contract "A," or that portion along the marsh and extending out into the gap.

Contract "B," or that portion commencing at the eastern end of the island and running westward, is also almost completed.

The repairing of the breaks caused by last year's storms to the unprotected piling was finished last summer and made secure.

This year the contractors hope to finish both contracts.

An appropriation was made during the last Session of the Dominion Parliament, tenders called for, and I believe awarded, for the erection of a steam fog-horn on Gibraltar Point, which will, when erected, supply a want long felt.

I have to record, with regret, the death of Mr. E. G. Helliwell, who, for the last fourteen years, occupied the position of Deputy Harbour Master. He died on Sunday, the 14th December, of typhoid fever. Mr. C. W. Postlethwaite was appointed Deputy Harbour Master in his stead.

All of which is respectfully submitted.

MORGAN BALDWIN,

*Harbour Master.*

12th January, 1885.

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TORONTO HARBOUR WORKS,  
TORONTO, 10th January, 1885.

SIR,—I have the honour to report that the quantity of dredging done during the last season has been as follows:—

|                        | Cubic yards. |
|------------------------|--------------|
| Brock Street Slip..... | 3,098        |
| Yonge do do ..         | 1,994        |
| Scott do do ..         | 289          |
|                        | <hr/>        |
| Total .....            | 5,381        |

The price was 15½ cents per cubic yard, the same as in 1883, the former contractors, Messrs. Hunter & Murray, having agreed to continue the work at the same rate for which they tendered the previous season.

Some slight repairs were made to the Don breakwater and to the Queen's Wharf.

I would again call the attention of the Trust to the necessity for the construction of the trunk sewer along Front street, as recommended by the late city engineer, F. Shanly, Esq., and would recommend, as I reported in 1875 and 1881, "The Board to co-operate with the city council for its early construction, thereby avoiding the increasing annual expenditure for dredging at the several slips on the front of the bay."

In connection with the above, the diversion of the water of the River Don into Ashbridge's Bay, by means of crib work and stop logs across the river, through the

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new channel recently dredged at the expense of the Trust, in accordance with the recommendations in the report and estimate on the 18th February last, should also be considered.

Should these improvements be made, the annual expenditure for dredging in the slips and the Don channel would be saved, and the pollution of the waters of the bay by sewage, which is now a just cause of general complaint, and consequent unhealthiness, would be avoided.

I have the honour to remain,

Your obedient servant,

KIVAS TULLY,

*Engineer.*

A. B. LEE, Esq.,  
Chairman Toronto Harbour Commissioners,  
Toronto.

## APPENDIX No. 11.

REPORT OF THE HARBOUR COMMISSIONERS OF PICTOU, N.S., FOR THE  
CALENDAR YEAR ENDING 31st DECEMBER, 1884.

PICTOU, 22nd January, 1885.

SIR,—I have the honour to enclose account of Harbour Commissioners' receipts and expenditure for the year ending 31st December, 1884.

Also, the Harbour Master's report for past season, which shows a total arrival of 1,530 steamers and sailing vessels, aggregating 264,394 tons, against 1,540 steamers and sailing vessels of 247,605 tons, during 1883.

The Commissioners expect to make some required repairs to both east and west wharves this season.

I have the honour to be, Sir, your obedient servant,

J. A. GORDON,

*Chairman of Harbour Commissioners.*

WM. SMITH, Esq.,  
Deputy Minister of Marine,  
Ottawa.

**Dr. ACCOUNT of Receipts and Expenditure of Harbour Commissioners to 31st December, 1884. Cr.**

|  |  | 1884. | 1884. |    | 1884. |      | 1885.    |
|--|--|-------|-------|----|-------|------|----------|
|  |  | \$    | cts.  |    | \$    | cts. | \$       |
|  |  |       |       |    |       |      |          |
| Jan. 3 To Balance on hand, as per statement..... |  |       |       |    |       |      |          |
| Cash from wharfinger.....                        |  |       |       |    |       |      |          |
| do collector.....                                | 368  | 43    |       |    |       |      |          |
| do Noonan & Davies, wharfage.....                | 1,210  | 00    |       |    |       |      |          |
| do interest.....                                 | 80   | 01    |       |    |       |      |          |
|  |  |       | 1,719 | 44 |       |      |          |
|  | By Paid Daniel McDonald, account.....  |       |       |    | 100   | 00   |          |
|  | Timber and logs, repairing wharves.....                                      |       |       |    | 208   | 56   |          |
|  | Labour at wharves.....   |       |       |    | 322   | 01   |          |
|  | T. Fraser, Esq., New Glasgow, account.....                                   |       |       |    | 8     | 93   |          |
|  | Bushing West, Middle and East Rivers, and bushes for East River channel..... |       |       |    | 26    | 00   |          |
|  | Labour teams at wharf.....   |       |       |    | 12    | 50   |          |
|  | Dawson, Gordon & Co., per account.....                                       |       |       |    | 147   | 79   |          |
|  | Tug "Daisy," setting buoys.....  |       |       |    | 16    | 00   |          |
|  | Sundry small accounts.....   |       |       |    | 14    | 87   |          |
|  | Tug "Daisy," lifting buoys.....  |       |       |    | 40    | 00   |          |
|  | W. Carson, account.....  |       |       |    | 13    | 05   |          |
|  | A. McKarher, account.....  |       |       |    | 53    | 01   |          |
|  | A. A. Garvin, per account.....   |       |       |    | 149   | 79   |          |
|  | Wharfinger's salary.....   |       |       |    | 200   | 00   |          |
|  | Harbour policemen's salaries.....  |       |       |    | 200   | 00   |          |
|  | Secretary's salary.....  |       |       |    | 1,509 | 51   |          |
|  | 6 per cent. commission on \$1,509.51.....                                    |       |       |    | 100   | 00   |          |
|  | Balance on hand.....   |       |       |    | 75    | 47   |          |
|  |  |       |       |    | 2,893 | 22   |          |
| Jan. 10 To Balance on hand.....                  |  | 2,893 | 22    |    |       |      | 4,578 20 |

J. A. GORDON,  
Chairman of Harbour Commissioners.

E. and O. E.

Sworn to at Pictou before me, this }  
10th day of January, 1885. }  
WILLIAM ROSS, J.P.

Pictou, N.S., 31st December, 1884.

SIR,—I have the honour to report that the following vessels have entered the Harbour of Pictou during the year ending this date:—

| No.          |                              | Tonnage.       |
|--------------|------------------------------|----------------|
| 154          | British paddle steamers..... | 102,987        |
| 119          | do screw do .....            | 69,019         |
| 2            | do sailing ships.....        | 3,161          |
| 18           | do barques.....              | 11,366         |
| 13           | do brigantines.....          | 2,909          |
| 1,183        | do schooners.....            | 49,037         |
| <u>1,489</u> | do .....                     | <u>238,389</u> |
| 29           | Foreign steamers.....        | 25,295         |
| 12           | do sailing vessels.....      | 710            |
| <u>1,530</u> |                              | <u>264,394</u> |

JOHN GUNN,  
*Harbour Master.*

J. A. GORDON, Esq.,  
Chairman of Commissioners,  
Pictou Harbour.

## APPENDIX No. 12.

REPORT OF THE HARBOUR MASTER FOR THE PORT OF HALIFAX, N.S.,  
FOR THE CALENDAR YEAR ENDED 31<sup>ST</sup> DECEMBER, 1884.HARBOUR MASTER'S OFFICE,  
HALIFAX, N.S., 22<sup>ND</sup> JANUARY, 1885.

SIR,—Enclosed herewith I beg to submit my statement for the year ending 31<sup>st</sup> December, 1884, showing the number, rig and tonnage of vessels subject to Harbour Master's dues using this port during the past twelve months.

I have the honour to be, Sir,

Your obedient servant,

E. O'BRYAN,

*Harbour Master.*

WM. SMITH, Esq.,  
Deputy Minister of Marine,  
Ottawa.

Dr: RECEIPTS AND EXPENDITURE of the Harbour Master, Halifax, N.S., from 1st January to 31st December, 1884. Cr.

|                             | No. | Rig.              | Tonnage. | \$ eta.  | \$ eta.  |
|-----------------------------|-----|-------------------|----------|----------|----------|
| To Fees collected from..... | 143 | Steamers.....     | 206,254  | 684 50   |          |
| do do .....                 | 3   | Ships .....       | 2,973    | 15 00    |          |
| do do .....                 | 75  | Barques.....      | 40,748   | 267 50   |          |
| do do .....                 | 19  | Barquentines..... | 5,261    | 41 00    |          |
| do do .....                 | 6   | Brigs.....        | 1,493    | 12 00    |          |
| do do .....                 | 105 | Brigantines.....  | 19,085   | 175 00   |          |
| do do .....                 | 460 | Schooners.....    | 38,650   | 486 50   |          |
|                             |     |                   |          | 1,681 50 |          |
|                             |     |                   |          |          | 1,681 50 |

By amount reverting to Harbour Master for expenses and remuneration.....

E. O'BRYAN,  
Harbour Master.

Sworn to before me at Halifax, N.S., this }  
twenty-second day of January, 1885. }  
Wm. McKERRON, Notary Public.

APPENDIX No. 13.

REPORT OF THE HARBOUR COMMISSIONERS OF NORTH SYDNEY, C.B.  
FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

NORTH SYDNEY, 8th January, 1885.

SIR,—In accordance with the provisions of section 4 of the 42nd Victoria, chapter 30, we have the honor to submit our report for the year 1884.

The following statements contain the usual particulars furnished your Department :—

*Coal Export.*

The coal shipments from the harbour show a falling off of 8 per cent. The following are the coal shipments from the port since 1879 :—

COAL SHIPMENTS.

| Years.    | Tons.   |
|-----------|---------|
| 1879..... | 147,051 |
| 1880..... | 187,818 |
| 1881..... | 258,961 |
| 1882..... | 313,257 |
| 1883..... | 330,748 |
| 1884..... | 303,748 |

*Shipping.*

The arrivals show an increase of 10 per cent. over that of 1883.

The following include vessels for cargoes orders, and bunker coals.

The arrivals and tonnage for the year ended 31st December, are as follows :—

|               | No.   | Tons.   |
|---------------|-------|---------|
| Steamers..... | 392   | 275,977 |
| Sail.....     | 1,215 | 193,212 |
|               | 1,607 | 469,189 |
|               | 1,607 | 469,189 |

A large number of the steamers and a number of the sailing vessels that entered at this port also entered at Sydney—having had freight for each place, they both being in the same harbor.



*Receipts from Shipping.*

There was an increase in the receipts from shipping of \$11.62 over the year 1883.

Of the 1,607 vessels reported, only 755, representing 166,850 tons, paid harbour dues.

The receipts and disbursements are as follows :—

| RECEIVED.                      | \$ cts.  | PAID.   | \$ cts.  |
|--------------------------------|----------|---|----------|
| From Collector of Customs..... | 1,668 50 | To A. C. Bertram, for printing.....                 | 10 50    |
| Wharfage.....                  | 78 95    | Harbour master.....                                 | 400 00   |
| M. J. Phoran.....              | 55 50    | do boat expenses.....                               | 50 00    |
| G. H. Dobson.....              | 172 50   | W. H. Moore & Co.....                               | 111 04   |
|                                |          | Alex. Campbell, diver.....                          | 5 00     |
|                                |          | Office rent.....                                    | 50 00    |
|                                |          | Paid labour, ballast.....                           | 1 25     |
|                                |          | James Desmond.....                                  | 3 10     |
|                                |          | M. S. Brown & Co.....                               | 10 00    |
|                                |          | Bart. Musgrave, \$2.00; H. R. McKenzie, \$8.00..... | 10 00    |
|                                |          | Gouthro, for wharf account.....                     | 287 17   |
|                                |          | Geo. Murray.....                                    | 55 00    |
|                                |          | Mosley & Chisholm.....                              | 49 80    |
|                                |          | Office fuel, stationery and cleaning.....           | 10 50    |
|                                |          | M. J. Phoran.....                                   | 185 50   |
|                                |          | Caring for seamen.....                              | 420 00   |
|                                |          | Geo. H. Dobson, Secretary.....                      | 87 26    |
|                                |          | W. H. Moore, Treasurer, Commissioners.....          | 210 57   |
|                                |          | Interest on loan.....                               | 16 76    |
|                                |          | Balance on hand.....                                |          |
|                                | 1,973 45 |   | 1,973 45 |

We send you copies of the Harbour Master's report, giving comparative statement of the tonnage of the port since 1879, also Mr. Phoran's report of the seamen cared for.

We have the honour to be, Sir, your obedient servants,

M. J. PHORAN,  
W. H. MOORE,  
GEO. H. DOBSON. } *Harbour Commissioners.*

To the Honorable A. W. McLELAN,  
Minister of Marine and Fisheries,  
Ottawa.

The following is the number of Seamen cared for and assisted on board their respective vessels during the year 1884:—

| Dates.  | Men put on board Ship. | Names of Vessels.     | Dates.   | Men put on board Ship. | Names of Vessels.      |
|---------|------------------------|-----------------------|----------|------------------------|------------------------|
| May 21  | 2 men.....             | Bright Dawn.          | Aug. 23  | 8 men.....             | Bk. Maggie M.          |
| do 14   | 3 do .....             | S.S. Panther.         | Sept. 31 | 1 do .....             | Bright Restless.       |
| do 22   | 1 do .....             | do Kite.              | do 5     | 2 do .....             | Bk. Lottie.            |
| do 24   | 5 do .....             | do do                 | do 6     | 2 do .....             | Laurie B.              |
| do 28   | 3 do .....             | do do                 | do 15    | 2 do .....             | Fishing schooner.      |
| do 31   | 1 do ....              | Bright. Rebecca.      | do 18    | 2 do .....             | Bk. Maggie.            |
| June 22 | 2 do .....             | Schr. Valentine.      | do 19    | 1 do .....             | Brig Iona.             |
| do 24   | 2 do .....             | S.S. Vanguard.        | do 20    | 1 do .....             | S.S. Mastiff.          |
| do 25   | 2 do .....             | Schr. Josephine.      | do 21    | 1 do .....             | Grey Parrot.           |
| July 2  | 4 do .....             | S.S. Greyhound.       | do 24    | 2 do ....              | Steamer.               |
| do 8    | 2 do .....             | Schr. Lizzie.         | do 24    | 2 do .....             | Schooner M. R.         |
| do 16   | 3 do .....             | S.S. Walrus.          | do 27    | 1 do .....             | S.S. Broderick Castle. |
| do 22   | 3 do .....             | do Tinto.             | do 30    | 1 do .....             | Schr. Jennie Whitman.  |
| do 25   | 3 do .....             | Bright. Sea Breeze.   | Oct. 5   | 1 do .....             | S.S. Leopard.          |
| Aug. 12 | 3 do .....             | do May                | Nov. 8   | 2 do .....             | do Neptune.            |
| do 18   | 1 do .....             | Schr. Maggie Willard. |          |                        |                        |

I am pleased to be able to report that there were no serious nor fatal accidents occurred to seamen in this port during the year.

Respectfully submitted,

M. J. PHORAN.

HARBOUR MASTER'S REPORT.  
 COMPARATIVE Statement of Arrivals of Vessels and Tonnage for Cargo or Orders, and Steamers for Bunker Coals.

| Class of Vessels.               | 1879. |         | 1880.  |         | 1881.  |         | 1882.  |         | 1883.  |         | 1884.  |         |
|---------------------------------|-------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|
|                                 | No.   | Tons.   | No.    | Tons.   | No.    | Tons.   | No.    | Tons.   | No.    | Tons.   | No.    | Tons.   |
| Ocean steamers.....             | 41    | 42,550  | 197    | 197,242 | 253    | 258,470 | 174    | 178,566 | 217    | 212,467 | 271    | 240,674 |
| Coasting do .....               | 105   | 45,752  | 43     | 15,297  | 55     | 25,703  | 128    | 86,759  | 178    | 40,732  | 121    | 36,303  |
| Ships.....                      | 8     | 7,641   | 13     | 16,768  | 9      | 11,076  | 5      | 5,989   | 11     | 10,480  | 11     | 13,148  |
| Barks.....                      | 13    | 68,224  | 124    | 77,882  | 136    | 44,753  | 110    | 62,380  | 105    | 53,151  | 159    | 50,039  |
| Brigantines.....                | 145   | 25,358  | 189    | 48,624  | 125    | 25,854  | 185    | 45,969  | 149    | 36,186  | 189    | 36,597  |
| Schooners.....                  | 717   | 55,775  | 607    | 45,277  | 439    | 35,226  | 498    | 75,829  | 826    | 64,878  | 856    | 63,428  |
| Totals.....                     | 1,160 | 245,220 | 1,173  | 297,990 | 1,017  | 401,082 | 1,100  | 455,492 | 1,486  | 417,894 | 1,607  | 469,189 |
| Number of seamen each year..... | 9,692 |         | 12,385 |         | 10,147 |         | 11,927 |         | 14,297 |         | 15,730 |         |

## PORT OF NORTH SYDNEY.

COMPARATIVE STATEMENT showing the dates of the closing and opening of the navigation; also, the first arrival from and departure to sea for the last six years.

| Years.    | Closing<br>of<br>Navigation. | Opening<br>of<br>Navigation. | Last<br>Departure<br>to Sea. | First<br>Arrival<br>from Sea. |
|-----------|------------------------------|------------------------------|------------------------------|-------------------------------|
| 1879..... | February 16                  | March 2                      | January 24                   | March 3                       |
| 1880..... | do 4                         | April 10                     | do 17                        | April 13                      |
| 1881..... | January 23                   | February 25                  | do 19                        | do 1                          |
| 1882..... | do 27                        | May 2                        | do 24                        | May 2                         |
| 1883..... | do 19                        | March 28                     | do 17                        | April 1                       |
| 1884..... | do 16                        | April 22                     | do 16                        | do 27                         |

The harbour buoys were taken up 3rd January, 1884, and put out 22nd May, and again taken up 23rd December, 1884.

Respectfully submitted,

GEO. B. MOFFATT,

*Harbour Master.*

## APPENDIX No. 14.

TABLE showing the names of Ports proclaimed under the Dominion Acts, 36 Vic., chap. 9, 37 Vic., chap. 34, and 38 Vic., chap. 30, for the appointment of Harbour Masters; the dates of proclamation; the names of the Harbour Masters appointed under the Acts named, and the Acts 35 Vic., chap. 42, and 36 Vic., chaps. 12 and 63; the dates of the appointment of Harbour Masters; the amount which each of their Salaries is not to exceed; the amount of Fees collected by each of them during the Calendar Year ended 31st December, 1884, and the overplus, if any, paid into the credit of the Receiver-General.

## PROVINCE OF ONTARIO.

| Name of Port.    | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1884. | Amount of expenses incurred in repairing & placing buoys, &c. | Amount paid over to Receiver-General. |
|------------------|-----------------------|-------------------------|----------------------|--|---------------------------|---|---------------------------------------|
|                  |                       |                         |                      | \$ cts.  | \$ cts.                   | \$ cts.   | \$ cts.                               |
| Collingwood..... | 3 Mar., 1877          | Andrew Lockerbie.....   | 3 Mar., 1877         | 200 00   | 188 50                    | .....   | .....                                 |
| Goderich.....    | 28 Apr., 1876         | Thomas N. Dancey.....   | 22 Apr., 1876        | 300 00   | 123 50                    | .....   | .....                                 |
| Midland.....     | 22 July, 1882         | E. Polkinghorn.....     | 22 July, 1882        | 200 00   | 145 00                    | .....   | .....                                 |
| Parry Sound..... | 24 Mar., 1883         | John Galna.....         | 19 Mar., 1883        | 200 00   | 60 50                     | .....   | .....                                 |
| Penetanguishene  | 2 Feb., 1877          | Francis Densome.....    | 3 June, 1881         | 200 00   | 13 50                     | .....   | .....                                 |
| Port Arthur..... | 12 May, 1884          | Wm. F. Davidson.....    | 12 May, 1884         | 400 00   | .....                     | .....   | .....                                 |
| Rondeau.....     | 4 May, 1878           | Thomas Harrison.....    | 4 May, 1878          | 100 00   | 67 50                     | .....   | .....                                 |
| Southampton..... | 23 Sept., 1875        | W. H. Johnston.....     | 27 Sept., 1882       | 100 00   | 95 00                     | .....   | .....                                 |

## PROVINCE OF QUEBEC.

|                |                |                       |                |        |        |       |       |
|----------------|----------------|-----------------------|----------------|--------|--------|-------|-------|
| Amherst.....   | 14 Sept., 1878 | John Cassidy.....     | 2 Sept., 1878  | 200 00 | 22 50  | ..... | ..... |
| Carleton.....  | 8 Dec., 1881   | Joseph H. Landry..... | 8 Dec., 1881   | 200 00 | .....  | ..... | ..... |
| Gaspé.....     | 25 Sept., 1874 | Joseph Eden.....      | 22 Sept., 1874 | 500 00 | 128 00 | ..... | ..... |
| Matane.....    | 19 Oct., 1877  | D. F. St. Aubin.....  | 12 June, 1880  | 200 00 | 29 00  | ..... | ..... |
| Métis.....     | 7 Feb., 1878   | P. F. Leggat.....     | 7 Feb., 1878   | 200 00 | 45 00  | ..... | ..... |
| New Richmond.. | 15 Apr., 1882  | Henry Leblanc.....    | 3 Apr., 1882   | 200 00 | 18 50  | ..... | ..... |
| Oak Bay.....   | 27 Mar., 1880  | Jas. D. Lowerby.....  | 22 Mar., 1880  | 200 00 | 38 50  | ..... | ..... |
| Paspébiac..... | 12 May, 1877   | Hugh Christie.....    | 22 May, 1877   | 150 00 | 43 50  | ..... | ..... |
| Rimouski.....  | 5 Mar., 1877   | Jos. St. Laurent..... | 30 May, 1878   | 200 00 | 26 00  | ..... | ..... |

TABLE showing the names of Ports proclaimed under the Dominion Acts,  
&c.—Continued.

## PROVINCE OF QUEBEC—Continued.

| Name of Port.      | Date of Proclamation.               | Name of Harbour Master.    | Date of Appointment. | Amount from the fees of office salary not to exceed. |      | Amount collected in 1884. |       | Amount of expenses incurred in repairing & placing buoys, &c. |       | Amount paid over to Receiver-General. |
|--------------------|-------------------------------------|----------------------------|----------------------|--|------|---------------------------|-------|---|-------|---------------------------------------|
|                    |                                     |                            |                      | \$   | cts. | \$                        | cts.  | \$  | cts.  |                                       |
| Rivière Ouelle ... | 22 July, 1882                       | Achilles Fraser .....      | 22 July, 1882        | 100  | 00   | No return.                | ..... | .....   | ..... | .....                                 |
| St. Johns .....    | } Within the harbour of Montreal. { | Jos. E. Pinsonneault ..... | 10 May, 1879         | 500  | 00   | 629                       | 00    | .....   | ..... | .....                                 |
| Sorel .....        |                                     | Pierre Bellefeuille .....  | 20 Apr., 1875        | 300  | 00   | No return.                | ..... | .....   | ..... | .....                                 |

## PROVINCE OF NEW BRUNSWICK.

|  |                |                            |                |       |       |            |       |       |       |        |
|--|----------------|----------------------------|----------------|-------|-------|------------|-------|-------|-------|--------|
| Bathurst .....                           | 30 May, 1873   | James Andrew .....         | 23 Mar., 1881  | 200   | 00    | 142        | 50    | ..... | ..... | .....  |
| Black's Harbour and Beaver Harbour ..... | 22 Sept., 1883 | E. W. Cross .....          | 17 Sept., 1883 | 100   | 00    | 18         | 00    | ..... | ..... | .....  |
| Buctouche .....                          | 30 May, 1873   | James Keswick .....        | 28 May, 1883   | 100   | 00    | 15         | 50    | ..... | ..... | .....  |
| Campbelltown ...                         | 30 May, 1873   | William Mott .....         | 9 July, 1873   | 200   | 00    | 32         | 00    | ..... | ..... | .....  |
| Campobello .....                         | 30 May, 1873   | John Benjamin Beatty ..... | 7 July, 1873   | 100   | 00    | 24         | 50    | ..... | ..... | .....  |
| Caraquet .....                           | 30 May, 1873   | Louis Poirier .....        | 17 Apr., 1883  | 150   | 00    | 36         | 50    | ..... | ..... | .....  |
| Chatham .....                            | 30 May, 1873   | Wm. Johnston .....         | 25 June, 1879  | 300   | 00    | 418        | 00    | ..... | ..... | 118 00 |
| Cocagne .....                            | 30 May, 1873   | John Brooks .....          | 7 July, 1873   | 100   | 00    | .....      | ..... | ..... | ..... | .....  |
| Dalhousie .....                          | 30 May, 1873   | James Moffatt .....        | 5 Apr., 1883   | 200   | 00    | 76         | 00    | ..... | ..... | .....  |
| Dorchester .....                         | 30 May, 1873   | Joshua King .....          | 9 July, 1875   | 200   | 00    | 12         | 50    | ..... | ..... | .....  |
| Fredericton .....                        | 30 May, 1873   | Vacant .....               | .....          | ..... | ..... | .....      | ..... | ..... | ..... | .....  |
| Grand Manan ...                          | 18 Sept., 1876 | James A. Pettis .....      | 18 Sept., 1876 | 100   | 00    | No return. | ..... | ..... | ..... | .....  |
| Great Shemogue                           | 17 May, 1875   | John Avarad .....          | 10 May, 1875   | 100   | 00    | Nil.       | ..... | ..... | ..... | .....  |
| Harvey .....                             | 30 May, 1873   | Harding E. Graves .....    | 8 July, 1884   | 100   | 00    | No return. | ..... | ..... | ..... | .....  |
| Hillsborough .....                       | 30 May, 1873   | Nehemiah Bennett .....     | 30 Apr., 1874  | 150   | 00    | 66         | 00    | ..... | ..... | .....  |
| Ledge of St. Stephens ...                | 30 May, 1873   | Charles Young .....        | 22 Apr., 1876  | 100   | 00    | 8          | 75    | ..... | ..... | .....  |
| Letete, &c. ....                         | 22 Sept., 1883 | Jos. Chambers .....        | 17 Sept., 1883 | 100   | 00    | 12         | 00    | ..... | ..... | .....  |
| Moncton .....                            | 30 May, 1873   | Vacant .....               | .....          | ..... | ..... | .....      | ..... | ..... | ..... | .....  |

TABLE showing the names of Ports proclaimed under the Dominion Acts, &amp;c.—Continued.

## PROVINCE OF NEW BRUNSWICK—Concluded.

| Name of Ports.                 | Date of Proclamation. | Name of Harbour Master.   | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1884. | Amount of expenses incurred in repairing & placing buoys, &c. | Amount paid over to Receiver-General. |
|--------------------------------|-----------------------|---------------------------|----------------------|--|---------------------------|---|---------------------------------------|
|                                |                       |                           |                      | \$ cts.  | \$ cts.                   | \$ cts.   | \$ cts.                               |
| Musquash.....                  | 26 Mar., 1874         | Samuel Hayward.....       | 26 Mar., 1874        | 100 00   | 27 50                     | .....   | .....                                 |
| Newcastle.....                 | 30 May, 1873          | John Niven.....           | 7 July, 1873         | 300 00   | 395 00                    | .....   | 95 00                                 |
| North Joggins...               | 30 May, 1873          | Vacant.....               | .....                | .....  | .....                     | .....   | .....                                 |
| Port Elgin and Baie Verte..... | 6 Feb., 1873          | Jacob Silliker.....       | 6 Feb., 1878         | 200 00   | 22 00                     | .....   | .....                                 |
| Pokemouche.....                | 7 July, 1883          | Vital Lousier.....        | 23 June, 1883        | 100 00   | No return.....            | .....   | .....                                 |
| Richibucto.....                | 30 May, 1873          | James Alexander Jardine.. | 11 May, 1874         | 200 00   | 95 00                     | .....   | .....                                 |
| Rockland.....                  | 30 May, 1873          | Vacant.....               | .....                | .....  | .....                     | .....   | .....                                 |
| Sackville.....                 | 30 May, 1873          | do.....                   | .....                | .....  | .....                     | .....   | .....                                 |
| St. Andrews.....               | 30 May, 1873          | John Wren.....            | 6 May, 1884          | 100 00   | 51 50                     | .....   | .....                                 |
| St. George.....                | 30 May, 1873          | Alexander Dick.....       | 29 Aug., 1884        | 100 00   | 5 50                      | .....   | .....                                 |
| St. Martins and Quaco.....     | 14 May, 1874          | Joseph Carson.....        | 14 May, 1874         | 100 00   | 5 00                      | .....   | .....                                 |
| Shediac.....                   | 30 May, 1873          | Alexander McQueen.....    | 19 May, 1876         | 300 00   | 70 00                     | .....   | .....                                 |
| Shippegan.....                 | 30 May, 1873          | John De Grace.....        | 10 Aug., 1880        | 100 00   | 4 50                      | .....   | .....                                 |
| Tracadie.....                  | 7 May, 1874           | Vital Arceno.....         | 9 July, 1875         | 100 00   | 9 00                      | .....   | .....                                 |
| West Isles.....                | 4 Feb., 1879          | Thos. K. Parker.....      | 4 Feb., 1879         | 200 00   | No return.....            | .....   | .....                                 |

## PROVINCE OF NOVA SCOTIA.

|                  |                |                           |                |        |                |       |       |
|------------------|----------------|---------------------------|----------------|--------|----------------|-------|-------|
| Advocate.....    | 15 May, 1880   | Samuel Morris.....        | 10 May, 1880   | 100 00 | No return..... | ..... | ..... |
| Annapolis.....   | 12 Mar., 1875  | William Cummings.....     | 16 May, 1879   | 200 00 | 48 50          | ..... | ..... |
| Arichat.....     | 22 Apl., 1879  | Francis Marmeau.....      | 6 May, 1881    | 200 00 | 102 28         | ..... | ..... |
| Baddeck.....     | 23 Sept., 1875 | Stephen Atwater.....      | 15 Sept., 1875 | 100 00 | No return..... | ..... | ..... |
| Barrington.....  | 10 July, 1882  | Ephraim Newell.....       | 1 Apl., 1881   | 200 00 | 27 50          | ..... | ..... |
| Bayfield.....    | 11 July, 1879  | John McDonald.....        | 11 July, 1879  | 200 00 | 4 50           | ..... | ..... |
| Bear River.....  | 25 Sept., 1874 | William Fenwick Hennigar  | 22 Sept., 1874 | 100 00 | 36 00          | ..... | ..... |
| Beaver Harbour.. | 24 July, 1880  | Leonard Jewers, sen... .. | 5 July, 1880   | 100 00 | 3 50           | ..... | ..... |
| Big River... ..  | 9 June, 1883   | Donald McKenzie.....      | 28 May, 1883   | 100 00 | No return..... | ..... | ..... |

TABLE showing the names of Ports proclaimed under the Dominion Acts, &amp;c.—Continued.

## PROVINCE OF NOVA SCOTIA—Continued.

| Name of Ports.                        | Date of Proclamation.                | Name of Harbour Master.   | Date of Appointment. | Amount from the fees of office salary not to exceed. |      | Amount collected in 1884. |       | Amount of expenses incurred in repairing & placing buoys, &c. |       | Amount paid over to Receiver-General. |       |
|---------------------------------------|--------------------------------------|---------------------------|----------------------|--|------|---------------------------|-------|---|-------|---------------------------------------|-------|
|                                       |                                      |                           |                      | \$   | cts. | \$                        | cts.  | \$  | cts.  | \$                                    | cts.  |
| Bridgewater .....                     | 6 May, 1874                          | Joseph Robins Wyman.....  | 6 May, 1874          | 100  | 00   | 70                        | 00    | .....   | ..... | .....                                 | ..... |
| Bras d'Or, including New Campbelltown | 6 May, 1874                          | Francis Dunlap .....      | 6 May, 1874          | 200  | 00   | 2                         | 00    | .....   | ..... | .....                                 | ..... |
| Cape Canso.....                       | 6 June, 1876                         | William Walsh .....       | 6 June, 1876         | 100  | 00   | 35                        | 00    | .....   | ..... | .....                                 | ..... |
| Cape Negro.....                       | 18 May, 1881                         | A. D. Perry .....         | 18 May, 1881         | 200  | 00   | No return.....            | ..... | .....   | ..... | .....                                 | ..... |
| Chester .....                         | 8 Sept., 1883                        | Arch. Evans .....         | 4 Aug., 1883         | 100  | 00   | 11                        | 50    | .....   | ..... | .....                                 | ..... |
| Cueticamp .....                       | 20 Apr., 1876                        | Fulgence Ancoine.....     | 15 Apr., 1876        | 100  | 00   | No return.....            | ..... | .....   | ..... | .....                                 | ..... |
| Clarke's Harbor                       | 1 June, 1881                         | J. B. Brannen .....       | 1 June, 1881         | 200  | 00   | 29                        | 50    | .....   | ..... | .....                                 | ..... |
| Clementsport.....                     | 1 May, 1877                          | Thomas Tracey .....       | 1 May, 1877          | 100  | 00   | 14                        | 00    | .....   | ..... | .....                                 | ..... |
| County Line to Grand Nar'ws           | 9 June, 1883                         | Hugh Campbell .....       | 28 May, 1883         | 100  | 00   | 3                         | 00    | .....   | ..... | .....                                 | ..... |
| Cow Bay .....                         | 3 Mar., 1879                         | Hector McDonald.....      | 3 Mar., 1879         | 400  | 00   | 170                       | 00    | .....   | ..... | .....                                 | ..... |
| Digby .....                           | 19 Feb., 1878                        | James A. Hughes.....      | 19 Feb., 1878        | 300  | 00   | 41                        | 00    | .....   | ..... | .....                                 | ..... |
| East Bay .....                        | 25 Aug., 1883                        | Ronald Gillis.....        | 18 Aug., 1883        | 100  | 00   | Nil.                      | ..... | .....   | ..... | .....                                 | ..... |
| Gaberouse .....                       | 3 Mar., 1879                         | John Hardy .....          | 3 Mar., 1879         | 100  | 00   | 3                         | 00    | .....   | ..... | .....                                 | ..... |
| Glasgow and Cape Breton Pier.....     | 30 Oct., 1880                        | Angus McQuarrie .....     | 30 Oct., 1880        | 300  | 00   | 292                       | 00    | .....   | ..... | .....                                 | ..... |
| Greville .....                        | 13 Mar., 1880                        | James E. Hatfield.....    | 5 Mar., 1880         | 200  | 00   | No return .....           | ..... | .....   | ..... | .....                                 | ..... |
| Halifax .....                         | No proclamation required by Act..... | Edward O'Bryan.....       | 18 Mar., 1880        | 1800   | 00   | 1681                      | 50    | .....   | ..... | .....                                 | ..... |
| Hantsport .....                       | 27 June, 1884                        | Edward Davison.....       | 27 June, 1884        | 200  | 00   | 103                       | 50    | .....   | ..... | .....                                 | ..... |
| Ingonish, North Bay of .....          | 22 Mar., 1881                        | William Thompson.....     | 24 Mar., 1881        | 200  | 00   | Nil.                      | ..... | .....   | ..... | .....                                 | ..... |
| Ingonish, South Bay of.....           | 9 Oct., 1884                         | Thomas Donovan.....       | 9 Oct., 1884         | 100  | 00   | Nil.                      | ..... | .....   | ..... | .....                                 | ..... |
| International Harbour.....            | 30 Oct., 1880                        | Michael Neville.....      | 30 Oct., 1880        | 300  | 00   | 213                       | 50    | .....   | ..... | .....                                 | ..... |
| Jordan Bay .....                      | 25 Oct., 1876                        | Matthew Drips McKenzie... | 25 Oct., 1876        | 150  | 00   | 22                        | 50    | .....   | ..... | .....                                 | ..... |
| La Have .....                         | 12 Mar., 1875                        | George Henry Zwicker..... | 25 Feb., 1875        | 300  | 00   | 39                        | 00    | .....   | ..... | .....                                 | ..... |



TABLE showing the names of Ports proclaimed under the Dominion Acts,  
&c.—Continued.

## PROVINCE OF NOVA SCOTIA—Continued.

| Name of Port.   | Date of Proclamation. | Name of Harbour Master.       | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1884. | Amount of expenses incurred in repairing & placing buoys, &c. | Amount paid over to Receiver-General. |
|---|-----------------------|-------------------------------|----------------------|--|---------------------------|---|---------------------------------------|
|   |                       |                               |                      | \$ cts.  | \$ cts.                   | \$ cts.   | \$ cts.                               |
| L'Ardoise, Upper and Lower.....                           | 29 Aug., 1884         | George Burke .....            | 29 Aug., 1884        | 100 00   | Nil.                      | .....   | .....                                 |
| Lingan .....  | 12 July, 1881         | Thomas Laffin .....           | 12 July, 1881        | 200 00   | 53 50                     | .....   | .....                                 |
| Liscombe .....  | 18 May, 1881          | George Crooks.....            | 18 May, 1881         | 200 00   | Nil.                      | .....   | .....                                 |
| Little Glace Bay  | 3 Aug., 1874          | E. Douglas Rigby.....         | 8 May, 1884          | 200 00   | 164 50                    | .....   | .....                                 |
| Little Narrows & Cranberry Pt..                           | 9 June, 1883          | Norman Matheson .....         | 28 May, 1883         | 100 00   | 2 50                      | .....   | .....                                 |
| Liverpool .....   | 19 Jan., 1877         | Wm. A. Kenney .....           | 19 Jan., 1877        | 200 00   | 140 00                    | .....   | .....                                 |
| Lockeport .....   | 18 May, 1881          | E. A. Capstick .....          | 18 May, 1881         | 200 00   | 102 50                    | .....   | .....                                 |
| Louisburg .....   | 17 Mar., 1879         | Patrick O'Toole .....         | 17 Mar., 1879        | 200 00   | 26 00                     | .....   | .....                                 |
| Lunenburg.....  | 3 Dec., 1875          | William Henry Begg.....       | 3 Dec., 1875         | 150 00   | 91 50                     | .....   | .....                                 |
| Mabou.....  | 17 July, 1880         | Finlay Rankin.....            | 23 June, 1880        | 100 00   | 2 00                      | .....   | .....                                 |
| McNair's Cove..   | 12 Mar., 1875         | Ronald McEachen .....         | 8 Mar., 1875         | 150 00   | No return                 | .....   | .....                                 |
| Margaretville...  | 26 Mar., 1878         | Robert Earley .....           | 26 Mar., 1878        | 100 00   | No return                 | .....   | .....                                 |
| Margaret's Bay  | 16 July, 1875         | Francis Peter Boutillier .... | 9 July, 1875         | 100 00   | 32 50                     | .....   | .....                                 |
| Merigomish .....  | 26 Mar., 1878         | W. C. Olding.....             | 26 Mar., 1878        | 100 00   | 10 00                     | .....   | .....                                 |
| Meteghan River.   | 10 Feb., 1883         | Urbain Doucette.....          | 31 Jan., 1883        | 100 00   | 25 00                     | .....   | .....                                 |
| Mill's Harbour..  | 9 June, 1883          | A. Hayman .....               | 28 May, 1883         | 100 00   | No return                 | .....   | .....                                 |
| Musquodoboit ...  | 19 May, 1882          | David Williams. ....          | 19 May, 1882         | 100 00   | do                        | .....   | .....                                 |
| Neil's Harbour..  | 28 Apl., 1876         | Angus Buchanan .....          | 11 Apl., 1876        | 100 00   | do                        | .....   | .....                                 |
| New Haven.....  | 9 June, 1883          | Francis Payne.....            | 28 May, 1883         | 100 00   | Nil.                      | .....   | .....                                 |
| Northport .....   | 27 June, 1882         | John M. Burns.....            | 27 June, 1882        | 100 00   | 47 50                     | .....   | .....                                 |
| Northwest Cove, Coleman's Cove and Aspotogan Harbour..... | 29 Dec., 1876         | William Murphy .....          | 29 Dec., 1876        | 200 00   | No return                 | .....   | .....                                 |
| Parrsborough....  | 22 Oct., 1873         | Edward Walter Beaty.....      | 22 Oct., 1873        | 200 00   | 145 00                    | .....   | .....                                 |
| Petite Rivière ..   | 7 July, 1883          | Alex. D. Park .....           | 23 June, 1883        | 100 00   | Nil.                      | .....   | .....                                 |
| Plaster Harbour.  | 6 May, 1874           | Donald Fraser.....            | 6 May, 1874          | 200 00   | No return                 | .....   | .....                                 |
| Port George.....  | 1 May, 1877           | Chas. B. Weaver.....          | 1 May, 1877          | 150 00   | 6 00                      | .....   | .....                                 |
| Port Hawkesbury   | 16 July, 1875         | Daniel Henesey .....          | 9 July, 1875         | 200 00   | 136 00                    | .....   | .....                                 |

TABLE showing the names of Ports proclaimed under the Dominion Acts,  
&c.—Continued.

## PROVINCE OF NOVA SCOTIA—Continued.

| Name of Port.                         | Date of Proclamation. | Name of Harbour Master.    | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1884. | Amount of expenses incurred in repairing & placing buoys, &c. | Amount paid over to Receiver-General. |
|---------------------------------------|-----------------------|----------------------------|----------------------|--|---------------------------|---|---------------------------------------|
|                                       |                       |                            |                      | \$ cts.  | \$ cts.                   | \$ cts.   | \$ cts.                               |
| Port Hood.....                        | 16 July, 1875         | John Murphy, jun .....     | 9 July, 1875         | 200 00   | 3 50                      | .....   | .....                                 |
| Port LaTour.....                      | 14 Apl., 1881         | Wm. Nickerson.....         | 14 Apl., 1881        | 200 00   | 7 50                      | .....   | .....                                 |
| Port Mulgrave...                      | 8 Mar., 1876          | Duncan Gillis .....        | 23 Mar., 1883        | 200 00   | No return .....           | .....   | .....                                 |
| Port Medway....                       | 25 June, 1879         | John W. Hall .....         | 19 Apl., 1884        | 200 00   | do                        | .....   | .....                                 |
| Pubnico.....                          | 27 Sep., 1882         | D. Q. Amireau.....         | 27 Sept., 1882       | 100 00   | 32 00                     | .....   | .....                                 |
| Pugwash.....                          | 22 Oct., 1873         | A. A. Stevens.....         | 22 Oct., 1873        | 100 00   | 46 00                     | .....   | .....                                 |
| Ritcey's Cove....                     | 29 Sep., 1884         | Joseph Ritcey.....         | 29 Sept., 1884       | 100 00   | Nil                       | .....   | .....                                 |
| River John. ....                      | 26 Mar., 1878         | Henry Heighton.....        | 29 Oct., 1879        | 100 00   | No return.....            | .....   | .....                                 |
| St. Ann's, including Fucher Cove..... | 20 Apl., 1881         | Peter McLean.....          | 20 Apl., 1881        | 200 00   | 15 00                     | .....   | .....                                 |
| St. Mary's River.                     | 18 May, 1881          | Jas. G. Pride.....         | 18 May, 1881         | 200 00   | 13 50                     | .....   | .....                                 |
| St. Peters.....                       | 24 Jan., 1881         | Peter McNeill.....         | 17 Sept., 1883       | 200 00   | 70 00                     | .....   | .....                                 |
| Sambro.....                           | 27 Dec., 1879         | Joseph Martin.....         | 23 Dec., 1879        | 200 00   | 6 00                      | .....   | .....                                 |
| Sheet Harbour ...                     | 14 May, 1874          | Malcolm McFarlane.....     | 6 Dec., 1883         | 150 00   | 79 50                     | .....   | .....                                 |
| Shelburne .....                       | 27 Aug., 1877         | John A. McGowan, jun. .... | 22 Jan., 1880        | 200 00   | 87 50                     | .....   | .....                                 |
| Ship Harbour...                       | 2 June, 1884          | Conrad Marks.....          | 2 June, 1884         | 100 00   | 20 00                     | .....   | .....                                 |
| Smith's Mountain                      | 9 June, 1883          | James McGillot.....        | 28 May, 1883         | 100 00   | No return.....            | .....   | .....                                 |
| Tatamagouche...                       | 27 Feb., 1878         | Washington Irving.....     | 18 Aug., 1881        | 200 00   | 7 00                      | .....   | .....                                 |
| Tidnish.....                          | 5 July, 1882          | Charles Fields.....        | 30 June, 1884        | 100 00   | 8 00                      | .....   | .....                                 |
| Torbay & Whitehaven.....              | 18 May, 1881          | O. N. Feltmate.....        | 18 May, 1881         | 200 00   | 26 50                     | .....   | .....                                 |
| Tusket.....                           | 18 Mar., 1875         | Forman Hatfield.....       | 1 Mar., 1875         | 100 00   | 2 00                      | .....   | .....                                 |
| Victoria Pier, Sydney .....           | 25 July, 1884         | York H. Barrington .....   | 25 July, 1884        | 200 00   | 13 50                     | .....   | .....                                 |
| Wallace.....                          | 22 Oct., 1873         | John H. Macnab.....        | 26 July, 1882        | 100 00   | No return.....            | .....   | .....                                 |
| West Bay.....                         | 8 May, 1884           | John McInnes.....          | 8 May, 1884          | 100 00   | 0 50                      | .....   | .....                                 |
| Whycocmah.....                        | 29 Oct., 1875         | Neil McKinnon.....         | 8 Oct., 1875         | 100 00   | 4 50                      | .....   | .....                                 |
| Yarmouth .....                        | 18 Mar., 1875         | Ebenezer Scott.....        | 19 Oct., 1877        | 250 00   | 278 00                    | 29 90   | .....                                 |

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—Continued.

PROVINCE OF PRINCE EDWARD ISLAND.

| Name of Port.  | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees             | Amount collected in | Amount of expenses                         | Amount paid over to |
|--|-----------------------|-------------------------|----------------------|----------------------------------|---------------------|--|---------------------|
|  |                       |                         |                      | (if office salary not to exceed. | 1884.               | incurred in repairing & placing buoys, &c. | Receiver-General.   |
|  |                       |                         |                      | \$ cts.                          | \$ cts.             | \$ cts.                                    | \$ cts.             |
| Bay Fortune.....   | 10 Apl., 1875         | John B. Coffin.....     | 29 Apl., 1878        | 200 00                           | No return.....      | .....                                      | .....               |
| Cape Traverse ...  | 23 May, 1884          | Philip Irving .....     | 23 May, 1884         | 100 00                           | No return. ....     | .....                                      | .....               |
| Cardigan River, including Cardigan Bridge...                         | 2 July, 1878          | Hercules McDonald ..... | 2 July, 1878         | 200 00                           | No return.....      | .....                                      | .....               |
| Cardigan River, from head of river to north bank Mitchell River..... | 2 July, 1878          | Allan Campbell .....    | 14 June, 1883        | 200 00                           | No return.....      | .....                                      | .....               |
| Cascumpec.....   | 15 July, 1874         | George Wells.....       | 17 June, 1874        | 200 00                           | .....               | .....                                      | .....               |
| Cove Head.....   | 15 May, 1880          | Jas. D. McMillan.....   | 15 May, 1880         | 100 00                           | No return .....     | .....                                      | .....               |
| Charlottetown...   | 15 July, 1874         | David Small.....        | 17 June, 1874        | 400 00                           | 185 50              | .....                                      | .....               |
| Crapaud.....   | 15 July, 1874         | Wesley Myers.....       | 17 June, 1874        | 200 00                           | No return.....      | .....                                      | .....               |
| Egmont.....  | 15 July, 1874         | Alexander McArthur..... | 17 June, 1884        | 200 00                           | No return .....     | .....                                      | .....               |
| Georgetown ...   | 15 July, 1874         | John Haggart.....       | 22 Oct., 1877        | 200 00                           | 63 00               | .....                                      | .....               |
| Grand River.....   | 10 Apr., 1875         | Ronald S. McDonald..... | 10 Apr., 1875        | 200 00                           | 1 50                | .....                                      | .....               |
| Grand River, down to and including Poplar Point and Chapel Wharf.    | 10 Apr., 1875         | John McMullen.....      | 16 May, 1879         | 200 00                           | No return .....     | .....                                      | .....               |
| Hillsborough.....  | 24 Mar., 1881         | John Kelly.....         | 24 Mar., 1881        | 200 00                           | No return .....     | .....                                      | .....               |
| Malpeque.....  | 10 July, 1874         | Edward Larkins.....     | 15 Aug., 1884        | 200 00                           | No return .....     | .....                                      | .....               |
| Miminegash.....  | 17 Apr., 1880         | Richard McElroy.....    | 12 Apr., 1880        | 100 00                           | No return .....     | .....                                      | .....               |
| Montague Bridge  | 15 July, 1874         | Daniel C. Campbell..... | 17 June, 1874        | 200 00                           | 9 50                | .....                                      | .....               |
| Murray Harbour.  | 15 July, 1874         | William Miller.....     | 17 June, 1874        | 200 00                           | 8 50                | .....                                      | .....               |
| Murray River....   | 16 May, 1879          | Hugh McKay.....         | 8 May, 1884          | 200 00                           | No return .....     | .....                                      | .....               |
| New London.....  | 15 July, 1874         | George Mackenzie.....   | 17 June, 1874        | 200 00                           | No return.....      | .....                                      | .....               |
| North Pinette....  | 15 July, 1874         | Neil McLeod.....        | 17 June, 1874        | 200 00                           | No return.....      | .....                                      | .....               |
| Port Hill.....   | 15 July, 1874         | James Ellis.....        | 17 June, 1874        | 200 00                           | 2 00                | .....                                      | .....               |
| Pownal.....  | 10 July, 1879         | A. A. Moore.....        | 10 July, 1879        | 100 00                           | 1 50                | .....                                      | .....               |
| Rolle Bay.....   | 10 Apr., 1875         | Charles Deagle.....     | 10 Apr., 1875        | 200 00                           | No return .....     | .....                                      | .....               |

TABLE showing the names of Ports proclaimed under the Dominion Acts,  
&c.—Continued.

## PROVINCE OF PRINCE EDWARD ISLAND—Concluded.

| Name of Port.                | Date of Proclamation. | Name of Harbour Master. | Date of Appointment. | Amount from the fees of office salary not to exceed. | Amount collected in 1884. | Amount of expenses incurred in repairing & placing buoys, &c. | Amount paid over to Receiver-General. |
|------------------------------|-----------------------|-------------------------|----------------------|--|---------------------------|---|---------------------------------------|
|                              |                       |                         |                      | \$ cts.  | \$ cts.                   | \$ cts.   | \$ cts.                               |
| Rustico .....                | 17 May, 1875          | Geo. W. McKay .....     | 12 Apr., 1881        | 200 00   | 5 50                      | .....   | .....                                 |
| St. Peter's Bay..            | 10 Apr., 1875         | George Anderson .....   | 7 Dec., 1878         | 200 00   | No return .               | .....   | .....                                 |
| Souris East and West.. ..... | 10 Apr., 1875         | John McCormack .....    | 25 Apr., 1879        | 200 00   | 32 50                     | .....   | .....                                 |
| Summerside.....              | 15 July, 1874         | Ronald Campbell.....    | 17 June, 1874        | 200 00   | No return.....            | .....   | .....                                 |
| Tracadie.....                | 17 May, 1875          | Donald Campbell.....    | 31 Jan., 1881        | 200 00   | No return.....            | .....   | .....                                 |
| Tryon .....                  | 12 Apr., 1877         | Alexander Howatt.....   | 12 Apr., 1877        | 200 00   | No return .....           | .....   | .....                                 |
| Vernon River Bridge. ....    | 19 May, 1874          | John Finlay .....       | 9 Oct., 1884         | 200 00   | 0 50                      | .....   | .....                                 |
| West River.....              | 17 May, 1875          | Vacant.....             | .....                | .....  | .....                     | .....   | .....                                 |

## PROVINCE OF BRITISH COLUMBIA.

|                              |               |                      |               |        |                 |       |       |
|------------------------------|---------------|----------------------|---------------|--------|-----------------|-------|-------|
| Burrard Inlet....            | 4 Dec., 1876  | Isaac Johns .....    | 4 Dec., 1876  | 400 00 | 256 50          | ..... | ..... |
| Nanaimo .....                | 10 Apr., 1875 | E. Quenneil.....     | 24 Oct., 1884 | 500 00 | 478 50          | ..... | ..... |
| New Westminster              | 23 Jan., 1880 | G. Pettendreigh..... | 12 July, 1881 | 400 00 | 68 50           | ..... | ..... |
| Quadra.....                  | 17 Apr., 1877 | John Kenny .....     | 17 Apr., 1877 | 300 00 | No return ..... | ..... | ..... |
| Victoria and Esquimalt. .... | 20 Mar., 1875 | W. R. Clarke .....   | 23 Mar., 1881 | 600 00 | 302 00          | ..... | ..... |

WM. SMITH,  
Deputy Minister of Marine, &c.

OTTAWA, 1st January, 1885.

## APPENDIX No. 15.

REPORT OF THE PILOTAGE AUTHORITY OF MONTREAL, FOR THE  
CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

MONTREAL, 19th January, 1885.

W.M. SMITH, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honor to submit herewith, for the information of the Honourable the Minister of Marine and Fisheries, the Annual Report of the Pilotage District of Montreal, for the year ended 31st December, 1884.

There was no increase in the number of apprentices during the year.

The following apprentice pilots having passed successful examinations in March, 1883, received their branches as pilots on 20th February, 1884, in accordance with the harbour by-laws regarding pilotage, viz. :—

Nestor Arcand, John Naud and Joseph Dussault.

There were no deaths among the pilots on the active list, but the following superannuated pilots died during the year, viz. :—F. A. Mayrand, aged 66 years, on 6th January, 1884; Edward Naud, aged 43 years, who had become insane and been placed on the pension list, died on 15th April, 1884, and P. M. Mathieu, aged 66 years, on 10th December, 1884.

The following is a list, giving the name and age, of each Pilot acting in this District under the authority of this Trust, with the earnings of each for the Season of 1884.

| No. | Name.                    | Age. | Earnings. |      | Remarks.                   |
|-----|--------------------------|------|-----------|------|----------------------------|
|     |                          |      | \$        | cts. |                            |
| 1   | Léveillé, Joseph .....   | 67   |           |      | Superintendent of Pilots.  |
| 2   | Bouillé, Zephyrin .....  | 56   | 1,254     | 76   |                            |
| 3   | Bélisle, Cyrille .....   | 57   | 486       | 77   |                            |
| 4   | Lisé, Adolphe .....      | 55   | 262       | 73   |                            |
| 5   | Raymond, George .....    | 55   | 713       | 95   |                            |
| 6   | Naud, Augustin .....     | 58   | 1,721     | 22   |                            |
| 7   | Bélisle, Hubert, A. .... | 54   | 630       | 48   |                            |
| 8   | Dufresne, Athanase ..... | 51   | 919       | 77   |                            |
| 9   | Dorval, J. B. ....       | 53   | 225       | 66   |                            |
| 10  | Bouillé, Louis N. ....   | 58   | 1,000     | 00   | Pilot, steamer "Montreal." |
| 11  | Gagnon, Pierre .....     | 57   | 1,069     | 00   |                            |
| 12  | Bélisle, George .....    | 45   | 542       | 23   |                            |
| 13  | Naud, Onésime .....      | 44   | 1,191     | 49   |                            |
| 14  | Hamelin, J. Octave ..... | 51   | 872       | 88   |                            |
| 15  | Chandonnet, Joseph ..... | 44   | 1,704     | 33   |                            |
| 16  | Bouillé, Louis A. ....   | 45   | 1,186     | 00   |                            |
| 17  | Boudet, Prudent .....    | 43   | 1,306     | 31   |                            |
| 18  | Bélisle, Elzéar .....    | 50   | 508       | 91   |                            |
| 19  | Pleau, Joseph .....      | 47   | 943       | 95   |                            |
| 20  | Brunet, Célestin .....   | 42   | 1,361     | 97   |                            |
| 21  | Bélisle, Louis .....     | 39   | 1,682     | 87   | Suspended.                 |
| 22  | Caen, Damase .....       | 44   | 245       | 25   |                            |
|     | Carried forward .....    |      | 19,830    | 51   |                            |

Name and age of each Pilot in this district, &c.—Continued.

| No. | Name.                     | Age. | Earnings. | Remarks. |
|-----|---------------------------|------|-----------|----------|
|     |                           |      | \$ cts.   |          |
|     | Brought forward.....      |      | 19,830 51 |          |
| 23  | Groleau, Ulric.....       | 37   | 531 15    |          |
| 24  | Frenette, Alfred.....     | 45   | 686 79    |          |
| 25  | St. Armand, Alfred.....   | 41   | 866 35    |          |
| 26  | Bélangier, Phillipe.....  | 46   | 1,106 21  |          |
| 27  | Gagnon, Victor.....       | 46   | 598 50    |          |
| 28  | Perrault, Narcisse.....   | 47   | 1,134 06  |          |
| 29  | Toupin, Treflé.....       | 37   | 770 36    |          |
| 30  | Auger, Cleophas.....      | 38   | 1,204 95  |          |
| 31  | Desjardy, François.....   | 40   | 447 05    |          |
| 32  | LaBranche, Ferdinand..... | 39   | 1,188 09  |          |
| 33  | Perrault, David.....      | 43   | 1,418 56  |          |
| 34  | Gauthier, Alexis.....     | 38   | 1,175 81  |          |
| 35  | Bouillé, Louis Z.....     | 36   | 1,167 08  |          |
| 36  | Toupin, Joseph.....       | 35   | 916 75    |          |
| 37  | Gauthier, Laurent.....    | 35   | 1,237 20  |          |
| 38  | Arcand, Jean.....         | 32   | 780 18    |          |
| 39  | Nault, Deloivoie.....     | 33   | 927 21    |          |
| 40  | Gauthier, Wilbrod.....    | 33   | 1,042 47  |          |
| 41  | Mayrand, Louis.....       | 37   | 419 11    |          |
| 42  | Dufresne, George.....     | 36   | 219 66    |          |
| 43  | Arcand, Norbert.....      | 32   | 837 86    |          |
| 44  | Toupin, Uldoric.....      | 30   | 618 24    |          |
| 45  | Bouillé, Tanerede.....    | 31   | 609 12    |          |
| 46  | Arcand, Nestor.....       | 29   | 549 96    |          |
| 47  | Naud, John.....           | 28   | 681 56    |          |
| 48  | Dussault, Joseph.....     | 29   | 584 79    |          |
|     |                           |      | 41,549 58 |          |

The foregoing amount was received from the following sources, viz. :—

*British.*

|                      |             |             |
|----------------------|-------------|-------------|
| Steamers.....        | \$32,904 99 |             |
| Sailing vessels..... | 5,903 12    |             |
|                      |             | \$38,808 11 |

*Foreign.*

|                      |            |             |
|----------------------|------------|-------------|
| Steamers.....        | \$1,003 60 |             |
| Sailing vessels..... | 1,737 87   |             |
|                      |            | 2,741 47    |
|                      |            | \$41,549 58 |

The following list shows the name and age of each Apprentice Pilot serving his time under the authority of this Trust :—

| No. | Name.                   | Age. | Residence.                             |
|-----|-------------------------|------|--|
| 1   | Alphonse Cossette ..... | 36   | Champlain.                             |
| 2   | Gédéon Groleau .....    | 32   | Grondines.                             |
| 3   | Néré Bélisle .....      | 32   | Deschambault.                          |
| 4   | Hubert Perrault .....   | 35   | Montreal.                              |
| 5   | Audilon Portelance..... | 31   | Grondines.                             |
| 6   | Leboire Perrault .....  | 35   | Deschambault.                          |
| 7   | Joseph Hurteau.....     | 24   | Contrecoeur.                           |
| 8   | Wilfred Raymond.....    | 30   | Deschambault.                          |
| 9   | Adolphe Richard .....   | 36   | Contrecoeur.                           |
| 10  | Joseph Langlois .....   | 29   | Pointe aux Trembles ( <i>en bas</i> ). |
| 11  | Edouard Perrault.....   | 34   | Deschambault.                          |
| 12  | Lydoric Bouillé.....    | 27   | do                                     |
| 13  | Elie Bouillé .....      | 25   | do                                     |
| 14  | N. Edson Angers .....   | 34   | do                                     |
| 15  | Honoré Dusseau .....    | 31   | do                                     |
| 16  | Narcisse Paquet .....   | 30   | do                                     |
| 17  | J. B. Nadeau.....       | 26   | Lévis.                                 |
| 18  | Arthur Brière .....     | 27   | Portneuf.                              |
| 19  | Aubert Naud .....       | 30   | Deschambault.                          |
| 20  | J. S. Labranche .....   | 28   | Portneuf.                              |
| 21  | Alexis Perrault.....    | 22   | Deschambault.                          |

It is satisfactory to be able to state that only two accidents to vessels occurred during the season, into the causes of which it was deemed necessary to hold investigations.

On the 21st October, the ss. "Lake Huron," belonging to the Beaver Line of steamships, while on her way up from Quebec, in charge of Pilot Joseph Chandonnet, grounded at Pointe aux Trembles (*en haut*). She was floated after a short detention, without having sustained any apparent damage.

After hearing the evidence in the case the Commissioners decided that the pilot was not to blame in the matter.

On the following day the ss. "Lake Champlain," of the same line of steamships, while on her way from Montreal to Quebec, in charge of Pilot Louis Bélisle, grounded in the Lavaltrie channel. The vessel was obliged to discharge several hundred tons of her cargo, and was floated on the 26th October, and proceeded to Quebec. She sustained no serious damage.

At the investigation, the pilot admitted that he had made a mistake and had taken the wrong channel. In view of this admission of the pilot, and in consideration of the previous satisfactory performance of his duties, extending over a number of years, the Commissioners decided to suspend him until the 1st July, 1885.

The following is the Tariff of Pilotage now in force in the Pilotage District of Montreal, viz. :—

| Quebec to Montreal, or <i>vice versa</i> .  | Upwards.     | Downwards.   |
|---|--------------|--------------|
| Pilotage of vessels in tow of steamers, for each foot of draft of water .....   | \$ cts. 2 00 | \$ cts. 2 00 |
| do propelled by steam do do .....   | 2 50         | 2 50         |
| do under sail do do .....   | 4 20         | 2 80         |
| Moving a vessel from one wharf to another in the harbour of Montreal, or from foot of the current St. Mary into the harbour ..... | 5 00         | 5 00         |

The amount received by the Commissioners, as the Pilotage Authorities for this District, was as follows :—

|  |                   |
|--|-------------------|
| For Poundage, 5 per cent. on the earnings of pilots..... | \$2,077 48        |
| Sundry poundage from Three Rivers, for 1883.....         | 66 71             |
| Sundry poundage.....                                     | 5 05              |
| Interest on investments.....                             | 1,905 00          |
|  | <u>\$4,054 24</u> |

|   |                   |
|---|-------------------|
| The disbursements for pensions to old and infirm pilots<br>and widows of pilots were..... | <u>\$3,131 61</u> |
|---|-------------------|

I have the honour to be, Sir,

Your most obedient servant,

H. D. WHITNEY,

*Secretary.*



## APPENDIX No. 16.

REPORT OF THE PILOTAGE AUTHORITY OF QUEBEC FOR THE CAL-  
ENDAR YEAR ENDED 31st DECEMBER, 1884.

QUEBEC, 9th January, 1885.

To the Honorable A. W. McLELAN,  
Minister of Marine and Fisheries, &c., &c., &c.,  
Ottawa.

SIR,—In compliance with the requirements of section 24 of the "Pilotage Act, 1873," 36 Victoria, chapter 54, I have the honor to submit the following Report of the Quebec Harbour Commissioners, as Pilotage Authority, for the year, 1884:—

This year's operations have commenced the 22nd April by the departure of nine pilots, who were sent, through the Intercolonial Railway, for the purpose of boarding the pilot schooner No. 4, which had been placed in a winter berth on the first station. On the 3rd of May following the schooner No. 5 left with twenty-six pilots, and was followed, on the 7th of same month, by schooner No. 1, with thirty pilots. On the 9th twenty-two pilots were despatched by railway to Rivière du Loup station, and on the 10th forty-three were sent to the same station by the same way.

The service of supplying with pilots the various stations during the season has been, as formerly, performed with satisfaction through the Intercolonial Railway and the pilot schooners.

## OLD PILOTS.

The examination of the old pilots under the 36th Section of the "Pilotage Act, 1873," took place on the 2nd day of May. Thirty-six old pilots having attained the age of 65 and over, appeared on that day before the Commissioners, and were all examined, with the view of establishing whether they could be kept on the active list for another year. With the exception of one, Maurice Pepin dit Lachance, of the age of 70, they were all considered fit to be continued in the exercise of their duties, and a new license, for one year, was consequently granted to each of them.

## PILOTS SUPERANNUATED.

Five old pilots have been placed on the pension list during the year. They are respectively named as follows: François Vézina, Jean Audet dit Lapointe, Maurice Pepin dit Lachance, Hilaire Jovin and Pierre Pepin. The three first had attained the age of 70, the fourth 68 and the fifth 69.

## TRIALS.

Five pilots have been tried during the season on complaints lodged by ship masters.

One of the annexures accompanying the present Report contains all the particulars as to the nature of the complaint and the result of the trial in each case.

The Pilotage Authority are happy to state that no complaints have been lodged this year, by the Corporation of Pilots, against pilots for infringement of their regulations.

## DEATHS.

Two deaths have occurred this year among the pilots. The deceased names were Edouard Marcoux and Barthélemi Lachance. The first had attained the age of 76 and had been on the active list for the space of fifty years, and the other had attained his 63rd year, and had completed his 41st year of service at the time of his death.

## APPRENTICE PILOTS.

Eight apprentices, after undergoing the examination required by law, have been admitted to practise as pilots.

Sixteen apprentices remain on the list, who are entitled to undergo their examination at the expiration of their apprenticeship, under the section 8 of the 45th Victoria, chapter 32, which provides for the reduction of the number of pilots. The two apprentices formerly reported as absent have not yet made their appearance, and it is more than probable that they will never return. The number of apprentices under this statute may consequently be considered as reduced to fourteen. Four of them will have completed their time in 1887, and the ten others in 1888.

The Board of Corporation of Pilots have, on the 9th January, addressed a copy of a resolution adopted by them, requesting the Pilotage Authority to cause the law regarding the apprentice pilots to be amended, so that they will be compelled, for the future, to effect only two voyages to and from Europe, instead of four they are now obliged to make.

This request was referred to a Committee of the Whole of the Pilotage Authority. After a very careful consideration of same, the committee transmitted their report, which was unanimously adopted, and which resulted in the adoption of the following resolution:—

“That the Honorable the Minister of Marine and Fisheries be respectfully requested to cause the section 21 of the 12th Victoria, chapter 114, to be amended so that, for the future, the apprentice pilots will have the option of making two or four voyages to and from Europe or to and from any other ports of the world, from and back to Quebec, of an equal or more distance by sea, and not less; but in case each or any of them would choose to make only two voyages, he be compelled to make them in sailing vessels, both outwards and inwards, from and back to Quebec, and to produce a mate's certificate before undergoing his examination to be admitted as pilot. It being understood that all the restrictions regarding the voyages the apprentices are compelled to make, specified in the section 20 of the by-laws of the Trinity House, in force since the 1st April, 1871, be maintained, inasmuch as same have been enacted to constrain the apprentices to qualify themselves as mariners.”

On the 29th January a communication embodying the foregoing resolution was most respectfully submitted to you, and subsequently a letter was received from your Department, in which it was stated that it would not be advisable to propose any alterations to the law at that time. The Commissioners hope that, when you will be satisfied that it is desirable to amend the 12th Victoria, chapter 114 and the 36th Victoria, chapter 54, you will consider favorably their request, as also the various amendments to the last mentioned statute already recommended by them.

SURVEY OF THE NORTH AND SOUTH CHANNELS OF THE ST. LAWRENCE BY THE  
APPRENTICE PILOTS.

The most important question of reviving the old practice of sending the apprentice pilots on a survey of the north and south channels of the St. Lawrence, within the pilotage limits, has been *de novo* under consideration this year, and it was decided to make a new attempt, with the view of obtaining the revival of the practice in question.

A copy of the Harbour Master's report on the subject, dated the 11th June, 1878, the same which was annexed to the report to your Department for same year, was

addressed to you, with a respectful request to give your consent to the reviving of said practice, by placing, for that purpose, at the disposal of the Pilotage Authority, one of the Government steamers, at any time of the season when one of them had no work to perform.

The answer received was that it would interfere with the business of the Department to detach a steamer for the purpose referred to, and it was suggested, in the same answer, that one of the schooners belonging to the Corporation of Pilots might be used for that purpose.

The Commissioners are unable to put into effect the suggestion of using one of the pilot schooners for the purpose required, inasmuch as it is impossible to detach a single schooner from the stations, where they have to remain all the season. The process of using a sailing vessel for such a survey would be very slow, and would entail a great loss of time to the officers, who would be obliged to accompany the apprentices, without taking into account the expenses which would have necessarily to be borne by the Corporation of Pilots, the Pilotage Authority having no funds to affect towards such an expenditure.

The Commissioners are therefore convinced that, owing to the great importance of the subject, the Government will reconsider their decision, with the view of placing for the future at the disposal of the Pilotage Authority, for that purpose, one of their steamers, at any time of the season when one of them has no work to perform

#### COMPLAINTS OF DETENTION OWING TO WANT OF PILOTS.

During July two complaints of detention of vessels at Bic, owing to want of pilots, have been laid before your Department by the firm, Messrs. Anderson, McKenzie & Co., of Montreal, and referred to the Pilotage Authority for report; the first was made on behalf of Captain Kitchim, master of the "James Kitchim," and the other on behalf of Captain Barnard, master of the "Premier McKenzie."

Subsequently the same firm addressed to your Department a communication, which also was referred to the Pilotage Authority, in which, adverting to the two previous complaints, it was represented that one pilot schooner in the vicinity of Bic was not sufficient to meet the requirements of shipping, and that four schooners should be cruising about in that locality, waiting for incoming vessels, and to receive pilots from outgoing vessels.

These matters have been most thoroughly investigated by the Commissioners, and it has been established to their satisfaction that the two first complaints were entirely unfounded.

With reference to the last complaint, although of opinion that three schooners, instead of two at the Bic station, would be more effective when there is a rush of incoming vessels, which, during the last eight years, has not happened more than ten times, the Commissioners are satisfied that the five schooners engaged in the service of the stations are quite sufficient to meet the requirements of the shipping.

There is no doubt that a proper look-out, on their arrival at the Bic station, would lead, without trouble, the ship masters to the nearest pilot schooner on duty.

#### DIRECTORS OF THE CORPORATION OF PILOTS.

At their last annual meeting, held the 10th December, the pilots have elected as directors to their corporation, for the ensuing year, Messrs. Nestor Lachance, Auguste Couillard Després, Cyprien Langlois, Laurent Godbut, Arbel Bernier and Onézime Noël, and at a meeting of the newly elected directors, held on the following day, Mr. Nestor Lachance was elected president.

The accompanying annexures contain all the information yearly furnished to your Department by the Commissioners in their capacity of Pilotage Authority.

I have the honor to be, Sir,

Your obedient servant,

A. H. VERRET,  
Secretary Treasurer.

**QUEBEC HARBOUR COMMISSION.**

*(Annexed to the Quebec Harbour Commissioner's Report as Pilotage Authority for the year 1884.)*

**STATEMENT of Trials** held during the year 1884, before the Quebec Harbour Commissioners, under the authority of the Pilotage Act of 1873, 36 Vic., chap. 54.

| Names of Pilots tried. | Nature of Complaints.   | Dates of Trials.       | Result.  |
|------------------------|---|------------------------|--|
| Alfred Larochelle...   | For having, on the 10th June, collided the ss. "Lake Champlain" with the Grand Trunk wharf at South Quebec.   | 16th June....          | The complaint was dismissed, on the ground that there was no case against the pilot.   |
| Chas. F. Brown....     | For having, on the 11th June, collided the ss. "Delhi" with Davie's dock, at Levis.                           | 30th June....          | Found guilty, and suspended for the space of 20 days.  |
| Pierre Lemieux....     | For having, on the 11th July, ran ashore, inside of Burstall's wharf, at South Quebec, the barque "Cavalier." | 21st July....          | Acquitted on the ground that the evidence had established that the pilot was not guilty of the charge lodged against him.  |
| Pierre Pepin.....      | For having, on the 13th July, ran ashore, on the N.E. reef of Green Island, the ss. "River Ettrick."          | 24th July....          | The pilot has pleaded guilty and has been suspended for the remainder of the season of navigation, with the understanding that he will be superannuated at the expiration of his suspension. |
| Narcisse Forgues...    | For having, on the 21st August, ran ashore, at or near St. Fabien, the barque "Electric."                     | 4th and 8th September. | Found guilty, and suspended till the 31st day of December.   |

Certified,

A. H. VERRET,  
*Secretary Treasurer.*

**HARBOUR COMMISSIONERS' OFFICE,**  
QUEBEC, 9th January, 1885.

## APPENDIX No. 17.

REPORT OF THE PILOTAGE AUTHORITY OF ST. JOHN, N.B., FOR THE  
CALENDAR YEAR ENDED 31st DECEMBER, 1884.OFFICE OF PILOT COMMISSIONERS,  
DISTRICT OF ST. JOHN, N.B., 7th January, 1885.To Wm. SMITH, Esq.,  
Deputy Minister of Marine, &c.,  
Ottawa.SIR,—Find herewith the returns of vessels entering our harbour, subject to  
pilotage, for the year 1884.Also, list of pilots licensed for the year, list of pilotage charges and rates of  
transportings.

Amounts received and expenditure during the year.

Your most obedient servant,

J. U. THOMAS,  
Secretary-Treasurer.

## RATES OF PILOTAGE, PORT OF ST. JOHN, N.B., 1884.

*Sailing Vessels.*

|                                 |        |                          |
|---------------------------------|--------|--------------------------|
| Inward :—1st District.....      | \$1.00 | per foot draft of water. |
| 2nd do .....                    | 1.25   | do                       |
| 3rd do .....                    | 1.50   | do                       |
| 4th do .....                    | 1.75   | do                       |
| 5th do .....                    | 2.25   | do                       |
| Outward :—1st District .....    | 1.25   | do                       |
| Down the Bay when required..... | 2.00   | do                       |

*Steamers.*

|                                  |        |                          |
|----------------------------------|--------|--------------------------|
| Inward :—1st District.....       | \$1.25 | per foot draft of water. |
| 2nd do .....                     | 1.60   | do                       |
| 3rd do .....                     | 2.00   | do                       |
| 4th do .....                     | 2.20   | do                       |
| 5th do .....                     | 2.80   | do                       |
| Outward :—1st District .....     | 1.60   | do                       |
| Down the Bay when required ..... | 2.50   | do                       |

## RATES OF TRANSPORTINGS, 1884.

*Sailing Vessels.*

|  |     |    |
|--|-----|----|
| Under 100 tons.....  | \$1 | 50 |
| Over 100 and under 200 tons .....  | 2   | 00 |
| do 200 do 300 do .....   | 3   | 00 |
| do 300 do 400 do .....   | 4   | 00 |
| 25 cents additional for every 50 tons such vessel may measure over 400 tons. |     |    |

*Steamers.*

|                                   |        |
|-----------------------------------|--------|
| Under 100 tons.....               | \$2 00 |
| Over 100 and under 200 tons ..... | 2 50   |
| do 200 do 300 do .....            | 3 75   |
| do 300 do 400 do .....            | 5 00   |

30 cents additional for every 50 tons such steamer shall measure over 400 tons.

PILOTS Licensed for the year 1884.

| Name.                    | Age. | Residence.     | Name.                    | Age. | Residence.     |
|--------------------------|------|----------------|--------------------------|------|----------------|
| Patrick Traynor.....     | 58   | St. John, N.B. | Henry Thomas.....        | 53   | St. John, N.B. |
| Bartholomew Rogers ..... | 27   | do             | William Millar.....      | 33   | do             |
| Samuel Rutherford.....   | 52   | do             | James S. Spears.....     | 39   | do             |
| Charles Daley.....       | 48   | do             | Edward J. Fletcher.....  | 57   | do             |
| John Spears, 3rd.....    | 35   | do             | Richard Oline.....       | 59   | do             |
| Alfred Cline.....        | 27   | do             | James McPartlan.....     | 50   | do             |
| John Sproul.....         | 48   | do             | John Scott.....          | 67   | do             |
| Joseph Doherty.....      | 38   | do             | William Quinn.....       | 27   | do             |
| James E. Mantell.....    | 33   | do             | James Murry.....         | 43   | do             |
| Henry Spears.....        | 38   | do             | Martin Spears.....       | 27   | do             |
| James Reid.....          | 38   | do             | James Bennett.....       | 27   | do             |
| William Scott.....       | 28   | do             | John L. O. Sherward..... | 50   | do             |
| William Leha.....        | 55   | do             | Thomas Traynor.....      | 31   | do             |
| John Thomas.....         | 26   | do             | Philip G. Doody.....     | 44   | do             |
| Geo. P. Mulhern.....     | 36   | do             | James Cassiley.....      | 27   | do             |
| Patrick Conlin.....      | 34   | do             | Richard Scott.....       | 33   | do             |
| Thos. J. Stone.....      | 31   | do             | John McAnulty.....       | 46   | Musquash.      |
| Robert Thomas.....       | 43   | do             | John Spears, 2d.....     | 37   | St. John, N.B. |
| James Doyle.....         | 47   | do             |                          |      |                |

RECEIPTS and Expenditure for the year ending this day.

*Receipts.*

|  |            |                   |
|--|------------|-------------------|
| Licenses of 37 pilots.....                                   | \$185 00   |                   |
| do 6 boats.....  | 60 00      |                   |
|  |            | \$ 245 00         |
| 25 cents per foot on outward pilotage, Port of St. John..... | \$1,884 64 |                   |
| 25 cents per foot on outward pilotage, Port Musquash.....    | 17 38      |                   |
|  |            | 1,902 02          |
| Pilotage collected on vessels not paid pilots:—              |            |                   |
| Schooner "Union".....  | \$23 63    |                   |
| do "Almeda".....   | 24 50      |                   |
| "N. J. Densmore".....  | 17 37      |                   |
| "J. C. Nash".....  | 1 50       |                   |
|  |            | 67 00             |
|  |            | <u>\$2,214 02</u> |

*Expenditure.*

|   |          |                  |
|---|----------|------------------|
| Pensions to 3 pilots.....               | \$420 00 |                  |
| do 6 widows and children.....           | 512 00   |                  |
| Assistance, 1 pilot.....                | 50 00    |                  |
| Auditors' fees.....                     | 25 00    |                  |
| J. & A. McMillan, account printing..... | 23 75    |                  |
| Secretary and Treasurer.....            | 800 00   |                  |
| Rent, fuel, stationery, &c.....         | 200 00   |                  |
|   |          | 2,030 75         |
| Balance.....                            |          | <u>\$ 183 27</u> |

J. U. THOMAS,  
*Secretary-Treasurer.*

RETURNS of Vessels Piloted into and out of this District, for year ending 31st December, 1884:—

|                |                            |             |
|----------------|----------------------------|-------------|
| Ships.....     | 26                         |             |
| Barks.....     | 125                        |             |
| Brigs.....     | 76                         |             |
| Schooners..... | 266                        |             |
| Steamers.....  | 56                         |             |
| Total.....     | 549                        |             |
|                | Gross amount received..... | \$24,181 09 |

*British.*

|                |                             |           |
|----------------|-----------------------------|-----------|
| Ships.....     | 25                          |           |
| Barks.....     | 99                          |           |
| Brigs.....     | 71                          |           |
| Schooners..... | 99                          |           |
| Steamers.....  | 40                          |           |
| Total.....     | 334                         |           |
|                | Gross amount received... .. | 16,085 26 |

*Foreign.*

|                |                            |          |
|----------------|----------------------------|----------|
| Ships.....     | 1                          |          |
| Barks.....     | 26                         |          |
| Brigs.....     | 5                          |          |
| Schooners..... | 167                        |          |
| Steamers.....  | 16                         |          |
| Total.....     | 215                        |          |
|                | Gross amount received..... | 8,095 83 |

J. U. THOMAS,  
*Secretary-Treasurer.*

APPENDIX No. 18.

REPORT OF THE PILOTAGE AUTHORITY OF BATHURST, N.B., FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

STATEMENT of number of Vessels brought from and taken to Sea by each Pilot, and amount of Fees collected, Season of 1884.

| Pilots' Names.       | British Vessels Inward. |              | British Vessels Outward. |              | Foreign Vessels Inward. |              | Foreign Vessels Outward. |              | Total amount Fees. | Total Vessels. | Remarks.  |
|----------------------|-------------------------|--------------|--------------------------|--------------|-------------------------|--------------|--------------------------|--------------|--------------------|----------------|-----------|
|                      | No.                     | Amount Fees. | No.                      | Amount Fees. | No.                     | Amount Fees. | No.                      | Amount Fees. |                    |                |           |
| Timothy Daly .....   |                         | \$ cts.      |                          | \$ cts.      |                         | \$ cts.      |                          | \$ cts.      | \$                 |                |           |
| Wm. H. Daly .....    | 2                       | 33 00        | 3                        | 47 00        | 24                      | 370 00       | 26                       | 489 60       | 939                | 29             | Partners. |
| Michael Daly .....   |                         |              |                          |              |                         |              |                          |              |                    |                |           |
| Fred. Ronalds .....  |                         |              |                          |              |                         |              |                          |              |                    |                |           |
| Fabien Hachey .....  | 3                       | 44 60        | 3                        | 47 00        | 9                       | 125 10       | 9                        | 170 60       | 387                | 12             | Partners. |
| Nazaire Hachey ..... | 5                       | 77 60        | 6                        | 94 00        | 33                      | 495 10       | 35                       | 660 20       | 1,326              | 41             |           |

EDWARD HICKSON,  
Secretary.



## APPENDIX No. 19.

REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF  
BUCTOUCHE, N. B., FOR THE CALENDAR YEAR ENDED THE 31st  
DECEMBER, 1884.

BUCTOUCHE, N. B., 8th January, 1885.

To Wm. SMITH, Esq.,  
Deputy Minister of Marine and Fisheries,  
Ottawa.

SIR,— As required by the provisions of the 24th section of the Act 36 Vic., chap. 54, respecting pilotage, I herewith transmit to you the pilotage returns for the District of Buctouche for the year ending 31st December, 1884, and which I hope you will find satisfactory.

I am, Sir, your obedient servant,

JOHN C. ROSS,  
*Secretary to Buctouche Pilotage Authority.*

PILOTAGE RETURNS, DISTRICT OF BUCTOUCHE, PROVINCE OF NEW BRUNSWICK, FOR THE  
YEAR 1884, ACT 36 VIC., CHAP. 54, SEC. 24.

1st. Names and ages of pilots licensed :—

|                      | Age. |
|----------------------|------|
| John S. Dixon.....   | 51   |
| Caliste Logère ..... | 51   |
| Thadée Pellerin..... | 48   |
| Matthew Smith.....   | 45   |
| John G. Smith.....   | 38   |

2nd. The above named pilots are all licensed to undertake the pilotage of vessels of every description within and without the Pilotage District of Buctouche.

3rd. Pilotage dues are charged as per section 12 of rules and regulations for the District, viz.: One dollar and fifty cents (\$1.50) per foot draught of water, both inward and outward bound.

4th. Total amount of pilotage dues paid during the year, \$174; of which there was paid by British vessels, \$31.50, and by Foreign vessels, \$142 50, all at the rate of \$1.50 per foot for inward and outward pilotage.

5th. The pilotage dues, as above, were paid to the different pilots, who performed their duties as such to the respective vessels.

6th. No new licenses were granted or expenses incurred during the year by the Pilotage Authority.

JOHN C. ROSS,  
*Secretary to Buctouche Pilotage Authority.*

BUCTOUCHE, N. B., 8th January, 1885.

APPENDIX No. 20.

PILOTAGE RETURNS FOR THE DISTRICT OF THE COUNTY OF CHARLOTTE, PROVINCE OF NEW BRUNSWICK, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

*Licensed Pilots acting for the Year.*

| Name of Pilot.     | Age. | For what Service Licensed.                   |    |    |
|--------------------|------|--|----|----|
| William Cline..... | 74   | For the District of the County of Charlotte. |    |    |
| Wellington Cline.  | 43   | do   | do | do |
| Joseph Boyd.....   | 49   | do   | do | do |
| Thomas Conley....  | 54   | do   | do | do |

*Pilot Boats Licensed.*

Sloop "Pilot," 11·80 tons, W. Cline, master.  
 Schooner "Frank Taylor," 12½ tons, Joseph Boyd, master.

*Amount of Pilotage collected by Pilots for the Year 1884.*

Pilotage of British vessels, \$676.85; Foreign vessels, \$25; total, \$701.85.

*Amount of Receipts by Commissioner.*

|                                   |         |         |
|-----------------------------------|---------|---------|
| 1 Pilot license issued .....      | \$ 6 00 |         |
| 2 Pilot boat licenses issued..... | 10 00   |         |
| Received for registration.....    | 3 00    |         |
|                                   |         | \$19 00 |

*Charges.*

|  |         |         |
|--|---------|---------|
| Stationery and postage .....                   | \$ 1 00 |         |
| Commissioners, St. Stephen and St. George..... | 6 00    |         |
| Acting Secretary at St. Andrews.....           | 12 00   |         |
|  |         | \$19 00 |

*Pilotage Charges on Vessels.*

Longest pilotage distance, inward or outward...\$2.25 per foot draft of water.  
 Second do do ... 1.60 do do  
 Third do do ... 1.50 do do  
 From or to Campo Bello, 20c. per foot less than above rates.  
 Fourth pilotage distance, inward or outward, \$1.00 per foot draft of water.  
 From 1st November to 1st April, 20c. per foot in addition to above rates.  
 Harbor pilotage, up to 300 tons, \$2.50; above 300 tons, \$3 each vessel.  
 River pilotage, inside St. Andrew's Bay: Each vessel, up to 200 tons, \$4; over 200 and up to 300 tons, \$5; over 300 and up to 400 tons, \$6; over 400 tons, \$8.  
 River pilotage, St. Andrew's Bay to any harbor in the county: Vessels 200 tons, \$6; 200 and under 300 tons, \$3; 300 and under 400 tons, \$10; over 400 tons, \$12 each.

C. E. O. HATHEWAY,

*Commissioner and Acting Secretary-*

St. ANDREWS, N. B., 31st December, 1884.

APPENDIX No. 21.

PILOTAGE RETURNS FOR THE PILOTAGE DISTRICT OF MIRAMICHI, N.B., FOR THE YEAR ENDING 31st DECEMBER, 1884.

Dr. Miramichi Pilots in account with R. R. Call, Secretary and Treasurer. Cr.

| 1884. |    | \$   | cts.   | 1884. | \$   | cts. |
|-------|----|--|--------|-------|--|------|
| May   | 2  | To Paid W. Tait, Pilot Master, account expenses. | 4      | 1     | By Balance from account, 1882.                                   | 19   |
| June  | 4  | Paid telegram to Chatham                         | 11     | 5     | Cheque W. J. McJordoch, for wages of Angus McEacheran on dredge. | 67   |
| do    | 11 | do   | 0      | 7     | Angus McEacheran, wages on dredge.                               | 85   |
| do    | 11 | Refunded barque "Draquette," removal.            | 59     | 7     | Extra pilotage, "Active".  | 00   |
| July  | 5  | Paid Jas. Henderson, survey on boats.            | 00     | 22    | Removal, barque "Helene".  | 4    |
| Sept. | 16 | Paid rent of Pilot Master's office.              | 20     | 27    | do   | 00   |
| Oct.  | 16 | Paid Jos. Jimmo, sen., pension.                  | 00     | 27    | do "Echo".   | 6    |
| Nov.  | 3  | Paid Alex. Martin, pension.                      | 00     | 27    | Pilot boat "Two Brothers," freight.                              | 12   |
| do    | 17 | Paid W. Tait's account, stationery.              | 00     | 8     | A. McEacheran, wages on dredge.                                  | 00   |
| do    | 22 | Paid J. L. Stewart's account, printing.          | 50     | 16    | do do  | 30   |
| do    | 24 | Paid horse hire, per W. Tait.                    | 00     | 16    | Robt. Walls do   | 00   |
| Dec.  | 4  | 3 per cent. commission on \$15,528.01.           | 84     | 15    | do do  | 25   |
| do    | 4  | Paid 31 Pilots, each \$490.44                    | 76     | 17    | Pilot boat "Empress," taking surveyors to wreck                  | 00   |
|       |    |  | 15,203 | 24    | do "Princess Louise," freight.                                   | 60   |
|       |    |  | 55     | 4     | Amount charged John Martin, share schooner                       | 61   |
|       |    |  |        | 4     | do John Nowlan do  | 34   |
|       |    |  |        | 4     | do John McCallum, 2 months lost.                                 | 127  |
|       |    |  |        | 4     | do John Martin, 1/2 month lost.                                  | 58   |
|       |    |  |        | 4     | Total amount pilotages for season.                               | 161  |
|       |    |  |        | 4     |  | 30   |
|       |    |  |        |       |  | 40   |
|       |    |  |        |       |  | 32   |
|       |    |  |        |       |  | 34   |
|       |    |  | 15,918 |       |  | 55   |
|       |    |  | 55     |       |  |      |

WM. PARK,  
Chairman.  
R. R. CALL,  
Secretary-Treasurer.

NEWCASTLE, MIRAMICHI, N.B., 8th December, 1884.

PILOTAGE RETURNS for the Pilotage District of Miramichi, N.B., for the year ending 31st December, 1884:—

|                                       |                    |                    |
|---------------------------------------|--------------------|--------------------|
| Vessels reported inwards.....         |                    | <u>238</u>         |
| British steamers.....                 | 14                 |                    |
| Sailing vessels.....                  | 56                 |                    |
|                                       | <u>70</u>          |                    |
| Foreign sailing vessels.....          | 168                |                    |
| Vessels reported outwards.....        |                    | <u>234</u>         |
| British steamers.....                 | 13                 |                    |
| Sailing vessels.....                  | 53                 |                    |
|                                       | <u>66</u>          |                    |
| Foreign sailing vessels.....          | 168                |                    |
| Vessels removed.....                  |                    | <u>90</u>          |
| British steamers.....                 | 17                 |                    |
| Sailing vessels.....                  | 10                 |                    |
|                                       | <u>27</u>          |                    |
| Foreign sailing vessels.....          | 63                 |                    |
| Extra services.....                   |                    | <u>14</u>          |
| British.....                          | 5                  |                    |
| Foreign.....                          | 9                  |                    |
| Total amount of pilotage inward.....  |                    | <u>\$ 6,731 29</u> |
| British steamers.....                 | \$ 697 43          |                    |
| Sailing vessels.....                  | 1,421 67           |                    |
|                                       | <u>\$ 2,119 10</u> |                    |
| Foreign sailing vessels.....          | 4,612 19           |                    |
| Total amount of pilotage outward..... |                    | <u>\$ 7,516 05</u> |
| British steamers.....                 | \$ 455 63          |                    |
| Sailing vessels.....                  | 1,612 34           |                    |
|                                       | <u>\$ 2,067 97</u> |                    |
| Foreign sailing vessels.....          | 5,448 08           |                    |
| Total amount of removals.....         |                    | <u>\$ 452 00</u>   |
| British steamers.....                 | \$ 78 00           |                    |
| Sailing vessels.....                  | 50 00              |                    |
|                                       | <u>\$ 128 00</u>   |                    |
| Foreign sailing vessels.....          | 324 00             |                    |
| Total amount for extra services.....  |                    | <u>\$ 126 00</u>   |
| British.....                          | \$ 31 00           |                    |
| Foreign.....                          | 95 00              |                    |

LIST of Pilot Boats Licensed.

| No. | Name of Boat.        | Tonnage. | Captain.          | When first Licensed. | When last Licensed. |
|-----|----------------------|----------|-------------------|----------------------|---------------------|
| 11  | May Queen.....       | 22.50    | Geo. Savoy.....   | May, 1878.....       | May, 1884.          |
| 13  | Two Brothers.....    | 25.      | Geo. T. Tait..... | May, 1878.....       | May, 1884.          |
| 14  | Empress.....         | 25.59    | F. Martin.....    | May, 1878.....       | May, 1884.          |
| 15  | Princess Louise..... | 20.85    | R. J. Walls.....  | May, 1879.....       | May, 1884.          |

WM. PARK, *Chairman.*

R. R. CALL, *Secretary-Treasurer.*

NEWCASTLE, MIRAMICHI, N.B., 8th December, 1884.

PILOTAGE RETURNS for the District of Miramichi, N.B., for the Year 1884.

| No. | Names of Pilots.        | Age. | For what Service. | Remarks.   |
|-----|-------------------------|------|-------------------|--|
| 2   | Louis Jimmo.....        | 30   | Full license..... |  |
| 4   | Angus McEacheran.....   | 65   | do.....           |  |
| 5   | Mitchell Martin.....    | 55   | do.....           |  |
| 6   | Francis Martin.....     | 50   | do.....           |  |
| 7   | Maxime Martin.....      | 39   | do.....           |  |
| 9   | Angus McLean.....       | 51   | do.....           |  |
| 10  | Alexander Wilson.....   | 38   | do.....           |  |
| 11  | Robert J. Walls.....    | 33   | do.....           |  |
| 12  | George Savoy.....       | 40   | do.....           |  |
| 13  | Reuben Nowlan.....      | 40   | do.....           |  |
| 14  | John McEacheran.....    | 34   | do.....           |  |
| 15  | Charles McLean.....     | 45   | do.....           |  |
| 17  | John Brown.....         | 73   | do.....           |  |
| 20  | Oliver Foster.....      | 43   | do.....           |  |
| 22  | William Walls.....      | 30   | do.....           |  |
| 23  | William Tait.....       | 61   | do.....           | Pilot Master.  |
| 24  | Allan McEacheran.....   | 50   | do.....           |  |
| 26  | John McCallum.....      | 32   | do.....           | Suspended 2 months, from 11th June to 11th August, 1884. |
| 27  | James Nowlan.....       | 33   | do.....           |  |
| 28  | Dudley P. Walls.....    | 38   | do.....           |  |
| 29  | George Sutton.....      | 33   | do.....           |  |
| 30  | James A. Nowlan.....    | 29   | do.....           |  |
| 31  | George T. Tait.....     | 27   | do.....           |  |
| 32  | Joseph Jimmo, jun.....  | 29   | do.....           |  |
| 33  | James McCallum.....     | 40   | do.....           |  |
| 34  | Allan McEacheran, jun.. | 25   | do.....           |  |
| 35  | John Martin.....        | 25   | do.....           |  |
| 36  | Asa Walls.....          | 25   | do.....           |  |
| 37  | William Walls, jun..... | 27   | do.....           |  |
| 38  | John Nowlan.....        | 28   | do.....           |  |
| 39  | Patrick Nowlan.....     | 25   | do.....           |  |

RATES of Pilotage chargeable at Miramichi, N.B., on all vessels, British or Foreign.

When inward bound..... \$2 25 per foot.

And for all vessels propelled wholly or in part by steam, in addition to above, 2 cents per registered ton.

When outward bound :—

|                                |                  |
|--------------------------------|------------------|
| Drawing less than 17 feet..... | \$1 75 per foot. |
| Drawing 17 feet and over.....  | 2 00 do          |

For every vessel taken to sea after 1st November, a bonus of \$4.00.

For the removal and mooring of any vessel—

|   |
|---|
| \$1 50 for vessels not exceeding 100 tons ; |
| 2 00 do do 200 do                           |
| 3 00 do do 300 do                           |
| 4 00 for vessels over 300 tons ;            |

and where the distance of removal exceeds four miles, 50 per cent. to be added to above rates.

WM. PARK, *Chairman.*

R. R. CALL, *Secretary-Treasurer.*

NEWCASTLE, MIRAMICHI, N.B., 8th December, 1884.

## APPENDIX No 22.

REPORT OF THE HALIFAX PILOTAGE COMMISSIONERS FOR THE  
CALENDAR YEAR ENDED 31st DECEMBER, 1884.

HALIFAX, 31st December, 1884.

RETURN of Vessels entered Inwards at the Port of Halifax, N.S., from 1st January to  
31st December, 1884, subject to compulsory Pilotage Dues.

## BRITISH.

| Schooner. | Brigantine. | Brig. | Barque. | Ship. | Steamer. | Tonnage. | Amount<br>of<br>Pilotage Dues. |
|-----------|-------------|-------|---------|-------|----------|----------|--------------------------------|
| 136       | 150         | 2     | 30      | 1     | 260      | 437,114  | \$ cts.<br>8,805 85            |

## FOREIGN.

|     |     |   |    |   |     |         |           |
|-----|-----|---|----|---|-----|---------|-----------|
| 8   | 5   | 4 | 54 | 2 | 126 | 152,634 | 2,670 09  |
| 144 | 155 | 6 | 84 | 3 | 386 | 589,748 | 11,475 85 |

RETURN of Vessels entered Outwards at the Port of Halifax, N.S., from 1st January  
to 31st December, 1884, subject to compulsory Pilotage Dues.

## BRITISH.

| Schooner. | Brigantine. | Brig. | Barque. | Ship. | Steamer. | Tonnage. | Amount<br>of<br>Pilotage Dues. |
|-----------|-------------|-------|---------|-------|----------|----------|--------------------------------|
| 9         | 24          | 1     | 39      | 1     | 280      | 431,203  | \$ cts.<br>4,340 78            |

## FOREIGN.

|       |    |   |    |   |     |         |          |
|-------|----|---|----|---|-----|---------|----------|
| ..... | 4  | 5 | 58 | 2 | 122 | 144,703 | 1,548 63 |
| 9     | 28 | 6 | 97 | 3 | 402 | 575,906 | 5,889 41 |

STATEMENT of Receipts and Expenditure for the Year ending 1884.

| RECEIPTS.  |  | \$ cts.  |
|--|--|----------|
| Cash on hand 1st January, 1884.....                  |  | 980 24   |
| Amount at credit Pilotage Fund in Savings Bank ..... |  | 1,828 05 |
| 5 per cent. commission on pilotage collected.....    |  | 863 31   |
| Outward pilotage on ships having no pilots.....      |  | 899 12   |
| License fees, bonds, &c.....                         |  | 241 00   |
|  |  | 4,811 72 |
| Surplus at credit of Pilotage Fund.....              |  | 2,835 50 |
| EXPENDITURE.   |  |          |
| Amount paid Commissioners for 1883.....              |  | 950 24   |
| do Auditors for 1883 .....                           |  | 30 00    |
| Secretary's salary and office rent for 1884 .....    |  | 700 00   |
| Printing, stationery, &c., for 1884 .....            |  | 257 98   |
| Paid funeral expenses, &c., late Pilot Simmons.....  |  | 38 00    |
| Surplus at credit of Pilotage Fund.....              |  | 2,835 50 |
|  |  | 4,811 72 |

E. & O. E.

STATEMENT of Superannuation Fund.

|  |          | \$ cts.  |
|--|----------|----------|
| Cash in Savings Bank, 1st January, 1884..... |          | 2,133 14 |
| Collected during 1884, and interest.....     |          | 419 69   |
|  |          | 2,552 83 |
| LESS.  |          |          |
| Paid family of late Pilot Smith ....         | \$ 60 00 |          |
| do Nickerson.....                            | 37 50    |          |
| do Simmons.....                              | 20 00    |          |
|  |          | 117 50   |
| Balance at credit in Savings Bank .....      |          | 2,435 33 |

E. & O. E.

FRED. D. CORBETT,  
*Secretary-Treasurer.*



APPENDIX No. 23.

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REPORT OF THE PILOTAGE AUTHORITY OF LOUISBURG, C.B., FOR  
THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

LOUISBURG, C.B., 2nd January, 1885.

To WM. SMITH, Esq.,  
Deputy Minister of Marine,  
Ottawa.

The Pilotage Authority for the District of Louisburg have the honour to submit the following report for the year 1884.

There have been no changes made in the pilots, and pilotage rates are the same as heretofore.

I regret having to inform you that only two vessels paid pilotage dues in this port during the year.

The falling off is owing to the fact that the Sydney & Louisburg Coal and Railway Co. have ceased to ship coals from this port.

I have the honour to remain,  
Your obedient servant,

P. O'TOOLE,  
*Chairman, P. Board.*

## APPENDIX No. 24.

REPORT OF THE PILOTAGE AUTHORITY OF PICTOU, N.S., FOR THE  
CALENDAR YEAR ENDED 31st DECEMBER, 1884.

To Wm. SMITH, Esq.,  
Deputy Minister of Marine,  
Ottawa.

SIR,—I have the honour herewith to submit to you the Pilotage Returns for this District, for the year ending 31st December, 1884.

I am, Sir, your obedient servant,

WM. H. NOONAN,

*Sec'y. Pilotage Commissioners.*

PILOTAGE RETURNS for the District of Pictou, N.S., for the year ending 31st December, 1884, as required by sec. 24, chap. 54, 36 Vic., entitled, "An Act respecting Pilotage."

## LICENSED PILOTS.

| No. | Names.                | Residence.         | Age.      |
|-----|-----------------------|--------------------|-----------|
| 1   | Alex. T. Powell ..... | Boat Harbour ..... | 66 years. |
| 2   | James Fraser.....     | do .....           | 53 do     |
| 3   | Bryan Rodgers .....   | Pictou .....       | 49 do     |
| 4   | Wm. A. Cooke .....    | do .....           | 46 do     |
| 5   | A. McDonald.....      | do .....           | 45 do     |
| 6   | H. H. Powell.....     | Boat Harbour ..... | 38 do     |
| 7   | Chas. A. Cooke.....   | Pictou .....       | 39 do     |
| 8   | Geo. W. Powell .....  | do .....           | 33 do     |
| 9   | Danl. S. Smith.....   | do .....           | 33 do     |
| 10  | Jno. R. Powell.....   | Boat Harbour.....  | 36 do     |
| 11  | Wm. Munro.....        | Pictou .....       | 54 do     |
| 12  | Danl. McLeod.....     | do .....           | 43 do     |
| 13  | R. McDonald.....      | do .....           | 58 do     |

*Certificated Masters.*

Amable Bacquet, steamship "Miramichi."

*Certificated Mates.*

None.

*Services for which Pilots were licensed.*

To undertake the pilotage of vessels of every description, within and throughout the Pilotage District of Pictou.

**RECEIPTS and EXPENDITURE** of all money received by, or in behalf of the Pilotage Authority in respect of pilots or pilotage.

*Receipts.*

|   |    |       |                   |
|---|----|-------|-------------------|
| Received from 13 pilots for annual bonds..... | \$ | 13    | 00                |
| do from Capt. Graham, special license...      |    | 5     | 00                |
| do pilotage dues, as per statement.....       |    | 4,447 | 67                |
| Balance on hand from last year.....           |    | 181   | 27                |
|   |    |       | <u>\$4,646 94</u> |

*Expenditure.*

|   |         |                   |
|---|---------|-------------------|
| Paid Pilots for pilotage .....                        | \$4,200 | 17                |
| Printing account books, certificate books, forms..... |         | 9 75              |
| Secretary's salary.....                               | 150     | 00                |
| Commissioners attending meetings.....                 | 50      | 00                |
| Robert Powell, superannuation grant.....              | 30      | 00                |
| Stationery and postage.....                           | 4       | 50                |
| Balance on hand .....                                 | 202     | 52                |
|   |         | <u>\$4,646 94</u> |

J. A. GORDON,  
 A. J. PATTERSON,  
 H. MCKENZIE,  
 JOHN R. DAVIES,  
 JAMES D. MCGREGOR,  
*Pilotage Authority, Port of Pictou, N.S.*

Pilotage dues for the time being in force, are as follows:—

|   | Inward. | Outward. |
|---|---------|----------|
| Vessels of 80 and under 150.....                            | \$ 6 00 | \$ 4 00  |
| do 150 do 300.....  | 10 00   | 6 00     |
| do 300 do 400.....  | 12 00   | 8 00     |
| do 400 do 500.....  | 14 00   | 9 00     |
| do 500 do 600.....  | 15 00   | 10 00    |
| do 600 do 800.....  | 16 00   | 11 00    |
| do 800 do 1,000.....  | 17 00   | 12 00    |
| do 1,000 and upwards, 2c. per ton inward, and 1½c. outward. |         |          |

And all vessels under 80 tons, 5 cts. per ton inward, and 4 cts. per ton outward.

All steamers to be rated at net tonnage.

All vessels over 80 tons, bound inward, not requiring the services of a pilot, shall pay half pilotage to any pilot offering his services.

All vessels over 150 tons, bound outward, and not requiring the services of a pilot, shall pay half pilotage to the Pilotage Fund.

Total amount received for pilotage dues.....\$4,452 67

Of this amount—

|                                   |         |                   |
|-----------------------------------|---------|-------------------|
| Received from British ships ..... | \$3,944 | 67                |
| do Foreign ships .....            |         | 508 00            |
|                                   |         | <u>\$4,452 67</u> |

Of this amount—

|                                  |         |                   |
|----------------------------------|---------|-------------------|
| Received from sailing ships..... | \$1,015 | 41                |
| do steamships .....              | 3,437   | 26                |
|                                  |         | <u>\$4,452 67</u> |

## APPENDIX No. 25.

## REPORT OF THE PILOTAGE DISTRICT OF YALE AND NEW WESTMINSTER, FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

BURRARD INLET, B.C., 9th February, 1885.

To Wm. SMITH, Esq.,  
Deputy Minister of Marine,  
Ottawa.

SIR,—I have the honour to transmit herewith pilotage returns for the Pilotage District of Yale and New Westminster, for the year ended 31st December, 1884.

I have the honour to be,

Yours, &amp;c.,

B. SPRINGER,

*Secretary.*

## Yale and New Westminster Pilotage District—Licensed Pilots.

| No. of License. | Name of Pilot.          | Age. | Service.   |
|-----------------|-------------------------|------|--|
| 1               | James Ramsay.....       | 54   | } Licensed to pilot vessels of every description within the limit of the district. |
| 3               | William Ettershank..... | 42   |  |
| 4               | James Christensen.....  | 44   |  |
| 6               | Angus McAlister.....    | 40   |  |
| 7               | Robert Sharp.....       | 30   |  |
| 9               | Wm. Thompson.....       | 35   |  |

Pilotage dues now in force are the same as were approved by Order in Council, 28th July, 1879.

Pilotage collected during the year as follows:—

|   |                    |
|---|--------------------|
| At the port of Burrard Inlet, from British vessels..... | \$ 3,343 00        |
| do do Foreign do .....                                  | 1,610 00           |
|   | <u>\$ 4,953 00</u> |
| At the port of New Westminster from Foreign steamers.   | 159 00             |
| Total.....  | <u>\$ 5,112 00</u> |

RECEIPTS and Expenditure of all money received by or on behalf of the Pilotage Authority in respect of Pilots or Pilotage.

| 1884. | RECEIPTS.                           | \$ cts.  | \$ cts.  |
|-------|-------------------------------------|----------|----------|
|       | Balance on hand from last year..... | 531 12   |          |
|       | License.....                        | 20 00    |          |
|       | Pilotage dues.....                  | 5,112 00 |          |
|       | EXPENDITURES.                       |          |          |
|       | Paid Pilots as per receipts.....    |          | 4,600 80 |
|       | do Secretary.....                   |          | 300 00   |
|       | do For collecting.....              |          | 85 00    |
|       | do Commissioners' expenses.....     |          | 15 50    |
|       | do Printing and stationery.....     |          | 12 00    |
|       | do Telegrams and postage.....       |          | 4 00     |
|       | do Balance on hand.....             |          | 675 82   |
|       |                                     | 5,663 12 | 5,663 12 |

RICHARD ALEXANDER,

*Chairman.*

B. SPRINGER.

*Secretary.*

BURRARD INLET, B.C., 31st December, 1884.

## APPENDIX No. 26.

## REPORT OF THE PILOTAGE AUTHORITY OF VICTORIA AND ESQUIMALT FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

VICTORIA, 6th January, 1885.

WILLIAM SMITH, Esq.,  
Deputy Minister of Marine,  
Ottawa.

SIR,—I have the honor to transmit herewith the Pilotage Returns for the District of Victoria and Esquimalt, B.C., for the year ending 31st December, 1884, as required by the Act 36 Vic., chap. 54, sec. 24, and trust that they will reach you in good season to be embodied in the supplement to the annual report, and also that the Honorable the Minister may be pleased, this year, to publish them in full as they are useful, for reference, to many persons.

I have the honor to be, Sir,

Your obedient servant,

EDGAR CROW BAKER,

*Secretary-Treasurer.*

## PILOTAGE RETURNS, Victoria and Esquimalt, B.C., 1st January to the 31st December, 1884.

## LICENSED PILOTS.

| No. | Name.                    | Age. | Date of Issue. | Seniority.    | Remarks.                   |
|-----|--------------------------|------|----------------|---------------|----------------------------|
| 1   | James McIntosh .....     | 56   | April 23, '80  | Jan. 9, '73   | Active list, B.C., Pilot.  |
| 2   | James Ramsay .....       | 54   | do 23, '80     | June 9, '73   | do                         |
| 3   | William Scott .....      | 45   | do 23, '80     | March 8, '78  | do                         |
| 4   | James Christensen .....  | 44   | do 23, '80     | July 7, '78   | do                         |
| 5   | William Ettershank ..... | 42   | do 23, '80     | June 21, '77  | do                         |
| 6   | John Thompson .....      | 35   | do 23, '80     | Dec. 4, '78   | do                         |
| 7   | James Gaudin .....       | 43   | Feb. 1, '84    | Jan. 3, '84   | Victoria and Esquimalt.    |
| 7   | Angus McAlister .....    | 39   | Mar. 28, '84   | March 28, '84 | do Burrard Inlet.          |
| 9   | George Rudlin .....      | 50   | Not issued...  | do 8, '76     | Commanding "R. P. Rithet." |
| 10  | Donald Urquhart .....    | 37   | April 23, '80  | Feb. 5, '79   | do "Alexander."            |
| 11  | Peter Holmes .....       | 63   | Not issued...  | June 8, '78   | do "Western Slope."        |

Vide 36 Victoria, Chapter 54, Section 24, and Sub-sections

LIST OF CERTIFICATED MASTERS AND MATES.

| No. | Name.                  | Date.         | Vessel.          | Limits.                       |
|-----|------------------------|---------------|------------------|-------------------------------|
| 1   | James A. Gardiner..... | April 23, '81 | Otter .....      | Victoria to Fort Simpson.     |
| 2   | William Meyer .....    | do 23, '81    | Louise .....     | do Wrangle and North Ports;   |
| 3   | Thomas F. Wilson ..... | Aug. 4, '81   | Isabel .....     | do Puget Sound.               |
| 4   | Thomas Pamphlet .....  | Sept. 27, '81 | Bonanza.....     | do Nanaimo & Burrard Inlet.   |
| 5   | George Luckey.....     | Dec. 15, '81  | Diamond .....    | do and Way Ports.             |
| 6   | William Johnson .....  | May 4, '82    | Etta White ..... | Navigable waters of District. |
| 7   | John Cavin .....       | Aug. 6, '83   | Pilot .....      | do                            |
| 8   | Robert Sharpe .....    | do 6, '83     | Louise .....     | do                            |
| 9   | James Gaudin .....     | Jan. 3, '84   | Sardonyx .....   | do                            |

Clause 1.—Name and age of each and every Pilot, Master and Mate are given in foregoing tabulated forms, no others are certificated or authorized to act by this Pilotage Authority in any such capacity; no acting Pilots or apprentices employed in this District.

Clause 2.—The service for which each Pilot, Master or Mate is licensed or certificated is the same as described at page 317, of Supplement No. 1, to the 14th annual report of the Department, to 31st December, 1881.

Clause 3.—The pilotage dues for the time being in force are the same as printed at page 317, of Supplement No. 1, to the 13th annual report of the Department, to 31st December, 1880. No changes whatever have been made in by-laws since then.

LIST OF EXEMPTED VESSELS—STEAMERS.

| No. | Name.                 | Rig.           | Master.               | Tonnage. | Route.                          |
|-----|-----------------------|----------------|-----------------------|----------|---------------------------------|
| 1   | Enterprise.....       | Sloop .....    | Robert Sharpe .....   | 442      | Victoria and New Westminster.   |
| 2   | Maude.....            | do .....       | Peter Holmes .....    | 158      | East Coast Mail Service.        |
| 3   | Etta White .....      | do .....       | Henry Smith .....     | 97       | Mill and Tug Service.           |
| 4   | Cariboo-Fly .....     | do .....       | William Johnson ..... | 138      | Unemployed and dismantled.      |
| 5   | Wilson G. Hant .....  | do .....       | James Gardiner .....  | 172      | Unemployed                      |
| 6   | Pilot .....           | do .....       | John Cavin .....      | 183      | General Towing Service.         |
| 7   | Beaver .....          | Schooner ..... | John Jagers .....     | 109      | Unemployed.                     |
| 8   | Alexander .....       | do .....       | Donald Urquhart.....  | 331      | General Towing Service.         |
| 9   | Western Slope.....    | Sloop .....    | Peter Holmes .....    | 250      | Victoria and Fraser River.      |
| 10  | Princess Louise ..... | Schooner ..... | William Meyer .....   | 498      | General service of C. P. N. Co. |
| 11  | Woodside .....        | Sloop .....    | Michael Muir .....    | 51       | Victoria and Sooke.             |
| 12  | Barbara Boscowitz..   | 3 m. schooner. | James D. Warren ..... | 239      | Victoria to Skeena River.       |
| 13  | Spratt's Ark.....     | Cannery .....  | Joseph Spratt .....   | 419      | Fishing in inlets and rivers.   |
| 14  | Yosemite .....        | Sloop .....    | John Irving .....     | 1525     | Victoria and New Westminster.   |
| 15  | Amelia .....          | do .....       | Wm. McCulloch .....   | 431      | do East Coast.                  |

All the foregoing vessels are exempt under the Act 40 Vic., chap. 20 (trading from port to port in the same Province, and being propelled wholly or in part by steam); all other vessels pay the annual fees prescribed in the by-laws of 1880.

Victoria and Esquimalt, Clause 4, Pilotage collected, 1st January, 1884, to 31st December, 1884.

| Month.         | British. | Foreign. | Total.    | Remarks.  |
|----------------|----------|----------|-----------|---|
|                | \$ cts.  | \$ cts.  | \$ cts.   |   |
| January.....   | 51 00    | 584 50   | 635 50    | N. B.—The total of \$10,145.36 includes special services to Nanaimo, Puget Sound, Straits, Pilotage, &c. E. O. B. |
| February.....  | 31 50    | 649 50   | 681 00    |   |
| March.....     | 101 87   | 472 25   | 574 12    |   |
| April.....     | 138 50   | 852 87   | 991 37    |   |
| May.....       | 30 00    | 875 25   | 905 25    |   |
| June.....      | 283 25   | 592 00   | 875 25    |   |
| July.....      | 101 50   | 620 75   | 722 25    |   |
| August.....    | 463 50   | 838 25   | 1,301 75  |   |
| September..... | 164 25   | 535 75   | 700 00    |   |
| October.....   | 122 25   | 997 75   | 1,120 00  |   |
| November.....  | .....    | 749 00   | 749 00    |   |
| December.....  | 360 00   | 529 87   | 889 87    |   |
|                | 1,847 62 | 8,297 74 | 10,145 36 |   |



Receipts and Expenditures, 1st January to 31st December, 1884.

Dr.

Cr.

| Date.             | Nature of Receipt.               | Amount.   | Date.             | Head of Service.                             | Amount.   |
|-------------------|----------------------------------|-----------|-------------------|--|-----------|
| Jan. 1 to Dec. 31 | To Balance from last year .....  | \$ cts.   | 1884.             |  | \$ cts.   |
| do                | Pilotage collected (Clause 4) .. | 19 76     | Jan. 1 to Dec. 31 | By Office expenses.....                      | 345 55    |
| do                | Certificate fees .....           | 10,145 36 | do                | Secretary-Treasurer.....                     | 711 15    |
| do                | Examination fees.....            | 400 00    | do                | Expenses of investigations.....              | 180 00    |
| do                | License fees .....               | 40 00     | do                | Expenses of examinations .....               | 40 00     |
| do                | Survey fees.....                 | 75 00     | do                | Expenses of surveys .....                    | 20 00     |
| do                |                                  | 20 00     | do                | Pilots' earnings.....                        | 9,105 36  |
|                   |                                  |           | do                | Refunds and forfeitures .....                | 89 62     |
|                   |                                  |           | do                | Suspense account "W. F. Munroe".....         | 12 60     |
|                   |                                  |           | December 31...    | Balance to credit of Pilotage Authority..... | 196 84    |
|                   |                                  | 10,700 12 |                   |  | 10,700 12 |

Approved and certified correct.

RODERICK FINLAYSON, }  
 W. R. CLARKE, } *Commissioners.*  
 R. P. RITHET, }

EDGAR CROW BAKER,  
*Secretary-Treasurer.*

Victoria, B.C., 6th January, 1885.

## APPENDIX No. 27.

REPORT OF THE PORT WARDEN FOR THE PORT OF MONTREAL, FOR  
THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.OFFICE OF THE PORT WARDEN,  
MONTREAL, 31st December, 1884.*To the President and Council of the Board of Trade, Montreal.*

GENTLEMEN,—In accordance with the Act 45 Vic., chap. 45, sec. 31, I have the honour to submit this my Annual Report of the affairs of the office for the present year, accompanied by financial statement showing receipts and expenditure during that period.

Navigation opened this year about the usual time; the ice moved out of the harbour on the 18th April, and on the 22nd the river and coasting craft began to arrive from winter quarters at Boucherville. On the 27th April the ice jam at Cap Rouge gave way, and on the following day we had clear water from here to sea.

The first arrival from sea was the Beaver Line steamship "Lake Champlain," from Liverpool. She came into port on the 2nd May, and was followed later in the day by the Allan mail steamship "Peruvian."

The early arrivals met with some ice in the Gulf, but some of the ships that arrived later saw very little, and others saw none.

By the 8th of May we had quite a large number of ocean steamships in port, and the business of the harbour was in vigorous operation.

The first sailing ship to arrive was the barque "Venus," from London. She came into port on the 11th of May.

The steamship "Titania," of the Donaldson Line, which arrived here from Glasgow on the 21st June, was the first vessel to pass through the Straits of Belle Isle this season, which she did on the 17th June. She saw no field ice, but passed a great many icebergs, some of them of great size. She was not delayed by them.

The Allan steamship "Norwegian," for Glasgow, was the last sea going ship to depart this season. She left port on the 21st November. At that time there was no ice in the harbour.

The water in the river has kept well up this year. There was depth enough for the largest of our ships. Lighterage of cargoes to Quebec may now be considered a thing of the past.

The steamship "Brooklyn" left port on the 3rd of July for Liverpool, drawing 26 feet 1 inch. I believe this is the deepest draft that ever left Montreal.

On the 14th August last the Allan steamship "Norwegian," for London, left port, drawing 25 feet 6 inches. This is unprecedented at that time of the year, when the water in the river is considered to be lowest.

There is a very slight difference in the number of sea-going ships and amount of tonnage which arrived at this port this year and last.

Three hundred and twenty-two ships were entered at this office this year, with an aggregate of 488,753 tons, against 335 ships, measuring 483,741 tons, in 1883. Of the 322 ships, 242 were steamers, of 433,806 tons, being an average of 1,792 tons each, and 80 were sailing ships, of 44,947 tons, making the average of each sailing ship 562 tons. These figures do not include vessels from Newfoundland and places within the Dominion, as such vessels do not come under the jurisdiction of this office.

On the 17th of August the steamship "Silkworth," loaded with a cargo for Liverpool, left port without having received from this office a certificate of seaworthiness. Immediate steps were taken, according to law, to prevent her proceeding to sea, until the master accounted to the proper authorities for his illegal conduct. The ship was stopped at Quebec by the officials of the Government. She was detained there three days, pending the decision of the case by those in authority. She was ultimately allowed to go to sea, on payment of the expenses incurred in her arrest and detention at Quebec, without the infliction of the fine imposed by the Act of Parliament relating thereto.

The import trade of the port has not been quite up to last year in volume, except in the article of sugar, which has been largely in excess of previous years. Thirty-four thousand seven hundred and seven tons of shipping have been employed in bringing sugar from Java, Brazil, the West Indies and other places of growth, this year, against 18,960 tons thus employed in 1883, and 21,636 tons in 1882.

In exports a fair business has been done, for although the export of grain has fallen off in quantity this year, nearly 2,500,000 bushels, as compared with last year, it has been made up by an increase in other exports, such as flour, phosphates, bacon, cheese, deals and other things, flour being largely in excess. The total quantity of grain shipped this year was 7,421,152 bushels, against 9,781,001 bushels last year, and 8,293,830 in 1882; 446,480 barrels of flour were shipped this year, against 294,353 barrels in 1883, being an increase of 152,127 barrels.

The shipment of deals to Great Britain has been in excess of previous years—26,559, St. Petersburg standards, equal to 52,587,205 feet board measure, were shipped, against 23,094 standards last year, and 22,467 in 1882.

Lumber shipments to South America were also in excess of previous years, giving employment to a large amount of tonnage; 24,385,378 feet were shipped from the Hochelaga wharves this year, being an increase of about 20 per cent. over 1883.

The phosphate shipments show a steadily increasing business. The total shipments this year were 20,461 tons, against 17,160 tons last year, 15,556 tons in 1882, and 7,500 tons in 1880, or an increase of nearly 300 per cent. in four years.

Every year shows how steadily and surely steamers are supplanting sailing vessels in the deal and phosphate carrying trades, as well as in the carriage of grain, while to South America steamers have not yet ventured into the lumber carrying trade, but I predict that ere long steamers will be found competing with sailing vessels for this trade also.

The cattle export trade goes on steadily increasing year by year, although there was not so many sheep exported this year as last; 56,643 head of cattle and 63,143 sheep were shipped this year, against 50,345 head of cattle and 102,347 sheep last year, and 28,491 head of cattle and 64,590 sheep in 1882.

Other articles of export require no special notice.

So far as I know, there are no missing ships from this port this year, or ships lost by being overloaded or from shifting of cargo.

I have been ably assisted by the members of my staff, all of whom have rendered good service, and with their aid the public requirements have been fully met.

I am, Gentlemen,

Your obedient servant,

DAVID ROSS KERR,

Port Warden.

## PORT WARDEN'S OFFICE.

DR. STATEMENT of Cash Account for Year ending 31st December, 1884. CR.

| RECEIPTS.                           | \$    | cts. | EXPENDITURE.                         | \$    | cts. |
|-------------------------------------|-------|------|--------------------------------------|-------|------|
| To Receipts derived as under—       |       |      | By Paid D. Ross Kerr, Port Warden,   |       |      |
| 3,491,977 bushels wheat.....        |       |      | 12 months' salary .....              | 2,000 | 00   |
| 1,475,124 do peas.....              |       |      | Jas. G. Shaw, Deputy Port Warden.    |       |      |
| 2,074,277 do Indian corn.....       |       |      | 12 months' salary .....              | 1,500 | 00   |
| 220,668 do oats.....                |       |      | G. W. Morrison, Dep. Port Warden,    |       |      |
| 159,106 do barley.....              |       |      | 12 months' salary .....              | 1,300 | 00   |
| 446,480 barrels flour and meal..... | 336   | 41   | W. J. Anderson, Book-keeper, 12      |       |      |
| 5,370 do ashes.....                 | 107   | 40   | months' salary .....                 | 1,000 | 00   |
| 87,043 do apples.....               | 217   | 99   | R. M. Shaw, Book-keeper, 2½ months'  |       |      |
| 64,895 tons unenumerated.....       | 3,893 | 70   | salary .....                         | 162   | 50   |
| 43 do hops.....                     | 0     | 87   | M. M. Baird, Clerk, 8 months' salary | 207   | 00   |
| 1,378 do dead meat.....             | 27    | 56   | Rent of office.....                  | 450   | 00   |
| 246 do minerals.....                | 4     | 92   | Books, stationery, &c.....           | 131   | 04   |
| 1,241 do oil cake.....              | 37    | 23   | Cab hire.....                        | 64    | 30   |
| 20,747 do phosphates.....           | 207   | 47   | Sundries.....                        | 114   | 29   |
| 547 do sundries.....                | 26    | 58   | Fuel and light account.....          | 98    | 33   |
| 56,664 oxen and horses.....         | 850   | 70   | Alf W. Hadrill, Auditor.....         | 40    | 00   |
| 63,143 sheep and hogs.....          | 157   | 91   | Superannuation fund.....             | 200   | 00   |
| 23,368 St. Pet'g. standard deals.   | 467   | 24   | Secretarial expenses.....            | 1,000 | 00   |
| 22,987,265 feet sawn lumber.....    | 157   | 33   |                                      |       |      |
| Damaged cargo certificates.....     | 348   | 50   |                                      | 8,267 | 46   |
| Special surveys.....                | 230   | 00   | Balance, cash accrued during 1884... | 689   | 58   |
| Port Warden's Fees—Inwards.....     | 277   | 50   |                                      |       |      |
| do do Outwards.....                 | 1,647 | 50   |                                      |       |      |
| Total during 1884.....              | 8,988 | 81   |                                      |       |      |
| Fees outstanding 1883.....          | 11    | 34   |                                      |       |      |
|                                     | 8,998 | 15   |                                      |       |      |
| Less—Fees now outstanding....       | 85    | 16   |                                      |       |      |
|                                     | 8,912 | 99   |                                      |       |      |
| Interest on bank account.....       | 44    | 05   |                                      |       |      |
|                                     | 8,957 | 04   |                                      |       |      |
|                                     |       |      |                                      | 8,957 | 04   |

DAVID ROSS KERR,  
Port Warden.

Examined and found correct.

ALF. W. HADRILL,  
Auditor.

A true copy certified by

WM. J. PATTERSON,  
Secretary, Montreal Board of Trade.

STATEMENT of the Investments of Port Warden Surplus Funds, and of the Interest accruing therefrom, during the Year ended 31st December, 1884.

|   | \$           | cts. | \$  | cts.        |
|---|--------------|------|---|-------------|
| Harbour Debentures, \$4,000, purchased April 26, 1869, for .....              | 4,137 65     | ...  | Interest on same, at 6½ per cent. for 12 months.....  | 260 00      |
| (Redeemed 5th July, 1884, and re-invested in Bell Telephone Bonds )           |              |      |   |             |
| Protestant School Commissioners' bonds.....\$ 2,000 purchased May 4, 1884 for | 2,014 78     | ...  | do do do  | 120 00      |
| Corporation bonds..... 3,000 do Ap'1 21, 1871                                 | 3,135 84     | ...  | do do do  | 180 00      |
| do do 4,000 do do 9, 1872   | 4,087 18     | ...  | do do do  | 240 00      |
| do do 2,000 do do Jan. 12, 1877   | 2,044 00     | ...  | do do do  | 120 00      |
| Dominion stock..... 2,300 do do Feb. 16, 1880                                 | 2,380 34     | ...  | do do do  | 115 00      |
| Corporation bonds.....\$ 2,175  |              |      |   |             |
| do replaced from Su-  |              |      |   |             |
| perannuation Fund..... 4,825  | 7,254 11     | ...  | do do do  | 350 00      |
| City of Montreal four per cent. registered                                    |              |      |   |             |
| stock..... 5,000 do Ap'1 18, 1884   | 5,031 74     | ...  | do do do  | 200 00      |
| Bell Telephone Co bonds..... 4,500 do July 9, 1884                            | 4,260 00     | ...  | do do do for 6 months.....                            | 135 00      |
| Special deposit in Ontario Bank..... 1,500 made Nov. 21, 1884                 | 1,500 00     | ...  | To bear 4 per cent. interest on deposit of \$2,400 in |             |
|   |              |      | Union Bank from 1st to 26th January, 1884, at 4       |             |
|   |              |      | per cent .....  | 6 58        |
|   | \$ 31,707 99 |      |   | \$ 1,726 58 |

MEMORANDUM OF PORT WARDEN SUPERANNUATION FUND.

Transferred from Surplus Funds, 1st April, 1878, to form nucleus of Fund, \$5,000, the same being invested 16th Aug., 1880, in Corporation bonds, \$4,825, bearing 5 per cent. interest, which were replaced in Surplus Fund account, 31st Dec., 1883.

|   |             |
|---|-------------|
| Cash in City and District Savings Bank, 31st Dec., 1883.....      | \$ 2,815 50 |
| Annual contribution from Port Warden Office, 31st Dec., 1884..... | 200 00      |
| Interest on bank deposit for 12 months, at 3 per cent. ....       | 84 43       |
|   | \$ 3,099 93 |

WM. J. PATTERSON,  
Secretary.

## APPENDIX No. 28.

REPORT OF THE PORT WARDEN OF THE PORT OF QUEBEC FOR THE  
CALENDAR YEAR ENDED 31st DECEMBER, 1884.PORT WARDEN'S OFFICE,  
QUEBEC, 31st December, 1884.To WM. SMITH, Esq.,  
Deputy Minister of Marine, Ottawa.

SIR,—I have the honor to submit this my Annual Report of the affairs of this office during the year ending the 31st December, 1884.

The following enumerated class of vessels have been examined and surveyed in the harbour and in the port of Quebec, and in compliance with the Acts relating to the Port Wardens of Montreal and Quebec, established in 1871 and 1873:—

Six steamships, inwards, with general cargoes, have been surveyed, in compliance with the 8th section of the said Act.

One hundred and four steamships, outwards, with general cargoes, have been surveyed, in compliance with the amended Act of 1873.

Fifteen sailing vessels, inwards, with general cargoes, have been surveyed, in compliance with the 8th section of the said Act.

One sailing vessel, with outward cargo, has cleared.

Fifteen lots of merchandise and goods and wrecked materials surveyed and sold in compliance with the 16th and 18th sections of the said Act.

Thirteen vessels, under general average, estimate and valuation, in compliance with the 15th section of the said Act.

Three sales of vessels examined, condemned and sold as wrecks, materials saved and brought to Quebec and sold on account of underwriters and others concerned, and in compliance with the 16th section of the said Act.

Twenty-two copies of reports issued, as per section 21 of the said Act.

Forty-seven vessels of all classes examined and surveyed on account of stranding, collision, &c., and in compliance with section 10 of the Act.

On the 28th of August, 1884, Capt. Munch, master of the Norwegian barque "Aurora," applied to the Council of the Board of Trade to examine into and report on the certificate granted on the above named barque "Aurora," dated 25th August, 1884; also the declaration of François Xavier Paré, diver, of this city.

And on the 29th, at eleven o'clock a.m., attended the meeting convened in the Council Chamber of the Quebec Board of Trade, there to take into consideration the complaint of the above named J. Munch, as under certified by the annexed letter, certified by F. H. Andrews, Secretary.

"We the undersigned President and Councillors of the Québec Board of Trade do hereby certify that, at a meeting of the Council of the said Board, held this day, at your request, to consider a decision of the Port Warden of Quebec, rendered and contained in his certificate *re* barque 'Aurora,' dated Quebec, 25th August, 1884, the said certificate, and also a declaration of François Xavier Paré, diver and salvor, were duly laid before the Council for its consideration, and it was resolved that the certificate of the Port Warden be approved of and confirmed, and that a fee be charged to the said Capt. Munch of ten dollars.

"(Signed) J. SHEHYN, *President.*  
do R. R. DOBELL, *Councillor.*  
do WM. BRODIE, *Councillor.*"

The above is a true copy.

(Signed) F. H. ANDREWS, *Secretary.*

## Amount of fees received and expenses for the current year :—

|                                     |                  |
|-------------------------------------|------------------|
| Total amount received.....          | \$1,609 71       |
| To experts and office expenses..... | 966 15           |
| Balance.....                        | <u>\$ 643 56</u> |

Respectfully submitted,

JOHN DICK,  
*Port Warden.*

Examined and found correct.

WILLIAM BUDDEN, *Accountant.*

## APPENDIX No. 29

REPORT OF PORT WARDEN FOR THE PORT OF HALIFAX FOR THE  
CALENDAR YEAR ENDED 31ST DECEMBER, 1884.PORT WARDEN'S OFFICE,  
HALIFAX, N. S., 31st December, 1884.WM. SMITH, Esq.,  
Deputy Minister of Marine, Ottawa.

SIR,—I have the honour to submit my Report of the affairs of this office, accompanied by a statement of the receipts and expenditure for the past year.

Surveys have been held by me during the year upon forty-six vessels.

The ship "Henry," of and from St. John, N.B., bound to Liverpool, G.B., and the brigantine "American Union," of Philadelphia, Pa., from Brunswick, Ga., bound for Bahia Blanca, which put in here in distress, were sold, as the expense of putting them in a seaworthy condition would exceed their value after the repairs had been effected.

The steel-built steamship "Colonsay," of Glasgow, G.B., deal-laden, from St. John, N.B., bound to Penarth Roads, G.B., arrived here in a damaged condition, having been stranded on Mud Island, near Yarmouth, N. S. The cargo was discharged and the vessel placed upon the marine railway, where, having associated with me a competent mechanical engineer, I held survey upon her. We found a number of plates in the outside bottom fractured, and the inside plating—the vessel having water ballast tanks—uninjured. The owners of the vessel cabled to their agents here that if temporary repairs could be made sufficient to put her in a seaworthy condition to proceed with her cargo to her destination, to have them effected. After due consideration, we decided that the vessel could be temporarily repaired so as to be seaworthy. The repairs were executed in accordance with our recommendations, and after their completion the inboard cargo was reloaded. The master, officers and crew, who, up to this time, had apparently been perfectly satisfied, now objected to proceed to sea in the vessel if the deck load was reloaded. It was decided to leave the deckload behind, and a ticket of seaworthiness was given the vessel. After the vessel was cleared at the Custom house the officers, engineers and crew refused to proceed in her, alleging that she was unseaworthy. A new master and engineers were procured from Great Britain, who, upon their arrival here, were informed of the extent of the damage and of the nature of the repairs made. After examining the hull and machinery they expressed themselves as satisfied that she was seaworthy. A new crew, with the exception of the first officer, who (unsolicited) returned to his duty, was shipped, and the vessel proceeded upon her voyage, and arrived at her destination after a passage of average duration, during which she encountered very heavy weather. The deck load was subsequently sold by order of the parties interested.

Vessels repaired here, having cargoes for other ports, re-loaded them and proceeded to their destinations, where all, now due, have arrived safely.

The cargo saved from the SS. "Daniel Steinmann," which was wrecked at Sambro' Island, N. S., was brought here in a damaged condition, and was sold for the benefit of all concerned.

The cargo saved from the SS. "Amsterdam," which was wrecked at Sable Island, was brought to this port. The sound portion of it was forwarded to its destination, and the damaged portion sold for the benefit of all concerned.

I have the honour to be, Sir,

Your most obedient servant,

DAVID HUNTER,

Port Warden.



*Receipts and Expenditure of the Port Warden, Halifax, N.S., from 1st January to 31st December, 1884.*

Dr.

Cr.

|  | \$ cts.  | \$ cts.  | \$ cts.  |
|--|----------|--|----------|
| To Fees for survey of hatches, stowage and damaged goods ..... |          |  | 509 00   |
| Fees for survey of vessels damaged .....                       |          |  | 527 04   |
| Fees from all other sources .....                              |          |  | 1,749 91 |
| Balance brought down .....                                     | 1,749 91 |  |          |
|  |          | By Paid fees to assistants .....                     |          |
|  |          | Paid office expenses, printing, stationery, &c ..... |          |
|  |          | Balance carried down .....                           | 2,785 95 |
|  |          | Amount reverting to Port Warden .....                | 1,749 91 |
|  |          |  | 2,785 95 |

I hereby certify that the above is a true and correct statement of the receipts and expenditure of the Port Warden at Halifax N.S., during the year 1884.

DAVID HUNTER,  
Port Warden.

APPENDIX No. 30.

REPORT OF THE PORT WARDEN FOR THE PORT OF PICTOU, N.S.,  
FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

PICTOU, N.S., 31st Decembee, 1884.

To WM. SMITH, Esq.,  
Deputy Minister of Marine, Ottawa.

SIR,—I have the honour to submit this my Annual Report on the affairs of this office during the year ended 31st December, 1884, accompanied by the amount of fees collected and expenses during the past year :—

|  |              |
|--|--------------|
| Amount of fees received (all from vessels arriving in damaged condition) ..... | \$285 00     |
| Amount paid to assistants.....   | \$ 95 00     |
| Amount paid for office rent, stationery, &c. ....                              | 5 00         |
| Balance to Port Warden.....  | 185 00       |
|  | ————— 285 00 |
|  | =====        |

I certify that this is correct.

Respectfully submitted,

DANIEL McDONALD,  
*Port Warden.*

Sworn before me at Pictou, N.S., this 29th December, A.D., 1884.

RICHARD JAMES, *J.P.*

APPENDIX No. 31.

REPORT OF THE PORT WARDEN FOR PORT HAWKESBURY, N.S., FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

PORT HAWKESBURY, N.S., 31st December, 1884.

To WM. SMITH, Esq.,  
Deputy Minister of Marine,  
Ottawa.

SIR,—I have the honour to submit Annual Report of the doings of this office, accompanied by a statement of the fees collected by me, and also the attendant expenses during the past year. Enclosed please find a list of vessels arriving at this port in a damaged condition, on which surveys have been held during the year 1884, just ended. The damaged vessels have been all repaired here, and arrived safely at their ports of destination, except the "Elizabeth Ann," of Pictou, whilst on her passage to Boston, sprung her mainmast off Sambro, and put into Halifax.

I have the honour to be, Sir,  
Your obedient servant,

D. W. HENESEY,  
Port Warden.

RECEIPTS and Expenditure of the Port Warden's Office at Port Hawkesbury, from the 31st December, 1883, to the 31st December, 1884.

| Date.       |   | Fees Received. | Paid Assistants. |
|-------------|---|----------------|------------------|
|             |   | \$ cts         | \$ cts.          |
| 1884.       |   |                |                  |
| May 21...   | To Fees for surveys on hull and cargo of brig "C. R. C."..... | 48 00          | 30 00            |
| June 17...  | do do and valuation, brig "Henry's" ....                      | 55 00          | 30 00            |
|             | Survey on hull of schooner "Fanny Young".....                 | 13 00          | 5 00             |
| July 16...  | do schooner "Guide" of Newfoundland.....                      | 8 00           | .....            |
| Aug. 4...   | do held on Wrecking Company's pontoons.....                   | 18 00          | 10 00            |
| do 11...    | do hatches and cargo, brig "Christina".....                   | 5 00           | .....            |
| Sept. 19... | Fees received from survey on brig "Tickler".....              | 33 00          | 20 00            |
| Oct. 7...   | do surveys on brig "Excelsior" of Bermuda..                   | 13 00          | .....            |
| Nov. 4...   | Surveys held on schooner "Elizabeth Ann".....                 | 21 00          | 9 00             |
| do 24...    | Fees on schooner "Kate Wilson," on hull, cargo and reloading  | 58 00          | 31 00            |
|             |   |                | 135 00           |
|             | Amount reverting to Port Warden .....                         | .....          | 137 00           |
|             | Total receipts.....   | 272 00         | 272 00           |

I do hereby certify that the above is a true and correct statement of the receipt<sup>s</sup> and expenditure of the Port Warden at Port Hawkesbury, N.S., during the year 1884.

D. W. HENESEY,  
Port Warden.

List of Damaged Vessels Surveyed by the Port Warden at Port Hawkesbury, for the Year ending 31st December, 1884.

| Date.    | Name of Vessel.    | Rig.        | Where from.      | Were bound.                | Port of Registry. | Description of Cargo.       | Master's Name.   | Nature of Damage.   |
|----------|--------------------|-------------|------------------|----------------------------|-------------------|-----------------------------|------------------|---|
| 1884.    |                    |             |                  |                            |                   |                             |                  |   |
| May 21   | G. R. C.....       | Brig.....   | Arichat.....     | Rio Janeiro.....           | Jersey.....       | Tubs dry fish.....          | E. G. LeCouture  | Stranded on Eddy Point Shoal, Strait of Canso.                  |
| June 17  | Henry's.....       | do.....     | New York.....    | Quebec.....                | Quebec.....       | Hard coal.....              | Fabien Cloutier  | Struck a rock near Green Island, N.S.                           |
|          | Fanny Young...     | Schooner... | Shelburne.....   | Port Hawkesbury.           | Shelburne.....    | Ballast.....                | — Reynolds....   | Struck off Shelburne; keel badly broken up                      |
| July 16  | Guide.....         | do.....     | Bay of Islands.  | Boston.....                | St. Johns, Nfld   | Pickled fish.....           | Edwd. Parsons..  | Leak, caused by stress of weather. Leaking from natural causes. |
| Aug. 4   | Wrecking Pontoons. |             | Isaac's Harbour. | Laid up at Port Hawkesbury |                   |                             |                  |   |
| do       | Christina.....     | Brig.....   | Boston.....      | Port Hawkesbury.           | Halifax.....      | General merchandise         | John Fanning...  | Survey held on hatches and cargo.                               |
| Sept. 19 | Tickler.....       | do.....     | Paspebiac.....   | do.....                    | Jersey.....       | Ballast.....                | Edwd. Hacquoil.  | Stranded at Rockmouch, N. B. Leaking from natural causes.       |
| Oct. 7   | Excelsior.....     | do.....     | Hamilton.....    | Shediac.....               | Bermuda.....      | General merchandise         | W. H. Meyer..... | In collision with steamship "Bonavista" in Strait of Canso.     |
| Nov. 4   | Elizabeth Ann...   | Schooner.   | Pictou.....      | Boston.....                | Pictou.....       | Coal.....                   | Jared DeGoste... | Stranded at McMillan's Point, Strait of Canso.                  |
| do       | Kate Wilson.....   | do.....     | Charlottetown    | St. Johns, Nfld            | Dorchester, N.B   | Potatoes, oats and turnips. | P. W. McDonald   |   |

D. W. HENSEY,  
Port Warden.

PORT WARDEN'S OFFICE,  
PORT HAWKESBURY, 31st December, 1884.

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 APPENDIX No. 32.
 

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 REPORT OF THE PORT WARDEN FOR THE PORT OF NORTH SYDNEY,  
 C.B., FOR THE CALENDAR YEAR ENDED 31<sup>ST</sup> DECEMBER, 1884.

NORTH SYDNEY, C.B., 10th January, 1885.

 To Hon. A. W. McLELAN,  
 Minister of Marine and Fisheries,  
 Ottawa.

SIR,—The undersigned Port Warden for the port of North Sydney, C.B., begs to report as follows:—

In the port of North Sydney, during the year 1884, the following surveys on vessels and steamers loaded, or having sustained damage, numbering in all 27, were held, viz.:—

 15 on sailing vessels and 12 on steamships, amounting in  
 all to..... \$271 00

The expenditure amounted to—

|                      |         |       |
|----------------------|---------|-------|
| For office rent..... | \$50 00 |       |
| Stationery, &c.....  | 10 00   |       |
|                      |         | 60 00 |

|                           |          |
|---------------------------|----------|
| Leaving net proceeds..... | \$211 00 |
|---------------------------|----------|

The falling off in the business of the office has been caused by scarcely any grain loaded steamers having called at this port requiring certificates during the past season.

 DANIEL McKAY,  
*Port Warden.*

## APPENDIX No. 33

REPORT OF THE PORT WARDEN FOR THE PORT OF SYDNEY, C.B.,  
FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

SYDNEY, C.B., 31st December, 1884.

To Hon. A. W. McLELAN,  
Minister of Marine and Fisheries,  
Ottawa.SIR,—I have the honour to submit a Report of the transactions in connection with  
the office of Port Warden at Sydney, C. B., during the past year.I have the honour to be, Sir,  
Your most obedient servant,JOHN LORWAY,  
*Port Warden.*RECEIPTS and Expenditure of the Port Warden at Sydney, C.B., from 31st December,  
1883, to 31st December, 1884.

| DR.  |         |                                    | CR.     |
|--|---------|------------------------------------|---------|
|  | \$ cts. |                                    | \$ cts. |
| To Forty-three steamers entered in my<br>office, at \$8.....           | 344 00  | By Paid fees to assistants.....    | 15 00   |
| Survey on two steamers in regard to<br>load line, with assistants..... | 31 00   | Office rent and stationery.....    | 40 00   |
|  | 375 00  | Balance brought down.....          | 320 00  |
| Balance brought down .....   | 320 00  | Amount reverting to Port Warden... | 320 00  |

JOHN LORWAY,  
*Port Warden.*

SYDNEY, C.B., 31st December, 1884.

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 APPENDIX No. 34.
 

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 REPORT OF THE PORT WARDEN FOR THE PORT OF YARMOUTH, N.S.,  
 FOR THE CALENDAR YEAR ENDED 31<sup>ST</sup> DECEMBER, 1884.

 To WM. SMITH, Esq.,  
 Deputy Minister of Marine, Ottawa.

 YARMOUTH, N.S., 31<sup>ST</sup> December, 1884.

 SIR,—I have the honour to submit my Report as Port Warden for Yarmouth,  
 N.S., for the year ended 31<sup>ST</sup> December, 1884.

|  |                 |
|--|-----------------|
| I have held twenty-one surveys on vessels in distress and on cargoes, the gross proceeds of which amounted to the sum of ..... | \$223 00        |
| Paid out for assistance in surveys.....  | 100 00          |
| Net proceeds .....   | <u>\$123 00</u> |

I have the honour to remain, Sir,

Your obedient servant,

EBENEZER SCOTT,

Port Warden.

## APPENDIX No. 35.

REPORT OF THE PORT WARDEN FOR THE PORT OF CHATHAM, N. B.,  
FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

To Wm. SMITH, Esq.,  
Deputy Minister of Marine, Ottawa.

CHATHAM, N. B., 29th December, 1884.

SIR,—Enclosed herewith please find reports for the year 1884, also Annual Return of the receipts and expenses.

I am, Sir,

Your most obedient servant,

H. A. MUIRHEAD,

Port Warden.

PORT OF CHATHAM, N. B., 6th June, 1884.

At the request of capt. F. Moggile, master of the Italian barque "Ricardo," of Genoa, we, the undersigned, H. A. Muirhead, Port Warden, P. Schroppacom, Master Mariner, E. Bertolotte, Master Mariner, inspected the said barque "Ricardo," lying at the Canada ballast wharf.

We found about 5 feet of outer stem or pipe gone, having come in contact with ice.

The vessel otherwise is in good order and tight, and we consider her perfectly seaworthy to load cargo and proceed to her destination.

Fees..... \$5 00

H. A. MUIRHEAD,

Port Warden.

P. SCHROPPACOM,

E. BERTOLOTTE,

Master Mariners.

PORT OF CHATHAM, N. B., 2nd July, 1884.

At the request of Capt. F. Pettersen, Master of the barque "Mary Durtee," of Yarmouth, N.S., we, the undersigned, have this day surveyed the said barque, on account of her having been on shore at Sandy Hook, Magdalen Islands. We could not find any indication of ship having strained. Had the ship pumped out; while the pumps sucked, sounded the port well and found 15½ inches of water. Sealed the pumps at 5:45 p.m.

July 3rd, 6:25 p.m.—Again visited said vessel, and on sounding the pumps found 23 inches of water, the vessel making 7¾ inches in the 24 hours, not allowing anything for drainage. At the same time and place a diver went under ship's bottom and examined keel and bottom, fore and aft. He reports having found the copper and shoe (about 15 feet from stem) somewhat chafed; found rudder and rudder irons in good order, and in our opinion the vessel is in good order and seaworthy to load cargo and proceed to her destination.

Fees ..... \$30 00

H. A. MUIRHEAD,

Port Warden.

J. L. DELAP,

Master of Barque "Mistletoe."

WM. SINCLAIR,

Master Shipwright.

CHATHAM, 3rd July, 1884.



PORT OF CHATHAM, N.B., 8th July, 1884.

At the request of Captain F. Beauche, master of the barque "Maccabio," of Genoa, we, the undersigned, H. A. Muirhead, Port Warden, James Allan, Master Mariner, and L. Olwari, master of the barque "Guiseppe Emanuel," visited said vessel lying at anchor at Black Brook, Miramichi River. We found the vessel loaded and ready for sea, but crew refusing to proceed, saying vessel was too tender. No other fault. The vessel at the time having her fore and main top-gallant mast and mizzen top-mast on deck, and only about a streak and a-half of list to starboard, which may be caused by having a little extra weight (such as anchors, spars) on the starboard side, otherwise the vessel is well found and in good trim, and, in our opinion, perfectly seaworthy.

Fees..... \$30 00

H. A. MUIRHEAD,

*Port Warden.*

JAMES ALLEN,

*Master Mariner.*

L. OLWARI,

*Master, "Guiseppe Emanuel."*

CHATHAM, N.B., 9th August, 1884.

We, the undersigned, H. A. Muirhead, Port Warden, J. J. Brown, Master Mariner, at the request of Captain John Cox, master of SS. "Hector," of Sunderland, G.B., proceeded in tug "Relief" to Outer Bay of Miramichi, in order to examine and survey the steamer, and to ascertain what damage (if any) the ship received while on the ground at the Horse Shoe. On reaching the vessel, at 5:20 p.m., we sounded the well and found 1 inch of water. We also carefully examined waterways and about the masts, and could not find any mark of straining whatever, the sea at the time vessel was on the ground being perfectly smooth. We carefully examined the hull above water and could not notice anything strained. We are of the opinion that the vessel is in every respect seaworthy, but as the facilities for sighting her bottom are not obtainable at present, we therefore recommend the steamer to proceed to her destination with her cargo, and to be there docked and bottom sighted.

Fees..... \$20 00

H. A. MUIRHEAD,

*Port Warden.*

J. J. BROWN,

*Master Mariner.*

PORT OF CHATHAM, N.B., 28th October, 1884.

At the request of Captain Charles Ganion, Master of the schooner "Mary Eleanor," we, the undersigned, H. A. Muirhead, Port Warden, and James Allen, Master Mariner, went on board said schooner, then lying in the river at Chatham. Captain reported vessel sprung a leak in a gale of wind between North Cape, P. E. I., and Rescuminac, while on passage from Sydney, C.B., bound to Alberton, P.E.I. We find the galley and boat had been washed away, and the Captain reported losing 7 fathoms of 5-inch manilla. Had vessel pumped out; sounded the port well and found she had sucked at 9 inches. After waiting an hour sounded again, and found 19 inches—vessel making at the rate of 10 inches per hour. The Captain informed that he had just received a telegram from the underwriters, ordering him to discharge cargo of coals and caulk vessel, as they would take no risk unless he did so.

Considering the time of the year, and crew refusing to proceed in vessel, we advised him to discharge his cargo and caulk vessel. On examining the vessel we found the iron fastenings of the main sheet-block torn out, also part of pin-rail forward on both sides, all of which will require to be repaired. The main sail and jib also torn, which will also require repairing.

Fees..... \$10 00

H. A. MUIRHEAD,  
*Port Warden.*

JAMES ALLEN,  
*Master Mariner.*

PORT OF CHATHAM, N.B., 12th November, 1884.

At the request of Earl D. Chase, master of the barquentine "Vigilant," of Chatham, N.B., office No. 85,698, we, the undersigned, H. A. Muirhead, Port Warden, James Allen, Master Mariner, and James Carter, Shipwright, proceeded to Tabusintac on Monday, the 10th day of November, 1884, to survey said barquentine "Vigilant," which went ashore in a south-east gale, on the 5th of November, while on a voyage from Bathurst, N.B., for Boston, with a cargo of laths. We arrived at vessel on the morning of the 11th November; found her ashore, bottom up, with head towards shore, on the inside edge of the bar, on the north side of Lower Tabusintac Gully, Crab Island lighthouse bearing west about a-half mile.

We found the mast, sails and rigging floating alongside, the vessel back-broken, stem started from keel, rudder gone, part of the outside planking on port side gone, some of the planking on the starboard bottom started from the timbers, and the greater part of the oakum out of the butts and seams.

We could not tell how much cargo remained in the vessel, but a large quantity of it was scattered along the beaches.

We consider the vessel a total wreck, and owing to the season of the year and the exposed position of the wreck, we recommend the hull, materials and whatever portion of the cargo remains in the vessel (if any) to be sold immediately for the benefit of all concerned.

Fees..... \$42 50

H. A. MUIRHEAD,  
*Port Warden.*

JAMES ALLAN,  
*Master Mariner.*

JAMES CARTER,  
*Shipwright.*

CHATHAM, N.B., 29th December, 1884.

Receipts and expenses in connection with Port Warden's Office at Chatham, N.B.;  
for year 1884.

|                  |                                  | \$ | cts. | \$ | cts.            |
|------------------|----------------------------------|----|------|----|-----------------|
| <b>RECEIPTS.</b> |                                  |    |      |    |                 |
| 1884.            |                                  |    |      |    |                 |
| June 6.....      | Italian barque "Ricardo" .....   |    |      | 5  | 00              |
| July 2.....      | British do "Mary Durkee" .....   |    |      | 30 | 00              |
| do 8.....        | Italian do "Maccabio" .....      |    |      | 30 | 00              |
| Aug. 9.....      | British steamship "Hector" ..... |    |      | 20 | 00              |
| Oct. 28.....     | do schooner "Mary Eleanor" ..... |    |      | 10 | 00              |
| Nov. 12.....     | do barquentine "Vigilant" .....  |    |      | 42 | 50              |
|                  |                                  |    |      |    |                 |
|                  |                                  |    |      |    | <b>\$137 50</b> |
| <b>EXPENSES.</b> |                                  |    |      |    |                 |
| July 2.....      | Paid survey fees.....            |    | 20   | 00 |                 |
| do 8.....        | do .....                         |    | 20   | 00 |                 |
| Aug. 9.....      | do .....                         |    | 10   | 00 |                 |
| Oct. 28.....     | do .....                         |    | 5    | 00 |                 |
| Nov. 12.....     | do and expenses.....             |    | 32   | 50 |                 |
|                  | for stationery and rent .....    |    | 12   | 00 |                 |
|                  |                                  |    |      |    | 99 50           |
|                  |                                  |    |      |    | <b>\$38 00</b>  |

H. A. MUIRHEAD.

APPENDIX No. 36.

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REPORT OF THE PORT WARDEN FOR THE PORT OF ST. ANDREWS,  
N.B., FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

St. Andrews, N.B., 2nd January, 1885.

To Wm. SMITH, Esq.,  
Deputy Minister Marine, Ottawa.

SIR,—There has been no business connected with the Port Warden's office for the Port of St. Andrews for the year ending 1884.

I remain, Sir,

Your most obedient servant,

JOHN WREN.

Sworn to at St. Andrews, N.B., the 2nd day of January, 1885, before me,

JOHN S. MAYER,

*J. P. for the County of Charlotte.*

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APPENDIX No. 37.

REPORT OF THE PORT WARDEN FOR PRINCE EDWARD ISLAND FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

CHARLOTTETOWN, P.E.I., 31st December, 1884.

To WM. SMITH, Esq.,  
Deputy Minister of Marine,  
Ottawa.

SIR,—I have the honour to submit my Annual Report of the business of my office during the past season.

During the past year three barks have arrived in a damaged condition, upon which surveys have been held, and after receiving the necessary repairs took in cargoes and sailed for foreign ports, with the exception of the bark "Lucy Pope," Joseph McDonald, Master, which vessel sailed from the Port of Souris on the evening of the 18th of this month, and when about half way across the Straits encountered a severe gale of wind and snow; the captain put the ship about to run for the port of Georgetown, and in doing so struck on Boughton Island Reef; the ship came off (she then became unmanagable, being iced up in rigging, &c.) and was towed into Georgetown by SS. "Northern Light" in a leaky condition, and will have to discharge cargo.

The brigantine "Grace," laden with a cargo of oats, and ready for sea, on the 19th of this month, dropped down to the harbour's mouth and came to anchor and intended going to sea the following morning, but the severe frost of that night froze the vessel hard and fast, and she will have to remain here for the winter.

We have had an unusual sudden close of navigation this season and severe gales of wind, and regret to say causing damage to shipping. The loss of the brig "Lauretta," of and from this port, abandoned at sea, is reported; crew saved and landed in New York.

I wish to bring to the notice of the Department a gross violation of the 9th and 11th sections of the General Port Warden's Act, on the part of Captain Bowie, master of the schooner "Annie Roy" of Guysboro', N.S., of 90 tons register. The said vessel was chartered to load at Cascumpec for Newfoundland, and did so with oats and other produce. The captain ignored the services of my Deputy at that port and took in cargo, and when loaded applied for a clearance, which was refused, not having the Port Warden's certificate; the captain then took a clearance for Halifax, N.S., and sailed direct for Newfoundland, and has since arrived there.

I have the honour to be, Sir

Your obedient servant,

H. P. WELSH,  
Port Warden.

RECEIPTS and Expenditure of the Port Warden of Prince Edward Island.

|  | \$  | cts. |                             | \$  | cts. |
|--|-----|------|-----------------------------|-----|------|
| 1884—To Fees derived from grain-laden ships..... | 476 | 00   | By Expense of office.....   | 52  | 00   |
| Damaged goods .....                              | 36  | 00   | Commission to Deputies..... | 95  | 90   |
| Surveys on hatches.....                          | 33  | 00   | Balance.....                | 463 | 10   |
| Vessels arriving in distress....                 | 66  | 00   |                             |     |      |
|  | 611 | 00   |                             | 611 | 00   |

I hereby certify that the above is correct.

H. P. WELSH,  
Port Warden.

APPENDIX No. 38.

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REPORT OF THE PORT WARDEN FOR THE PORT OF RIMOUSKI, P.Q.  
FOR THE CALENDAR YEAR ENDED 31<sup>ST</sup> DECEMBER, 1884.

RIMOUSKI, 10th December, 1884.

To the Hon. A. W. McLELAN,  
Minister of Marine and Fisheries,  
Ottawa.

SIR,—I have the honour to submit my Report as Port Warden for the Port of Rimouski. No vessels were examined, and I have collected no moneys.

I have the honour to be, Sir,

Your obedient servant,

ELZÉAR HEPPEL,

*Port Warden.*

APPENDIX No. 39.

STATEMENT showing results of certain Returns respecting Shipping and Discharging of Seamen, received by the Department of Marine and Fisheries in accordance with the provisions of the Act 36 Vic., Chap. 129, from Shipping Masters throughout the Dominion, for the half-years ended 30th June and 31st December, 1884.

QUEBEC.

| Name of Port.         | Name of County. | Name of Shipping Master. | For Half-year ended 30th June, 1884. |                    |         | For Half-year ended 31st December, 1884. |                    |          | Total Seamen Shipped. | Total Seamen Discharged. | Total Amount. |
|-----------------------|-----------------|--------------------------|--------------------------------------|--------------------|---------|--|--------------------|----------|-----------------------|--------------------------|---------------|
|                       |                 |                          | Seamen Shipped.                      | Seamen Discharged. | Amount. | Seamen Shipped.                          | Seamen Discharged. | Amount.  |                       |                          |               |
| Escoumains.....       | Bonaventure...  | John E. Barry.....       | .....                                | .....              | \$ cts. | No returns.....                          | .....              | .....    | .....                 | \$ cts.                  |               |
| Gaspé.....            | Gaspé.....      | Jos. Eiden.....          | 16                                   | 12                 | 11 60   | 38                                       | 14                 | 232      | 26                    | 34 80                    |               |
| Magdalen Islands..... | Gaspé.....      | J. B. F. Painchaud.....  | .....                                | Nil.....           | .....   | .....                                    | No returns.....    | .....    | .....                 | .....                    |               |
| Montreal.....         | Montreal.....   | Geo. Smith.....          | 182                                  | 244                | 213 00  | .....                                    | .....              | .....    | .....                 | .....                    |               |
| New Carlisle.....     | Bonaventure...  | P. C. Beauchesne..       | .....                                | No returns.....    | .....   | 34                                       | 22                 | 23 60    | 34                    | 23 60                    |               |
| New Richmond.....     | Bonaventure...  | R. W. H. Dimock..        | .....                                | Nil.....           | .....   | .....                                    | No returns.....    | .....    | .....                 | .....                    |               |
| Percé.....            | Gaspé.....      | W. Flynn.....            | 6                                    | .....              | 3 00    | 1  | 1                  | 0 80     | 7                     | 3 80                     |               |
| Quebec.....           | Quebec.....     | B. Trudel.....           | 414                                  | 306                | 364 25  | 1,167                                    | 1,323              | 1,415 25 | 1,881                 | 1,779 50                 |               |
| Rimouski.....         | Rimouski.....   | P. L. Gauvreau....       | .....                                | Nil.....           | .....   | .....                                    | Nil.....           | .....    | .....                 | .....                    |               |
| St. John's.....       | St. John's..... | E. D. Philips.....       | .....                                | .....              | .....   | .....                                    | No returns.....    | .....    | .....                 | .....                    |               |
| Sorel.....            | Richelieu.....  | Joseph Mathieu....       | .....                                | No returns.....    | .....   | .....                                    | 13                 | 3 90     | 13                    | 3 90                     |               |
| Three Rivers.....     | Three Rivers... | A. A. Landier.....       | .....                                | .....              | .....   | .....                                    | No returns.....    | .....    | .....                 | .....                    |               |

STATEMENT showing results of certain Returns respecting Shipping and Discharging of Seamen, &c.—Continued.  
NEW BRUNSWICK.

| Name of Port.      | Name of County.     | Name of Shipping Master. | For Half-year ended 30th June, 1884. |                    |                 | For Half-year ended 31st December, 1884. |                    |         | Total Seamen Shipped. | Total Seamen Discharged. | Total Amount. |
|--------------------|---------------------|--------------------------|--------------------------------------|--------------------|-----------------|--|--------------------|---------|-----------------------|--------------------------|---------------|
|                    |                     |                          | Seamen Shipped.                      | Seamen Discharged. | Amount.         | Seamen Shipped.                          | Seamen Discharged. | Amount. |                       |                          |               |
| Alma.....          | Albert.....         | Robert Wright.....       | 15                                   | 7                  | \$ cts.<br>9 60 | 17                                       | 7                  | 10 60   | 14                    | \$ cts.<br>20 20         |               |
| Bathurst.....      | Gloucester.....     | W. J. O'Brien.....       | Nil                                  | Nil                | .....           | .....                                    | .....              | .....   | .....                 | .....                    |               |
| Buctouche.....     | Kent.....           | R. Douglas.....          | 60                                   | 30                 | 39 00           | 156                                      | 40                 | 90 00   | 70                    | 129 00                   |               |
| Chatham.....       | Northumberland..... | J. J. Brown.....         | Nil                                  | Nil                | .....           | .....                                    | .....              | .....   | .....                 | .....                    |               |
| Cocagne.....       | Kent.....           | A. K. Dysart.....        | Nil                                  | Nil                | .....           | .....                                    | .....              | .....   | .....                 | .....                    |               |
| Dalhousie.....     | Restigouche.....    | W. Montgomery.....       | .....                                | .....              | .....           | 5  | 2                  | 3 10    | 2                     | 3 10                     |               |
| Dorchester.....    | Westmoreland.....   | Walter Dobson.....       | .....                                | No returns         | .....           | 25                                       | 24                 | 19 70   | 24                    | 19 70                    |               |
| Fredericton.....   | York.....           | A. F. Street.....        | 2                                    | 4                  | 2 20            | .....                                    | .....              | .....   | .....                 | .....                    |               |
| Grand Manan.....   | Charlotte.....      | T. Wooster.....          | 40                                   | 41                 | 32 30           | 54                                       | 43                 | 39 90   | 84                    | 72 20                    |               |
| Harvey.....        | Albert.....         | W. J. Reid.....          | 8                                    | 4                  | 5 20            | .....                                    | No returns         | .....   | .....                 | .....                    |               |
| Hillsborough.....  | Albert.....         | W. E. Stevens.....       | 35                                   | 4                  | 18 70           | 49                                       | 23                 | 31 40   | 27                    | 50 10                    |               |
| Lepreaux.....      | Charlotte.....      | G. K. Hanson.....        | 2                                    | .....              | 1 00            | .....                                    | Nil                | .....   | .....                 | 1 00                     |               |
| Moncton.....       | Westmoreland.....   | James Robertson.....     | 47                                   | 20                 | 29 50           | 63                                       | 30                 | 40 60   | 50                    | 70 00                    |               |
| Musquash.....      | St. John.....       | A. T. Dunn.....          | 3                                    | 1                  | 1 80            | 6  | 2                  | 3 60    | 3                     | 5 40                     |               |
| New Bandon.....    | Gloucester.....     | F. J. Foley.....         | .....                                | Nil                | .....           | .....                                    | No returns         | .....   | .....                 | .....                    |               |
| Newcastle.....     | Northumberland..... | R. B. Haddow.....        | 4                                    | 1                  | 2 30            | 6  | 4                  | 4 20    | 6                     | 6 60                     |               |
| North Joggins..... | Westmoreland.....   | Rufus C. Ward.....       | .....                                | Nil                | .....           | .....                                    | No returns         | .....   | .....                 | .....                    |               |



|                   |                 | 23                  | 5          | 13 00    | 26         | 13         | 16 90    | 49    | 18    | 29 90    |
|-------------------|-----------------|---------------------|------------|----------|------------|------------|----------|-------|-------|----------|
| Quaco.....        | St. John.....   | J. Carson.....      | No returns | .....    | .....      | .....      | .....    | ..... | ..... | .....    |
| Richibucto.....   | Kent.....       | John Rusk.....      | No returns | .....    | 20         | 4          | 11 20    | 20    | 4     | 11 20    |
| Rockport.....     | Westmoreland    | R. O. Ward.....     | 10         | 8 00     | 13         | 11         | 9 80     | 23    | 21    | 17 80    |
| Sackville.....    | Westmoreland    | J. D. Dixon.....    | .....      | .....    | No returns | No returns | .....    | ..... | ..... | .....    |
| St. Andrews.....  | Charlotte.....  | Samuel Billings.... | 10         | 7 10     | 8          | 13         | 7 90     | 18    | 20    | 15 00    |
| St. George.....   | Charlotte.....  | James McKay.....    | 11         | 5 50     | 7          | 21         | 9 80     | 18    | 21    | 15 30    |
| St. John.....     | St. John.....   | W. H. Purdy.....    | 1,896      | 1,315 50 | 2,160      | 1,566      | 1,549 80 | 4,056 | 2,791 | 2,885 30 |
| St. Stephens..... | Charlotte.....  | H. Webber.....      | 11         | 13 00    | No returns | No returns | .....    | 11    | 25    | 13 00    |
| Shediac.....      | Westmoreland    | Hon. D. Hanington   | .....      | .....    | No returns | No returns | .....    | ..... | ..... | .....    |
| Shippegan.....    | Gloucester..... | Henry A. Sormany.   | Nil        | .....    | No returns | No returns | .....    | ..... | ..... | .....    |

  

|                     |                 | 3                   | 5     | 1 50  | 6          | 3 00  | 9     | 4 50   |
|---------------------|-----------------|---------------------|-------|-------|------------|-------|-------|--------|
| Advocate.....       | Cumberland...   | James Ward.....     | ..... | 1 50  | 6          | 3 00  | 9     | 4 50   |
| Amberst.....        | Cumberland...   | Nathan Tupper.....  | Nil   | ..... | .....      | ..... | ..... | .....  |
| Annapolis.....      | Annapolis.....  | A. Fullerton.....   | 66    | 46 20 | 98         | 65 80 | 164   | 112 00 |
| Antigonish.....     | Antigonish..... | R. Grant.....       | ..... | ..... | .....      | ..... | ..... | .....  |
| Apple River.....    | Cumberland...   | J. W. Ward.....     | 3     | 1 80  | 5          | 3 40  | 8     | 5 20   |
| Arichat.....        | Richmond.....   | D. O' C. Madden.... | 121   | 69 50 | 69         | 58 50 | 190   | 128 00 |
| Aspey Bay.....      | Victoria.....   | D. McDonald.....    | ..... | ..... | No returns | ..... | ..... | .....  |
| Baddeck.....        | Victoria.....   | L. G. Campbell....  | 9     | 4 50  | 23         | 12 40 | 32    | 16 90  |
| Barrington.....     | Shelburne.....  | D. Sargent.....     | 17    | 10 00 | 7          | 4 10  | 24    | 14 10  |
| Bayfield.....       | Antigonish..... | E. G. Randall.....  | ..... | ..... | No returns | ..... | ..... | .....  |
| Belleveau Cove..... | Digby.....      | J. V. Stuart.....   | 16    | 9 50  | 40         | 23 90 | 56    | 29 40  |

NOVA SCOTIA.

STATEMENT showing certain Returns respecting Shipping and Discharging Seamen, &c.—Continued.

NOVA SCOTIA—Continued.

| Name of Port.          | Name of County.  | Name of Shipping Masters. | For Half-year ended 30th June, 1884. |                    |         | For Half-year ended 31st December, 1884. |                    |         | Total Seamen Shipped. | Total Seamen Discharged. | Total Amount. |
|------------------------|------------------|---------------------------|--------------------------------------|--------------------|---------|--|--------------------|---------|-----------------------|--------------------------|---------------|
|                        |                  |                           | Seamen Shipped.                      | Seamen Discharged. | \$ cts. | Seamen Shipped.                          | Seamen Discharged. | \$ cts. |                       |                          |               |
|                        |                  |                           |                                      |                    |         |  |                    |         |                       |                          |               |
| Bear River.....        | Digby.....       | T. H. Miller.....         | .....                                | No returns.....    | .....   | 89                                       | 101                | 89      | 101                   | 74 80                    |               |
| Beaver River.....      | Colchester.....  | R. Perry.....             | 12                                   | .....              | 6 00    | 14                                       | .....              | 26      | .....                 | 13 00                    |               |
| Bridgetown.....        | Annapolis.....   | S. S. Ruggles.....        | .....                                | Nil.....           | .....   | 2  | 2                  | 2       | 2                     | 1 60                     |               |
| St. Bridgewater.....   | Lunenburg.....   | J. H. Wade.....           | 27                                   | 19                 | 19 20   | 76                                       | 95                 | 103     | 114                   | 85 70                    |               |
| Caledonia.....         | Cape Breton..... | James T. Burchell.....    | .....                                | .....              | .....   | .....                                    | No returns.....    | .....   | .....                 | .....                    |               |
| Canada Creek.....      | King's.....      | S. W. Rawling.....        | 7                                    | 6                  | 5 30    | 6  | 4                  | 13      | 10                    | 9 50                     |               |
| Canso.....             | Guysboro'.....   | J. W. Young.....          | 39                                   | 7                  | 21 60   | 25                                       | 3                  | 64      | 10                    | 35 00                    |               |
| Cape Sable Island..... | Shelburne.....   | Seth Smith.....           | 43                                   | 10                 | 24 50   | 25                                       | 15                 | 68      | 35                    | 41 50                    |               |
| Clementsport.....      | Annapolis.....   | G. F. Ditmars.....        | 58                                   | 32                 | 38 60   | 50                                       | 55                 | 108     | 87                    | 80 10                    |               |
| Cornwallis.....        | King's.....      | E. Rand.....              | 43                                   | 34                 | 31 70   | .....                                    | No returns.....    | .....   | .....                 | .....                    |               |
| Cow Bay.....           | Cape Breton..... | W. W. Bown.....           | 32                                   | 4                  | 17 20   | 36                                       | 32                 | 68      | 36                    | 44 80                    |               |
| Digby.....             | Digby.....       | Botsford Viets.....       | 12                                   | 6                  | 7 80    | 19                                       | 15                 | 31      | 21                    | 21 80                    |               |
| Freeport.....          | Digby.....       | Isaiah Thurbet.....       | 4                                    | .....              | 2 00    | .....                                    | No returns.....    | .....   | .....                 | .....                    |               |
| French Cross.....      | King's.....      | J. E. Orpen.....          | 6                                    | .....              | 3 00    | .....                                    | Nil.....           | 6       | .....                 | 3 00                     |               |
| Great Bras d'Or.....   | Cape Breton..... | D. Campbell.....          | .....                                | No returns.....    | .....   | 14                                       | 10                 | 14      | 10                    | 10 00                    |               |
| Guysboro'.....         | Guysboro'.....   | J. A. Tory.....           | 35                                   | .....              | 17 50   | 20                                       | 6                  | 55      | 6                     | 29 30                    |               |

|                   | Halifax     | Halifax        | Ass B. Bligh | 1,667      | 1,040  | 1,148 50 | 1,398      | 1,109  | 1,031 70 | 3,065 | 2,149  | 2,177 30 |
|-------------------|-------------|----------------|--------------|------------|--------|----------|------------|--------|----------|-------|--------|----------|
| Hantsport         | Hants       | J. W. Lawrence | 18           | 40         | 21 00  | 50       | 14         | 29 20  | 68       | 54    | 50 20  |          |
| Harbour au Bouche | Antigonish  | E. Corbet      | 5            |            | 2 50   |          | 4          | 1 20   | 5        | 4     | 3 70   |          |
| Harbourville      | King's      | Henry Morris   | 23           | 3          | 12 40  | 12       | 4          | 7 20   | 35       | 7     | 19 60  |          |
| Horton            | King's      | J. B. Davison  |              |            |        |          | No returns |        |          |       |        |          |
| Isaac Harbour     | Guysboro'   | J. D. Giffin   | 11           | 8          | 7 90   | 2        | 1          | 1 30   | 13       | 9     | 9 20   |          |
| Joggins           | Cumberland  | J. Moffat      | 21           |            | 10 50  | 16       |            | 8 00   | 37       |       | 18 50  |          |
| Jordan Bay        | Shelburne   | M. D. McKenzie | 21           |            | 10 50  | 44       | 26         | 19 80  | 65       | 26    | 30 30  |          |
| La Have           | Lunenburg   | B. Rynard      |              |            |        |          | No returns |        |          |       |        |          |
| Lingan            | Cape Breton | Matthew Roche  |              |            |        |          | No returns |        |          |       |        |          |
| Little Bras d'Or  | Cape Breton | M. McDonald    |              | Nil        |        |          | Nil        |        |          |       |        |          |
| Little Glace Bay  | Cape Breton | J. J. Campbell |              | No returns |        | 44       | 32         | 31 60  | 44       | 32    | 31 60  |          |
| Liscomb           | Guysboro'   | James Hemlow   |              |            |        |          | No returns |        |          |       |        |          |
| Liverpool         | Queen's     | W. A. Kenney   |              |            |        |          |            |        |          | 528   | 280    | 348 00   |
| Lockport          | Shelburne   | George Stalker | 410          | 165        | 254 50 |          |            |        |          |       |        |          |
| Londonderry       | Colchester  | Robert Dill    |              |            |        |          | No returns |        |          |       |        |          |
| Louisburg         | Cape Breton | W. H. McAlpine | 35           | 6          | 19 30  | 7        | 7          | 5 60   | 42       | 13    | 24 90  |          |
| Lunenburg         | Lunenburg   | William Young  | 210          | 304        | 196 20 | 347      | 253        | 258 10 | 557      | 586   | 454 30 |          |
| Mahone Bay        | Lunenburg   | B. Zwicker     |              |            |        |          | No returns |        |          |       |        |          |
| Main à Dieu       | Cape Breton | George Rigby   | 6            | 4          | 4 20   | 10       | 8          | 7 40   | 16       | 12    | 11 60  |          |
| Matland           | Hants       | Alex. Roy      |              | Nil        |        |          | Nil        |        |          |       |        |          |
| Margaree          | Inverness   | James Ross     |              |            |        |          | No returns |        |          |       |        |          |
| Margaretsville    | Annapolis   | D. W. Landers  | 12           |            | 6 00   |          |            |        |          |       |        |          |
| Merigomish        | Pictou      | Robert Murray  |              |            |        |          | No returns |        |          |       |        |          |
| Meteghan          | Digby       | B. A. Robichau |              |            |        |          | No returns |        |          |       |        |          |

STATEMENT showing results of certain Returns respecting Shipping and Discharging of Seamen, &c.—Continued.

NOVA SCOTIA—Concluded.

| Name of Port.           | Name of County.   | Name of Shipping Master. | For Half-year ended 30th June, 1884. |                    |          | For Half-year ended 31st December, 1884. |                    |         | Total Seamen Shipped. | Total Seamen Discharged. | Total Amount.  |
|-------------------------|-------------------|--------------------------|--------------------------------------|--------------------|----------|--|--------------------|---------|-----------------------|--------------------------|----------------|
|                         |                   |                          | Seamen Shipped.                      | Seamen Discharged. | Amount.  | Seamen Shipped.                          | Seamen Discharged. | Amount. |                       |                          |                |
| North Sydney .....      | Cape Breton...    | James Armstrong.         | 99                                   | 43                 | \$ 62 40 | 275                                      | 163                | 186 40  | 374                   | 206                      | \$ cts. 248 80 |
| Parrsborough .....      | Cumberland...     | A. S. Townshend.         | 61                                   | 36                 | 41 30    | .....                                    | No returns         | .....   | .....                 | .....                    | .....          |
| Pictou .....            | Pictou .....      | M. Campbell.....         | 75                                   | 62                 | 56 10    | 163                                      | 98                 | 110 40  | 237                   | 160                      | 166 50         |
| Port Acadie.....        | Digby .....       | A. Bourneuf.....         | 22                                   | 16                 | 15 80    | 32                                       | 12                 | 19 60   | 54                    | 28                       | 35 40          |
| Port Caledonia .....    | Cape Breton ..... | J. J. Campbell.....      | .....                                | .....              | .....    | .....                                    | No returns         | .....   | .....                 | .....                    | .....          |
| Port Gilbert .....      | Digby .....       | R. Sanderson .....       | .....                                | No returns         | .....    | 69                                       | 102                | 65 10   | 69                    | 102                      | 65 10          |
| Port Hawkesbury .....   | Inverness.....    | John Stapleton .....     | 33                                   | 3                  | 17 40    | 28                                       | 16                 | 18 80   | 61                    | 19                       | 38 20          |
| Port Hood .....         | Inverness.....    | E. D. Fremain .....      | .....                                | Nil                | .....    | .....                                    | Nil                | .....   | .....                 | .....                    | .....          |
| Port la Tour .....      | Shelburne .....   | J. W. Taylor .....       | 4                                    | .....              | 2 00     | 6  | 2                  | 3 60    | 10                    | 2                        | 5 60           |
| Port Medway .....       | Queen's .....     | J. J. Leston .....       | 64                                   | 19                 | 37 70    | 36                                       | 31                 | 27 30   | 100                   | 50                       | 65 00          |
| Port Mulgrave .....     | Guysboro' .....   | D. Murray, jun.....      | 18                                   | .....              | 9 00     | 2  | .....              | 1 00    | 20                    | .....                    | 10 00          |
| Port William.....       | King's.....       | G. S. Lockwood .....     | .....                                | No returns         | .....    | 17                                       | 6                  | 10 30   | .....                 | .....                    | .....          |
| Port Williams.....      | Annapolis.....    | W. Graves .....          | 2                                    | .....              | 1 00     | .....                                    | Nil                | .....   | 2                     | .....                    | 1 00           |
| Puaboo .....            | Yarmouth .....    | P. S. D'Entremont.       | 91                                   | .....              | 45 50    | 93                                       | 4                  | 47 70   | 184                   | 4                        | 93 20          |
| Pugwash .....           | Cumberland .....  | J. H. Black.....         | 6                                    | 1                  | 3 30     | 17                                       | 19                 | 14 20   | 23                    | 20                       | 17 50          |
| Batchford's River ..... | Cumberland .....  | F. F. Hatfield.....      | .....                                | .....              | .....    | .....                                    | No returns         | .....   | .....                 | .....                    | .....          |

| Richmond.        | Richmond    | A. McDonald.      | Nil. | 1 00   | 5          | 2 50   | 7   | 3 50   |
|------------------|-------------|-------------------|------|--------|------------|--------|-----|--------|
| St. Ann's        | Cape Breton | D. McAuley        | 2    | 1 00   | 5          | 2 50   | 7   | 3 50   |
| St. Mary's River | Guysboro'   | A. F. Falconer    | Nil. |        | Nil.       |        |     |        |
| St. Peter's      | Richmond    | Donald Urquhart   | 86   | 43 00  | 2          | 1 60   | 88  | 44 60  |
| Sheet Harbour    | Halifax     | M. Macfarlane     |      |        | No returns |        |     |        |
| Shelburne        | Shelburne   | W. W. Atwood      | 151  | 80 30  | 33         | 18 30  | 184 | 98 60  |
| Ship Harbour     | Halifax     | Edgar Hill        |      |        | No returns |        |     |        |
| Sydney           | Cape Breton | R. J. Ingraham    |      |        | do         |        |     |        |
| Thorne's Cove    | Annapolis   | E. H. Porter      |      |        | 8          | 4 30   | 8   | 4 30   |
| Truro            | Colchester  | S. F. Crowe       |      |        | No returns |        |     |        |
| Tatamagouche     | Colchester  | J. A. G. Campbell |      |        | 3          | 1 50   | 3   | 1 50   |
| Wallace          | Cumberland  | Wm. McNab         |      |        | No returns |        |     |        |
| St. Walton       | Hants       | A. McN. Parker    |      |        | 19         | 14 00  | 19  | 14 00  |
| Weymouth         | Digby       | Sterns Jones      |      |        | 68         | 52 00  | 68  | 52 00  |
| Windsor          | Hants       | E. O'Brien        | 52   | 31 40  | 36         | 20 70  | 88  | 51 47  |
| Willmot          | Annapolis   | G. B. Reed        |      |        | No returns |        |     |        |
| Yarmouth         | Yarmouth    | C. W. Clements    | 236  | 181 90 | 384        | 256 80 | 620 | 438 70 |

PRINCE EDWARD ISLAND.

|               |         |                 |     |            |            |       |     |        |
|---------------|---------|-----------------|-----|------------|------------|-------|-----|--------|
| Casampec      | Prince  | James F. White  |     |            | No returns |       |     |        |
| Charlottetown | Queen's | Wm. Koughan     | 124 | 94 90 20   | 81         | 76 20 | 205 | 166 40 |
| Crapaud       | Queen's | S. J. B. Leard  |     | No returns | 6          | 4 20  | 6   | 4 20   |
| Georgetown    | King's  | Charles Owen    | 26  | 16 60      | 53         | 40 90 | 79  | 57 50  |
| Malpeque      | Prince  | J. M. Macvortit |     | Nil.       | Nil.       |       |     |        |

STATEMENT showing certain Returns respecting Shipping and Discharging Seamen, &c.—Concluded.  
PRINCE EDWARD ISLAND—Concluded.

| Name of Port.         | Name of County. | Name of Shipping Master. | For Half-year ended 30th June, 1884. |                    |              | For Half-year ended 31st December, 1884. |                    |              | Total Seamen Shipped. | Total Seamen Discharged. | Total Amount. |
|-----------------------|-----------------|--------------------------|--------------------------------------|--------------------|--------------|--|--------------------|--------------|-----------------------|--------------------------|---------------|
|                       |                 |                          | Seamen Shipped.                      | Seamen Discharged. | Amount.      | Seamen Shipped.                          | Seamen Discharged. | Amount.      |                       |                          |               |
| Montague Bridge.....  | King's .....    | J. M. Aitken.....        | 5                                    | .....              | \$ cts. 2 50 | 6  | 11                 | \$ cts. 6 30 | 11                    | 11                       | \$ cts. 8 80  |
| Murray Harbour.....   | King's .....    | H. J. Brebaut.....       | .....                                | Nil .....          | .....        | .....                                    | Nil .....          | .....        | .....                 | .....                    | .....         |
| Finette .....         | Queen's .....   | A. Murchison.....        | .....                                | Nil .....          | .....        | 2  | .....              | 1 00         | 2                     | .....                    | 1 00          |
| Port Hill .....       | Prince .....    | W. Hopgood.....          | .....                                | 7                  | 2 10         | 6  | .....              | 3 00         | 6                     | 7                        | 5 10          |
| St. Peter's Bay ..... | King's .....    | R. D. McCallum ..        | .....                                | .....              | .....        | .....                                    | No returns         | .....        | .....                 | .....                    | .....         |
| Souris .....          | King's .....    | Michael Foley .....      | 22                                   | 4                  | 12 20        | 24                                       | 2                  | 12 60        | 46                    | 6                        | 24 80         |
| Summerside.....       | Prince.....     | Jacob Schurman...        | 23                                   | 7                  | 13 60        | 27                                       | 14                 | 4 20         | 50                    | 21                       | 17 80         |
| Tignish.....          | Prince.....     | Geo. Conroy.....         | .....                                | .....              | .....        | .....                                    | No returns         | .....        | .....                 | .....                    | .....         |
| West Cape.....        | Prince.....     | Charles Stewart...       | .....                                | .....              | .....        | .....                                    | do                 | .....        | .....                 | .....                    | .....         |

BRITISH COLUMBIA.

|                     |               |                   |       |       |       |       |            |       |       |       |       |
|---------------------|---------------|-------------------|-------|-------|-------|-------|------------|-------|-------|-------|-------|
| Burrard Inlet ..... | N. Westminstr | Isaac Johns ..... | 63    | 134   | 71 70 | ..... | No returns | ..... | 63    | 134   | 71 70 |
| Victoria .....      | Victoria..... | W. Hamley .....   | ..... | ..... | ..... | ..... | do         | ..... | ..... | ..... | ..... |

## APPENDIX No. 40.

REPORT OF THE MONTREAL HARBOUR POLICE FOR THE FISCAL YEAR  
ENDED 30TH JUNE, 1884.

MONTREAL, 3rd December, 1884.

WILLIAM SMITH, Esq.,  
Deputy Minister of Marine, Ottawa.

SIR,—I have the honour to submit the Annual Report of the Government Harbour Police for the fiscal year ended 30th June, 1884.

As regards the number of persons arrested, there has been a decrease of 41, the total being 871, against 913 last year. A schedule showing the nature of the offences committed is annexed.

It having been found impracticable to give the police protection called for to the shipping visiting the port, and loud and persistent representations having been made to the Department by the merchants and shipowners of the injustice of levying a tax for which no equivalent was given, a further increase to the number of constables was granted in August, when the force consisted of 1 Chief, 3 Sergeants and 34 men, making, with the Inspector, who is also Agent of Marine, 39 all told.

The distance to be patrolled, from above the Wellington Bridge, on the Lachine Canal, to the wharf at Victor Hudon's cotton factory, is over five miles, and, as you are practically aware, the present number cannot give the surveillance demanded and required by the port.

During the present season 22 persons were drowned, and about an equal number rescued from a similar fate.

Permit me to thank you for the support afforded to me in the carrying out of the details of my office, as well as for the valuable information so freely given for my guidance in the performance of my combined duties.

I have the honour to be, Sir,

Your very obedient servant,

H. ST. A. ORMOND,

*Agent Marine, and Inspector Government Harbour Police.*

Return of prisoners arrested by the Government Harbour Police of Montreal for the fiscal year ended 30th June, 1884.

|           | Broaching ship's cargo. | Drunk. | Sailors refusing duty. | Drunk and fighting on the wharves. | Sailors deserting their ships. | Sailors drunk on board. | Sailors drunk and fighting on board. | Sailors placed on board ship. | Drunk and resisting the police. | Assaulting the police. | Sailors threatening their officers. | Cruelty to animals. | Drunk and disorderly on the wharves. | Sailors assaulting their officers. | Crimping. | Suspicion of deserting. | Obstructing on board ship. | Interfering with the police. | Carters impeding on the wharves. | Attempting to commit suicide. | Bathing in the river. | Assault and battery. | Vagrancy. | Passing bad money. | Stowaways. | Protection. | Total. |       |
|-----------|-------------------------|--------|------------------------|------------------------------------|--------------------------------|-------------------------|--------------------------------------|-------------------------------|---------------------------------|------------------------|-------------------------------------|---------------------|--------------------------------------|------------------------------------|-----------|-------------------------|----------------------------|------------------------------|----------------------------------|-------------------------------|-----------------------|----------------------|-----------|--------------------|------------|-------------|--------|-------|
| 1883.     |                         |        |                        |                                    |                                |                         |                                      |                               |                                 |                        |                                     |                     |                                      |                                    |           |                         |                            |                              |                                  |                               |                       |                      |           |                    |            |             |        |       |
| July      | .....                   | 8      | 10                     | 3                                  | 12                             | 4                       | 5                                    | 20                            | 4                               | 3                      | 2                                   | 2                   | 2                                    | 6                                  | 1         | 1                       | 3                          | 4                            | 3                                | 2                             | 3                     | 3                    | 1         | .....              | 7          | 18          | 145    |       |
| August    | .....                   | 12     | 3                      | 2                                  | 7                              | 5                       | 2                                    | 25                            | 3                               | 1                      | 1                                   | 1                   | 1                                    | 7                                  | 1         | 3                       | 3                          | 3                            | 1                                | 1                             | 6                     | 4                    | 1         | .....              | 12         | 15          | 136    |       |
| September | .....                   | 12     | 2                      | 3                                  | 3                              | 2                       | 2                                    | 37                            | 3                               | .....                  | 5                                   | 1                   | 5                                    | 1                                  | .....     | 7                       | 2                          | 2                            | 2                                | 3                             | 2                     | 2                    | 3         | .....              | 1          | 15          | 120    |       |
| October   | .....                   | 1      | 10                     | 8                                  | 6                              | 4                       | 2                                    | 4                             | 1                               | .....                  | 1                                   | 1                   | 1                                    | 1                                  | .....     | 9                       | 1                          | 1                            | 3                                | 1                             | .....                 | .....                | .....     | .....              | .....      | 12          | 122    |       |
| November  | .....                   | 7      | 2                      | 4                                  | 2                              | 3                       | 1                                    | 32                            | 1                               | .....                  | 1                                   | 1                   | 6                                    | 1                                  | .....     | 4                       | 1                          | 1                            | 3                                | .....                         | .....                 | 1                    | .....     | .....              | 8          | 70          |        |       |
| December  | .....                   | .....  | .....                  | .....                              | .....                          | .....                   | .....                                | 20                            | 3                               | .....                  | .....                               | .....               | .....                                | .....                              | .....     | .....                   | 1                          | .....                        | .....                            | .....                         | .....                 | .....                | .....     | .....              | .....      | 10          | 10     |       |
| 1884.     |                         |        |                        |                                    |                                |                         |                                      |                               |                                 |                        |                                     |                     |                                      |                                    |           |                         |                            |                              |                                  |                               |                       |                      |           |                    |            |             |        |       |
| January   | .....                   | .....  | .....                  | .....                              | .....                          | .....                   | .....                                | .....                         | .....                           | .....                  | .....                               | .....               | .....                                | .....                              | .....     | .....                   | .....                      | .....                        | .....                            | .....                         | .....                 | .....                | .....     | .....              | .....      | .....       | .....  | ..... |
| February  | .....                   | .....  | .....                  | .....                              | .....                          | .....                   | .....                                | .....                         | .....                           | .....                  | .....                               | .....               | .....                                | .....                              | .....     | .....                   | .....                      | .....                        | .....                            | .....                         | .....                 | .....                | .....     | .....              | .....      | .....       | .....  | ..... |
| March     | .....                   | .....  | .....                  | .....                              | .....                          | .....                   | .....                                | .....                         | .....                           | .....                  | .....                               | .....               | .....                                | .....                              | .....     | .....                   | .....                      | .....                        | .....                            | .....                         | .....                 | .....                | .....     | .....              | .....      | .....       | .....  | ..... |
| April     | .....                   | .....  | .....                  | .....                              | .....                          | .....                   | .....                                | .....                         | .....                           | .....                  | .....                               | .....               | .....                                | .....                              | .....     | .....                   | .....                      | .....                        | .....                            | .....                         | .....                 | .....                | .....     | .....              | .....      | .....       | .....  | ..... |
| May       | .....                   | 6      | 9                      | 5                                  | 3                              | 2                       | 10                                   | 28                            | 4                               | 2                      | 1                                   | .....               | 4                                    | 1                                  | .....     | 2                       | 2                          | 3                            | 2                                | 2                             | 2                     | 5                    | .....     | 2                  | 10         | 121         |        |       |
| June      | .....                   | 7      | 12                     | 9                                  | 10                             | 5                       | 4                                    | 30                            | 5                               | 6                      | 1                                   | 1                   | 3                                    | 2                                  | .....     | 3                       | 2                          | 2                            | 3                                | .....                         | 2                     | 5                    | .....     | 1                  | 13         | 147         |        |       |
|           | .....                   | 16     | 70                     | 39                                 | 34                             | 21                      | 49                                   | 192                           | 23                              | 14                     | 12                                  | 8                   | 36                                   | 7                                  | 2         | 35                      | 14                         | 14                           | 14                               | 6                             | 15                    | 15                   | 16        | 4                  | 23         | 101         | 871    |       |

GEORGE MURPHY,  
Chief G. H. P.

To H. St. A. ORMOND, Esq.,  
Agent Marine and Fisheries, and Inspector of Police.



## APPENDIX No. 41.

REPORT OF THE QUEBEC RIVER POLICE FOR THE CALENDAR YEAR  
ENDED 31st DECEMBER, 1884.

QUEBEC, 10th December, 1884.

WILLIAM SMITH, Esq.,  
Deputy Minister of Marine, Ottawa.

SIR,—I have the honor to submit, for the consideration of the Hon. the Minister of Marine and Fisheries, my seventh Annual Report as Chief of the Government River Police at this port.

On the first of May the force resumed its duties with the following staff, viz:—  
The Chief, who is also Shipping Master, at a salary of \$1,500 per annum for joint offices, with Mr. James Cunningham acting as Deputy Chief, at \$2.40 per day, for the season.

Five coxwains, at \$1.90, and 26 constables, at \$1.50 per diem, and 2 engineers, at \$50 per month.

From the above rate of wages the amount of 25 cents per day was monthly retained as guarantee of their good conduct, and same having proved satisfactory, this amount was paid them at the close of the season's service.

Nothing worthy of the special attention of the Department occurred during the season, which has been an exceptionally quiet one.

I have the honour to be, Sir,

Your most obedient servant,

BENJ. TRUDEL,

*Chief of Government River Police and Shipping Master.*

## APPENDIX No. 42.

LIST of Persons to whom Rewards have been granted by the Government of the Dominion of Canada, from 1st January to 31st December, 1884, for gallant and humane services rendered in Saving Life from Shipwrecked Canadian Vessels, or by British or Foreign Governments for similar services in Saving Life from Shipwrecked British and Foreign Vessels for same period.

| Names and Designation of Persons.   | Nature of Service Rendered.  | Date of Service Rendered. | Description of Rewards Granted.  |
|---|--|---------------------------|--|
| <b>Capt. Esra C. Roach</b> , master of barque "Brazil," of Yarmouth, N.S.   | Services in rescue of crew of American schooner "Nellie Bell."   | April 2, 1879             | A gold watch by United States Government.  |
| <b>Messrs Michael and Moses Nolan</b> , of Ingonish, N.S.   | Services saving life at North Bay....  | June — 1881               | A binocular glass to each.   |
| <b>Miss Bertha Grace Boyd</b> .....   | Saving life at St. Croix River, N.B...   | Oct. — 1882               | A gold watch.  |
| <b>Messrs. Gardner F. Goold and Harvey Tingley</b> , of schooner "Belaetta," of St. John, N.B.  | Services saving life at sea of a seaman of the "Belaetta."   | March — 1883              | A silver watch to each.  |
| <b>Wm. H. Kelly</b> , of Whitehall, N.Y.  | Services saving a man from drowning at Three Rivers, Que.  | June 16, 1883             | A silver watch.  |
| <b>Capt. Colin McKenzie and Capt. Alf McLeod, James Cole, Wm. McKenzie, M. Praught, H. Fyfe, James Jones, D. Praught, E. Warren and John Doyle.</b>   | Services in rescue of shipwrecked crew of the "Marco Polo," of Norway.   | July 25, 1883             | A silver watch to each captain, and \$10 to each of the men.   |
| <b>Capt. Wm. Ward, Capt. Wm. D. Andrews and Mr. John Patry.</b>   | Humane exertions in saving life in Toronto Harbour.  | July 27, 1883             | A binocular glass to each.   |
| <b>Capt. St. Cyr, François Journeil and master André Daniel Labat</b> , of the French steamship "Château Lafite."   | Humane and praiseworthy conduct in rescue of the shipwrecked crew of the brig "Teviot," of Liverpool, N.S., abandoned as a total loss on a voyage from Cow Bay, N.S., to St. Jago de Cuba. | Aug. 26, 1883             | A binocular glass to captain; a gold watch to master.  |
| <b>Henry James</b> , chief officer; <b>John O'Toole</b> , 3rd officer; <b>Capt. A. H. Luskhurst, D. Cameron, H. Chinnery, John Kroon, W. Philpot and Wm. Curry</b> , seamen; all of steamship "Scotland," of London, Eng. | Services in rescue of shipwrecked crew of brigantine "Minnie Louise," of Port Hawkesbury, N.S., abandoned off Cape Race, Nfld.   | Nov. 18, 1883             | A gold watch to chief officer; a silver watch to 3rd officer; a binocular glass to captain; \$12 to two first seamen, and \$10 each to the others. |

## List of Persons to whom Rewards have been granted by the Government of the Dominion of Canada, &amp;c.—Continued.

| Names and Designation of Persons.   | Nature of Service Rendered.   | Date of Service Rendered. | Description of Rewards Granted.                                    |
|---|---|---------------------------|--|
| Victor Guerrier, pilot. ....  | Courageous conduct in rescue of portion of shipwrecked crew of the barque "Mary Wiggins," of Windsor, N.S., stranded and broken to pieces near Havre, France. | Nov. 30, 1883             | A gold medal.  |
| Miss Charlotte J. Cross, of Lansdowne, Ont.   | Services saving life on River St. Lawrence.   | Dec. 22, 1883             | A gold watch.  |
| Capt. Enoch Huntley, of schooner "Libbie T." of Halifax, N.S.   | Services saving life of shipwrecked crew of schooner "Evergreen," of St. John, N.B., capsized off Mount Desert.   | Dec. —, 1883              | A letter of thanks.  |
| Alex. Gilkie and Stewart McKie, keepers of Sambro Light Station; James Collins, Frederic Keyworth and Richard Redding, gunners of Royal Artillery.  | Services in rescue of shipwrecked crew of Belgian vessel "Daniel Steinman."   | April 4, 1884             | Civic medal of the 1st class to each man, from Belgian Government. |
| Capt. Joseph Oakley, George Larkin, Peter Kanutson, Samuel Nelson, Albert Nelson, Peter Iverson and Henry Smith, of the schooner "Zenobia," of Gloucester, Mass.  | Services in rescue of shipwrecked crew of the steamer "George Calhoun," of St. John, N.B., wrecked near Highland Light, Cape Cod.                             | do 6, 1884                | A binocular glass to Capt. Oakley; \$10 to each man of the crew.   |
| Capt. Giuseppe Vecarina, master Austrian barque "Nehaj."  | Services to shipwrecked crew of brigantine "Lillie Sleightholm," of Barrington, N.S., foundered at sea.   | do 14, 1884               | A binocular glass.   |
| Messrs. Elisha West, Robert Doggett, George West, Edward Cook, William Doggett, Ralph Doggett, Charles Doggett, W. H. Doggett, Wm. Inness, fishermen, of White Point, Queen's Co., N.S.   | Services in rescue of steamship "Valetta," lost on the Brazil Rock, off Port Mouton, N.S.   | do 25, 1884               | \$10 to each.  |
| Captain of the Port of Monte Video; Luis Toch, Bartolo Rosas, Antoine Oaste, sailors, and Francesco Ortez.  | Services in rescue of the shipwrecked crew of brigantine "Eleanor," of Halifax, N.S.  | do 25, 1884               | A letter of thanks to the captain and £4 to each of the men.       |
| Neil McKenzie, Michael McKenzie, sen., Michael McKenzie, jun., Stephen Sutherland, Andrew Simpson, Alexander McKenzie, W. W. McGrath, Polycarp McAdam, Wm. Findlay, W. McGrath, jun., and Ambrose Barry, inhabitants of St. Peter's Bay, P.E.I. | Services in rescue of shipwrecked crew of the steamship "Tunstall," of Montreal.  | May 13, 1884              | \$5 each.  |

LIST of Persons to whom Rewards have been granted by the Government of the Dominion of Canada, &c.—*Continued.*

| Names and Designation of Persons.  | Nature of Service Rendered.   | Date of Service Rendered. | Description of Rewards Granted.   |
|--|---|---------------------------|---|
| Capt. David L. Smith, of the American schooner "B. T. Crocker," of Provincetown, Mass.   | Services in rescue of shipwrecked crew of schooner "Queen of the East," abandoned at sea off Whitehead.                     | May 25, 1884              | A binocular glass.  |
| Capt. Kilgallen, Joseph McGowan, steward; Samuel Kelley, George Rouse, Seva Knudson and Fred. Collard, seamen of ship "Eurydyce," of St. John, N.E.                        | Services in rescue of shipwrecked crew of "Little Racer," of Padstow.   | .....                     | A silver medal to captain and £2 to steward and each of the seamen, by the Imperial Government. |
| Capt. W. D. Andrews, of Toronto.   | Services saving life in Toronto Harbour.  | Aug. 5, 1884              | A letter of thanks.   |
| John J. Campbell, master of fishing boat, and John McPhee.   | Rescuing the sole survivor of the ill-fated schooner "Welcome," of Lunenburg, N.S., off North Lake, near East Point, P.E.I. | Aug. 31, 1884             | \$10 to each man.   |
| Benjamin Fulker, light-keeper, John Henneberry, James Henneberry, David Henneberry, William Henneberry, Charles Faulkner, Richard Potter, Charles Walsh and Thomas Edwards | Services in rescuing shipwrecked crew of the schooner "John Wesley," of Liverpool, N.S., at Devil's Island, N.S.            | Sept. 26, 1884            | \$8 to light-keeper, and \$5 to each of the men.  |
| Jackson Bougard and Captain S. Monck.  | Services saving life on different occasions at Poplar Point, Lake Ontario.  | .....                     | A silver watch to each.   |
| Captain Randall Ryan, of brigantine "Hattie Rich," of Lockport, N.S., and Mr. George Stalker, collector of Customs, Lockport, N.S.   | Services in directing movements that resulted in the rescue of the crew of the American schooner "Priscilla T. Wellets."    | March 5, 1884             | A gold watch to captain and letter of thanks to the collector by the United States Government   |
| Captain Spaulding, master of barkentine "Chelmsford," of Quebec.   | Services rescuing crew of American schooner "William Hare," sunk by an unknown bark.  | Dec. —, 1883              | A gold medal by the United States Government.   |

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# PRELIMINARY REPORT

—ON THE—

# FISHERIES OF CANADA

FOR THE YEAR

1884.

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Printed by Order of Parliament.

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OTTAWA:  
PRINTED BY MACLEAN, ROGER, & CO., WELLINGTON STREET.  
1885.



FIRST REPORT  
OF THE  
DEPUTY MINISTER OF FISHERIES,  
FOR THE YEAR 1884.

To the Honourable

ARCHIBALD WOODBURY McLELAN,  
Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith a preliminary report on the Fisheries Service of the Dominion for the past calendar year, together with statements of official transactions for the fiscal year ending 30th June, 1884.

Owing to the remoteness of several districts and the difficulty of access to others, it is impossible to collect and compile all the returns in time for submission to Parliament on its meeting.

In the Province of Ontario, fishing operations extend to the close of navigation, while in Nova Scotia, New Brunswick and Prince Edward Island, fishermen are actively engaged up to the end of the year. It is, however, expected that the returns will be available in season to admit of a complete report being issued, before the close of the Session.

ORGANIZATION OF THE DEPARTMENT OF FISHERIES.

The Statute 47 Vic., cap. 18, divided what was hitherto known as the Department of Marine and Fisheries into two Departments, to be respectively called the Department of Marine and the Department of Fisheries, over both of which the Minister of Marine and Fisheries, for the time being, shall preside and of which he shall have the management, charge and direction.

On the 1st July 1884, a Deputy Head was appointed, with the title of "Deputy Minister of Fisheries," and the necessary staff of officers allotted from what formerly constituted the Department of Marine and Fisheries.

DUTIES.

The duties of the Department of Fisheries consist principally in the administration of all laws relating to the subject of sea, coast or inland fisheries; the management, regulation and protection thereof, and all matters and things relating thereto or assigned by the Governor in Council to the said Department.

Under this latter head is included the payment of Fishing Bounties, necessitating an enormous amount of labour which could not conveniently and satisfactorily be performed outside the Department.

### PRODUCE OF THE FISHERIES.

The total value of the Fisheries of Canada, for the year 1884, may be approximately stated as follows:—

|                                |              |
|--------------------------------|--------------|
| Nova Scotia . . . . .          | \$8,736,264  |
| New Brunswick . . . . .        | 3,730,453    |
| Quebec (estimated) . . . . .   | 1,800,000    |
| British Columbia do . . . . .  | 1,500,000    |
| Ontario do . . . . .           | 1,000,000    |
| Prince Edward Island . . . . . | 1,086,004    |
|                                | —————        |
| Total                          | \$17,852,721 |

Showing a total value of \$17,852,721, exclusive of Manitoba and the North-West Territories, from which there are yet no returns.

The value for 1883 was given at \$16,958,192. This would probably show an increase of over \$1,000,000, were the yield of Manitoba and the North-West Territories added.

### GENERAL REMARKS.

#### *Nova Scotia.*

From the returns already received, there are good grounds for expecting that the fisheries of this Province will not only maintain the improvement of the last few years but will show a large increase over any former year.

The indications are that, while this improvement will be found to embrace nearly all kinds of fish, it is expected to be most marked in mackerel, cod, herring and lobsters.

The encouragement offered by the bounty has largely increased the number of vessels and boats engaged in the deep-sea and shore fisheries. There will probably be a decreased catch of shad in Nova Scotia, but the falling off which marked the previous year's catch of alewives will be more than compensated by the improved catch of the past year.

Pollock, hake and haddock may possibly fall short, but this is to be attributed more to local causes than to a scarcity of these fish.

#### *New Brunswick.*

From this Province the returns now in would indicate a large increase in the yield of its fisheries.



A most gratifying feature of these returns is the general improvement shown in the salmon fishery, which extends to almost every district in which this fishery is pursued.

Bass, smelt, herring and lobsters will show largely increased catches.

Shad and alewives also share in the general improvement, but the sturgeon fishery will show a large falling off from former years.

In some districts the herring fishery will not be so productive, while in others it will show a largely increased catch. This is no doubt due to the erratic movements of the schools of this fish, which, while never leaving our coasts, change their habitat according to temperature, weather and the location of their favourite food.

#### *Quebec.*

The late date at which the ice left in spring and the stormy weather which almost constantly prevailed in the Gulf during the fishing season of 1884, will cause a considerable decrease in the catch of all kinds of fish.

Herring and lobsters may possibly show a slight increase.

The decrease in the catch of salmon on the south shore in Gaspé and Bonaventure will probably be more than counterbalanced by the increased catch on the north shore.

More interest than usual was taken in the mackerel fishery and considerable outlay was made by local fishermen; but the unfavourable weather doubtless affected the movements of the schools, which did not go to the west of Cape Breton, and the catch made was inconsiderable.

The inland fisheries will probably show a large decrease as compared with the catch of 1883.

This falling off, which was noticeable in almost every kind of fish, is due more to a prevalence of contrary winds and stormy weather than to any scarcity of fish.

All the fishery overseers on the south shore agree upon this point.

On the north shore, especially in the Saguenay division, fishing was not carried on so extensively as heretofore; other industries giving employment to the population.

Above Quebec, and in the interior, the stormy weather being less felt, the yield of the fisheries will be about the same as last year.

#### *Prince Edward Island.*

The stormy and unfavourable weather that prevailed in the Gulf extended also to the Straits, and had the same effect on the Island fisheries.

The returns will probably show a large falling off in all kinds of fish, but will be most marked in mackerel.

The single exception will be the lobster fishery, which, contrary to general expectation, has been good, and the returns will, in all likelihood, show a considerable increase over the very large catch of last year.

The enormous extent to which this fishery has been developed and the constantly increasing number of factories and fishermen have led to much confusion. It will be advisable, in the interest of this fishery, as well as of those engaged in it, to make such amendments in the Fisheries Act as will bring this and all other fisheries under the more effective control of the Department.

#### *Ontario.*

The total value of the fisheries in the Province of Ontario may be fairly estimated at \$1,000,000.

On Lake Superior and Georgian Bay, the individual catches will not much exceed those of last year, but the number of fishermen was larger and the aggregate yield must consequently have increased.

The severe stormy weather which prevailed during the first part of November, greatly interfered with the fishermen's operations by damaging or destroying a large amount of twine and driving the runs of fish off the reefs; but it is expected that, on the whole, the result will be satisfactory.

A large increase in the catch of whitefish is expected on Lakes Erie and Ontario.

The early completion of the Canada Pacific Railway and the settlement of the country north of Lakes Huron and Superior will necessitate the appointment of additional officers to enforce the fishery laws and regulations and protect the valuable fish of these regions.

#### *British Columbia.*

No returns were received from the above named Province in time to be available for this report, but reliable information leads to the conclusion that a considerable increase in the yield will be shown.

A fish hatchery, measuring 100 x 40 feet, was built during last season on the Fraser River. It will easily accommodate 3,000,000 *Quinnat* salmon eggs, or 5,500,000 *Sax-quái* salmon ova. By doubling the trays, double this number of eggs can be laid down. The catching of parent salmon began about the beginning of July, and by the close of the season 3,000,000 eggs were on the trays. The operations, although novel, were highly successful and reflect credit upon the officer in charge, Mr. Thomas Mowat.

#### *Manitoba and the North-West Territories.*

The dates hitherto determined upon as close seasons for whitefish in the Province of Manitoba and the North-West Territories having proved utterly inadequate,

others will have to be substituted so as to afford full and complete protection to this valuable fish during its breeding season.

An Inspector, Mr. Alex. McQueen, of Winnipeg, vested with magisterial powers, has been appointed, as well as a resident Fishery Overseer, Mr. F. C. Gilchrist, of Fort Qu'Appelle, for the Qu'Appelle district and vicinity. The system will be gradually extended, as circumstances may demand, and other officers located at places where most needed.

#### EXPENDITURE.

The total expenditure for the Fishery Service during the financial year ending 30th June, 1884, amounted to \$116,531.66, as follows:—

|  |             |
|--|-------------|
| General service.....   | \$69,011 06 |
| Fish breeding.....   | 27,585 07   |
| Maintenance of fisheries protection steamer, "La<br>Canadienne"..... | 19,935 53   |

This expenditure is sub-divided as follows:—

#### *Nova Scotia.*

|  |                   |
|--|-------------------|
| Fishery officers' salaries and disbursements.. | \$15,600 01       |
| Fish-breeding .....                            | 4,728 11          |
|  | ————— \$20,328 12 |

#### *New Brunswick.*

|  |                 |
|--|-----------------|
| Fishery officers' salaries and disbursements.. | \$14,388 02     |
| Fish-breeding .....                            | 2,327 06        |
|  | ————— 16,715 08 |

#### *Quebec.*

|  |                 |
|--|-----------------|
| Fishery officers' salaries and disbursements.. | \$13,186 26     |
| Fish-breeding.....                             | 8,512 11        |
|  | ————— 21,698 37 |

#### *Prince Edward Island.*

|  |                |
|--|----------------|
| Fishery officers' salaries and disbursements.. | \$2,767 98     |
| Fish-breeding.....                             | 771 40         |
|  | ————— 3,539 38 |

#### *British Columbia.*

|  |                |
|--|----------------|
| Fishery officer's salaries and disbursements.. | \$2,231 97     |
| Building Fish Hatchery.....                    | 3,704 31       |
|  | ————— 5,936 28 |

*Ontario.*

|  |             |                 |
|--|-------------|-----------------|
| Fishery officers' salaries and disbursements.. | \$15,192 73 |                 |
| Fish-breeding .....                            | 8,011 17    |                 |
|  |             | ————— 23,203 90 |

*Manitoba.*

|  |           |
|--|-----------|
| Fishery officers' salaries and disbursements.....  | 872 40    |
| Fisheries protection vessel " La Canadienne "..... | 19,935 53 |

*Miscellaneous.*

|  |            |                |
|--|------------|----------------|
| Legal and incidental expenses.....           | \$1,003 72 |                |
| Advertising .....                            | 63 66      |                |
| Fish-breeding, salary of Superintendent..... | 1,999 96   |                |
| do building fishways, &c.....                | 1,235 26   |                |
|  |            | ————— 4,302 60 |

Total..... \$116,531 66

The expenses incurred for fish culture are also sub-divided as follows, among eleven fish hatcheries :—

*Ontario.*

|                |            |                  |
|----------------|------------|------------------|
| Newcastle..... | \$4,985 05 |                  |
| Sandwich ..... | 3,026 12   |                  |
|                |            | ————— \$8,011 17 |

*Quebec.*

|   |            |                |
|---|------------|----------------|
| Tadoussac.....                          | \$2,232 25 |                |
| Gaspé Basin.....                        | 1,932 43   |                |
| Magog.....                              | 2,009 32   |                |
| Ristigouche (Quebec and New Brunswick). | 2,338 11   |                |
|   |            | ————— 8,512 11 |

*Nova Scotia.*

|                    |            |                |
|--------------------|------------|----------------|
| Bedford Basin..... | \$2,639 85 |                |
| Sydney .....       | 2,088 26   |                |
|                    |            | ————— 4,728 11 |

*New Brunswick.*

|                     |            |                |
|---------------------|------------|----------------|
| Miramichi.....      | \$1,226 14 |                |
| St. John River..... | 1,100 92   |                |
|                     |            | ————— 2,327 06 |

*Prince Edward Island.*

|                 |        |
|-----------------|--------|
| Dunk River..... | 771 40 |
|-----------------|--------|

*Miscellaneous.*

|   |            |             |
|---|------------|-------------|
| Salary of Superintendent .....              | \$1,999 96 |             |
| Building fish-ways and incidental expenses. | 1,235 26   |             |
|   |            | 3,235 22    |
| Total.....                                  |            | \$27,585 07 |

## RECEIPTS.

The collections made during the fiscal year are arranged under the following heads:—

*Ontario.*

Rents, license fees and fines..... \$11,345 14

*New-Brunswick.*

Rents, taxes on nets, and fines..... 3,905 66

*Quebec.*

Rents, license fees and fines.. ..... 2,715 02

*Nova Scotia.*

Fishery licenses and fines..... 1,833 18

*British Columbia.*

Salmon fishery licenses..... 127 50

*Prince Edward Island.*

License fees..... 80 00

20,006 50

## LICENSES ISSUED.

The number of fishery licenses issued during the season of 1884 is as follows:—

*Ontario.*

|                               |       |       |
|-------------------------------|-------|-------|
| Gill-net license.....         | 472   |       |
| Hoop-net do .....             | 75    |       |
| Pound-net do .....            | 111   |       |
| Seine do .....                | 304   |       |
| Angling permits.....          | 1,909 |       |
| Spearing licenses.....        | 72    |       |
| Dip-nets and night lines..... | 46    |       |
|                               |       | 2,989 |

| <i>Quebec.</i>                   |       |       |
|----------------------------------|-------|-------|
| Salmon-net fishing licenses..... |       | 367   |
| Brush-weir do .....              |       | 45    |
| Eel-weir do .....                |       | 8     |
| Seine do .....                   |       | 196   |
| Gill-net do .....                |       | 175   |
| Dip-nets, hoop-nets, &c.....     |       | 143   |
| Pound-net licenses.....          |       | 2     |
|                                  | ————— | 936   |
| <i>New Brunswick.</i>            |       |       |
| Salmon-net fishing licenses..... |       | 553   |
| Herring-weir do .....            |       | 196   |
| Bass do .....                    |       | 228   |
| Smelt do .....                   |       | 1,146 |
| Sturgeon do .....                |       | 33    |
| Trap-net do .....                |       | 2     |
|                                  | ————— | 2,168 |
| <i>Nova Scotia.</i>              |       |       |
| Trap-net licenses.....           |       | 68    |
| <i>British Columbia.</i>         |       |       |
| Salmon-net fishing licenses..... |       | 30    |
| Oyster fishery leases.....       |       | 2     |
| <i>Prince Edward Island.</i>     |       |       |
| Trap-net licenses.....           |       | 2     |
|                                  | ————— | 6,195 |
| Total.....                       |       | 6,195 |

FISH-BREEDING.

Twelve establishments for the artificial propagation of fish are now in actual operation in the several Provinces of the Dominion of Canada. These are at the present time largely filled with fish eggs, collected at various points throughout Canada during the spawning season of 1884. The Fraser River hatchery, in British Columbia, was only completed in time to receive the crop of eggs gathered in the fall of 1884, consequently returns of the distribution of fish will be given from the eleven other nurseries that were constructed previous to the season of 1884.

The total number of young fish of various kinds hatched and distributed from these eleven fish-breeding institutions, in 1884, amounted to 53,143,000, and the total quantity of fish eggs laid down in all the hatcheries during the fall of 1884 was 66,033,000.

The particular numbers and descriptions of young fish bred in each of the nurseries in the several Provinces during the season or spring of 1884, were as follows:—

|   |            |               |
|---|------------|---------------|
| Newcastle hatchery, Ontario.....          | 5,150,000  | Salmon Trout. |
| do do do .....                            | 50,000     | Speckled "    |
| do do do .....                            | 3,500,000  | Whitefish.    |
| do do do .....                            | 100,000    | Black Bass.   |
| Sandwich do do .....                      | 27,000,000 | Whitefish     |
| do do do .....                            | 10,000,000 | Pickarel.     |
| Tadoussac do Québec.....                  | 985,000    | Salmon.       |
| Gaspé do do .....                         | 859,000    | "             |
| Magog do do .....                         | 100,000    | Salmon Trout. |
| Restigouche do do and New Brunswick. .... | 940,000    | Salmon.       |
| Miramichi do New Brunswick.....           | 795,000    | "             |
| John River do do .....                    | 811,000    | "             |
| Bedford do Nova Scotia.....               | 1,000,000  | "             |
| Sydney do do .....                        | 853,000    | "             |
| Dunk River do Prince Edward Island.....   | 1,000,000  | "             |
| <hr/>                                     |            |               |
| Total.....                                | 53,143,000 |               |

These were divided by species as follows:—

|   |            |
|---|------------|
| Salmon, <i>Salmo Salar</i> .....              | 7,243,000  |
| Salmon Trout, <i>Salmo Namaycush</i> .....    | 5,250,000  |
| Speckled Trout, <i>Salmo Fontinalis</i> ..... | 50,000     |
| Whitefish, <i>Coregonus Albus</i> .....       | 30,500,000 |
| Pickarel (Doré), <i>Lucioperca</i> .....      | 10,000,000 |
| Black Bass, <i>Gristes Nigricons</i> .....    | 100,000    |

---

Grand total..... 53,143,000

The number and description of fish-eggs laid down in each of the hatcheries of the several Provinces during the spawning season, or fall of 1884, was as follows:—

|  |            |               |
|--|------------|---------------|
| Newcastle hatchery, Province of Ontario..... | 4,000,000  | Salmon Trout. |
| do do do do .....                            | 50,000     | Speckled "    |
| do do do do .....                            | 3,000,000  | Whitefish.    |
| Sandwich do do do .....                      | 50,000,000 | "             |
| Tadoussac do do Québec.....                  | 775,000    | Salmon.       |
| Gaspé do do do .....                         | 341,000    | "             |
| Magog do do do .....                         | No return. |               |
| Restigouche do do do .....                   | 700,000    | "             |

|  |           |            |
|--|-----------|------------|
| Miramichi hatchery, Province of New Brunswick..... | 1,000,000 | Salmon.    |
| St. John River do do do .....                      | 186,000   | "          |
| Bedford do do Nova Scotia.....                     | 800,000   | "          |
| Sydney do do Cape Breton.....                      | 931,000   | "          |
| Dunk River do do P. E. Island .....                | 1,250,000 | "          |
| Fraser River do do British Columbia.....           | 3,000,000 | "          |
| Total fish-eggs of all kinds.....                  |           | 66,033,000 |

These are divided by species as follows:—

|   |            |
|---|------------|
| Salmon, <i>Salmo Salar</i> .....              | 5,983,000  |
| do <i>Salmo Quinnat</i> .....                 | 3,000,000  |
| Salmon Trout, <i>Salmo Namaycush</i> .....    | 4,000,000  |
| Speckled Trout, <i>Salmo Fontinalis</i> ..... | 50,000     |
| Whitefish, <i>Coregonus Albus</i> .....       | 53,000,000 |
| Grand total.....                              | 66,033,000 |

Full details of the operations at the several fish-breeding establishments in the Dominion, as also the returns from the several officers in charge of the hatcheries will be given in the general report now in course of preparation.

#### FISHING BOUNTIES.

The total number of Bounty Claims received in 1883 was 13,604. Of this number, 523 were rejected for non-compliance with the requirements of the law and instructions.

The total number of Claims paid during the above named year was 13,081; an increase of 1,109 over the year 1882.

The total amount of Bounties paid to vessels and boats was \$130,227.35.

The number of Vessels claiming the bounty was 902, with a tonnage of 34,549 tons, as against 116 vessels, with a tonnage of 6,938 tons, in 1882.

This large increase is chiefly made up in the Province of Nova Scotia and was the means of distributing among the owners and crews of that Province a sum of \$10,000 in excess of the previous year.

The number of Boats which received the bounty was 12,272, as against 11,225 in 1882; an increase of 1,047 boats.

Owing to the inadequacy of the grant, it was found impossible to continue the system of doubling the rate, inaugurated in 1882, and the former rate of \$2.50 per man had to be adhered to.



Full details showing the amounts paid to Vessels and Boats in each Province are given at pages 54 and following, of this report.

For the better information and guidance of fishermen claiming Bounty for the year 1884, and others engaged in the transmission of claims and the distribution of the money, the following circular was distributed amongst claimants :—

### FISHING BOUNTIES, 1884.

#### INSTRUCTIONS TO CLAIMANTS.

##### *Boats.*

1. Claimants to fishing bounty must have been engaged at least three months in sea-fishing, exclusive of Salmon, shad, lobster and other fish and fisheries exempted from the operation of the Washington Treaty, and have caught not less than 2,500 pounds of sea-fish per man;
2. No bounty will be paid to boats measuring less than 14 feet keel, and not more than three men (the owner included) will be allowed as claimants in boats under 20 feet;
3. Dates and localities of fishing must be stated in the claim, as well as the quantity and kinds of sea-fish caught;
4. Ages of men must be given;
5. Returns must be sworn to as true and correct in all their particulars;
6. Only one claim will be allowed in each season, even though the claimant may have fished in two vessels, or in a vessel and a boat, or in two boats. Any person or persons detected making false returns will be debarred from participation in the bounty;
7. Claims must be filed on or before the 31st December;
8. Customs officers and fishery overseers will supply the requisite blanks free of charge, and after certifying the same, will transmit them to the Department of Fisheries.

##### *Vessels.*

9. Canadian registered vessels of 10 tons and upwards (up to 80 tons) which have been engaged during a period of three months in the catch of sea-fish not exempted under the Washington Treaty, are entitled to a bounty of \$2 per ton, one-half of which is payable to the owner or owners, and the other half to the crew;
10. Owners of vessels may, after the present season, and before proceeding on a fishing voyage, be required to procure a license from the nearest Collector of Customs who will, subsequently, grant a certificate stating that all the requirements of the Statute have been complied with, and upon this certificate being filed with the claim, the bounty will be paid;
11. Directions contained in paragraphs 3, 4, 5, 6, 7 and 8 apply to vessels as well as to boats.

#### APPENDIX B

Contains the report and expenditure in connection with the International Fisheries Exhibition, held in London in 1883, the result of which, as regards the Canadian Exhibit, cannot but be most gratifying to every Canadian.

Many of the most valuable specimens, which had been obtained at much trouble and cost, were brought back to Canada on the close of the Exhibition. The idea was suggested that they should be arranged at Ottawa as a permanent Exhibit, the

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collection containing specimens of almost every fish that is found in Canadian waters. This was done, and the specimens arranged in the lower part of a building on O'Connor Street, known as the Victoria Hall, making a most interesting and instructive Exhibit.

Several thousand persons have visited the collection since it was opened to the public in March last and have expressed great satisfaction therewith, and it is considered as affording much valuable information as to our Fish and Fisheries.

It is proposed to replenish the collection from time to time, and to this end an appropriation will be asked from Parliament, with a view to making the Canadian Fisheries Exhibit one of the permanent objects of interest at the Capital.

I have the honour to be, Sir,

Your obedient servant,

JOHN TILTON,  
*Deputy Minister of Fisheries.*

DEPARTMENT OF FISHERIES,

OTTAWA, 31st December, 1884.

## APPENDIX A.

STATEMENT of Fines imposed and moieties thereof received by the Department of Fisheries, for violations of the Fisheries Act and Regulations, during the Year 1884.

| Names.                    | Nature and Place of Offence.                                  | Amount of Pen- | Amount received | Remarks.   |
|---------------------------|---|----------------|-----------------|--|
|                           |   | alty.          | by Department.  |  |
|                           |   | \$ cts.        | \$ cts.         |  |
| R. J. Allen.....          | Fishing with nets on Sunday at Niagara River.....             | 2 00           | 1 00            |  |
| L. Coreyel.....           | Spearing fish at Lake Scugog, Ont.....                        | 7 00           | 3 50            |  |
| Jesse King.....           | do do.....  | 2 00           | 1 00            |  |
| Nicholas Mark.....        | do do.....  | 1 00           | 0 50            |  |
| Geo. Tripp.....           | do do.....  | 1 00           | 0 50            |  |
| S. Harrington.....        | do in River Thames, Ont.....                                  | 5 00           | 2 50            |  |
| H. H. Symes.....          | do do.....  | 5 00           | 2 50            |  |
| Wm. Oliver.....           | do do.....  | 5 00           | 2 50            |  |
| Jerry Collins.....        | Catching bass during close season.....                        | 2 00           | 1 00            |  |
| Wm. Scicily.....          | do do.....  | 2 00           | 1 00            |  |
| Wm. Mukem.....            | do do.....  | 2 00           | 1 00            |  |
| Lyman Shaw.....           | Spearing fish in River Thames.....                            | 1 00           | 0 50            |  |
| T. T. Shaw.....           | do do.....  | 1 00           | 0 50            |  |
| Adorum Ereringham.....    | Fishing on Sunday in River Thames.....                        | 5 00           | 2 50            |  |
| Jas. Moir.....            | do do.....  | 5 00           | 2 50            |  |
| John McLeod.....          | Allowing sawdust to fall into Saugeen River, Ont.....         | 5 00           | 5 00            |  |
| Noah Wingar.....          | do do.....  | 20 00          | 20 00           |  |
| Thos. Egan.....           | do into stream at Tecumseth, Ont.....                         | 15 00          | 7 50            |  |
| Thos. White.....          | do do.....  | 5 00           | 2 50            |  |
| Jas. Densmore.....        | do do Mulmer.....   | 5 00           | 2 50            |  |
| Henry Welch.....          | do do do.....   | 5 00           | 2 50            |  |
| M. N. Stephens.....       | do do Glencairn... ..   | 5 00           | 2 50            |  |
| Jno. McClinchy.....       | do do Tesorontio... ..  | 15 00          | 7 50            |  |
| Jno. Smith.....           | do do Poda Mills... ..  | 20 00          | 10 00           |  |
| Jas. Greenly.....         | do do Essa.....   | 25 00          | 12 50           |  |
| Solomon Conn.....         | do do Carluke.....  | 10 00          | 5 00            |  |
| Beardmore & Co.....       | Allowing refuse from tannery into stream at Acton, Ont.....   | 20 00          | 20 00           |  |
| James Moore.....          | Allowing refuse into Credit River, Ont.....                   | 20 00          | 20 00           |  |
| J. P. Speight.....        | Allowing sawdust into Action Creek.....                       | 20 00          | 20 00           |  |
| W. W. & Chas. Medler..... | Spearing fish at Rice Lake, Ont.....                          | 50 00          | 25 00           |  |
| Sid. Wannamaker.....      | Fishing during close season at Rice Lake... ..                | 20 00          | 10 00           | Only one half fine realized on distress warrant. |
| Trueman Aldridge.....     | Allowing sawdust to escape into Muskoka River, Ont.....       | 50 00          | 49 70           |  |
| Herbert A. Richards.....  | Barring channel, Boyne River, Ont.....                        | 1 00           | 1 00            |  |
| Paul Bissette.....        | Having in possession illegally caught fish... ..              | 5 00           | 5 00            |  |
| Jos. Amer.....            | Killing pickerel during close season at Georgian Bay Ont..... | 5 00           | 5 00            |  |
| Wm. H. Graham.....        | do do.....  | 5 00           | 5 00            |  |
| Cleophas Hubert.....      | do do.....  | 5 00           | 5 00            |  |
| J. B. Smith.....          | Allowing sawdust to escape into Mad River, Ont.....           | 5 00           | 5 00            |  |
| W. J. Hurd.....           | do do.....  | 20 00          | 2 00            |  |

STATEMENT of Fines imposed and moiety thereof received by the Department of Fisheries, &c.—*Concluded.*

| Names.                        | Nature and Place of Offence.   | Amount of Pen- | Amount received | Remarks.   |
|-------------------------------|--|----------------|-----------------|--|
|                               |  | alty.          | by Department.  |  |
|                               |  | \$ cts.        | \$ cts.         |  |
| Chas. White.....              | Neglecting to remove salmon fishing pickets,<br>S. W. River, Gaspé, Que..... | 1 00           | 1 00            |  |
| C. LeBoutillier.....          | do do .....  | 1 00           | 1 00            |  |
| Philip Warren.....            | Killing trout during close season, L. Pabos<br>River, Que.....               | 1 00           | 1 00            |  |
| Sylvain Johnstone...          | do do .....  | 1 00           | 1 00            |  |
| Horace Gagnon.....            | Allowing sawdust to escape into Lake<br>Mégantic, Que.....                   | 5 00           | 5 00            |  |
| Chas. Dertilly.....           | Fishing during close season at Lake Mégan-<br>tic, Que .....                 | 2 00           | 1 00            |  |
| Jno. Mulligan.....            | Fishing during close season at Upper<br>Ottawa, Que.....                     | 2 00           | 1 00            |  |
| Thos. Copeland.....           | Drifting for salmon, Restigouche River, Que.....                             | 10 00          | 10 00           |  |
| Geo. Shorey.....              | Killing salmon during close time at Red<br>Bank, Ristigouche River .....     | 5 00           | 5 00            |  |
| John Doyle.....               | Setting net too close to mouth of brook at<br>Ingonish, N.S.....             | 5 00           | 3 00            | \$2 incurred in ex-<br>penses.   |
| Jno. McInnis.....             | Catching lobsters under size, North Wallace,<br>N.S.....                     | 5 00           | 5 00            |  |
| Z. Y. McKay.....              | do South Wallace, N.S.....   | 5 00           | 5 00            |  |
| Albert Hobart.....            | Allowing sawdust to escape into River at<br>South Maitland, N.S.....         | 20 00          | 20 00           |  |
| C. E. Cossaboom.....          | Having no gate in weir at Smith's Cove, N.S.....                             | 10 00          | 10 00           |  |
| Jno. Lockwood.....            | Allowing sawdust to fall into Joggins River,<br>N.S.....                     | 20 00          | 20 00           |  |
| Absolom Hurlburt,<br>jun..... | Fishing for salmon during weekly close<br>time, Wilson's Lake, N.S.....      | 5 00           | 2 50            |  |
| Caleb Trefry.....             | Fishing on Sunday at Wilson's Falls, N.S.....                                | 5 00           | 5 00            |  |
| J. White.....                 | Setting salmon nets illegally at Little River,<br>C. B.....                  | 5 00           | 5 00            |  |
| Jas. Logan.....               | Throwing fish-offal overboard at Cow Bay,<br>C. B.....                       | 10 00          | 5 00            |  |
| W. McCharles.....             | Spearing in Middle River, C. B.....  | 4 00           | 4 00            |  |
| Jno. McColm.....              | Having in possession under sized bass at<br>North Esk, N. B.....             | 20 00          | 16 12           | } \$11.64 of these<br>fines was dis-<br>bursed by over-<br>seer in connec-<br>tion with suits. |
| D. Dennett.....               | Seining in Miramichi River, N. B.....  | 8 00           | 4 12            |  |
| John McColm.....              | Having in possession grilse at North Esk,<br>N. B.....                       | 18 00          | 14 12           |  |
| Geo. Sutherland.....          | Setting nets unlawfully, Miramichi River,<br>N. B.....                       | 1 00           | 1 00            |  |
| Allen Arbo.....               | do do .....  | 1 00           | 1 00            |  |
| Daniel Lyons.....             | Spearing in Miramichi River, N. B.....                                       | 1 00           | 1 00            |  |
| J. S. Fairly.....             | Spearing at Rocky Brook Landing, N. B.....                                   | 4 00           | 4 00            |  |
| Lucas Poirier.....            | Fishing smelts without license at Cocagne,<br>N. B.....                      | 1 00           | 1 00            |  |
| Wilfred Poirier.....          | do do .....  | 1 00           | 1 00            |  |
|                               |  | 579 00         | 454 06          |  |

OTTAWA, 24th November 1884.

SIR,—I have the honour to submit a report of Canada's exhibit at the International Fisheries Exhibition, held in London, in 1883, compiled from the reports of the Board of Managers—Messrs. Wilmot, Jones and Honeyman—together with a detailed statement of the expenditure incurred in connection with such exhibit.

I have the honour to be, Sir,

Your obedient servant,

W. D. DIMOCK,

*Secretary.*

The Hon. A. W. McLELAN,

Minister of Marine and Fisheries,

Ottawa.

## APPENDIX B.

## CANADA

—AT THE—

## International Fisheries Exhibition.

The question of an International Fisheries Exhibition had been for some time before the minds of many of the leading and enterprising men of Great Britain. It took a definite and practical shape at a meeting called in the month of July, 1881, under the presidency of the Marquis of Exeter, "to fully discuss the holding of such an exhibition." Great enthusiasm was displayed by the nobility and gentry in this preliminary work. At a general assembly, presided over by H. R. H. the Prince of Wales, held on the 27th of February, 1882, it was finally decided that such an exhibition as proposed should be held. After an introductory speech by H. R. H. the Prince of Wales, it was moved by H. R. H. the Duke of Edinburgh, and carried amid applause: "That seeing the ever increasing importance of the fishing industry throughout the world, an International Fishery Exhibition should be held in London in 1883, under the patronage of Her Majesty the Queen, and the presidency of H. R. H. the Prince of Wales." This proposition was heartily endorsed by all present, and supported by approving speeches, especially by Sir A. T. Galt, G. C. M. G., High Commissioner of Canada, in London.

It was soon announced that Her Most Gracious Majesty the Queen had graciously consented to become the Patron of the Exhibition, H. R. H. the Prince of Wales the President and the Dukes of Edinburgh, Connaught and Albany were to be among the Vice-Presidents. Among the Vice-Presidents were also many of the noble and illustrious names in Great Britain and the Colonies. Canada being represented by the Right Hon. Sir John A. Macdonald, K. C. B., Premier of Canada, and Sir Alexander T. Galt, G. C. M. G., High Commissioner, and latterly by Sir Charles Tupper, K. C. M. G., High Commissioner.

The principal exhibits to be admitted were comprised in certain classifications, which were intended to include all specimens and kinds of fish life, and to illustrate all modes by which the marine and fresh water animals of economic value were captured and utilized, together with the commercial, social, scientific, historic and legislative aspects of such fisheries. To show the comprehensive scope of this great exhibition, the prospectus is herewith annexed:—

## CLASSIFICATION.

### CLASS I.—FISHING.

#### *Sea Fishing.*

#### Section I.

1. Gear of every description and of all nations used in trawl, herring, long line, hand line, and every other mode or system of fishing, including all nets, lines, hooks, harpoons, tackle, &c., employed in the same.
2. Oyster dredges, crab, lobster, prawn, &c., pots, and other appliances for catching fish of this description.
3. Fishing craft of all nations; models and representations of the same.
  - i. Steam fishing vessels and steam carriers.
  - ii. Fishing vessels and boats other than steam vessels.
4. Ropes and canvas suitable to fishing vessels.
5. Steam capstans, compasses, barometers, telescopes, lights, lamps, fog-horns, systems of signaling at night for fishing fleets and vessels, electric lights, luminous paint, and other equipment of fishing vessels, charts for fishermen.
6. Models of harbours, piers and slips, for fishing purposes.
7. Fishing tackle and netting in different stages of preparation, and machinery used for working up the raw material.
8. Life-boats, their equipment, and life-saving apparatus of every description.
9. Appliances and methods for breaking the force of the sea at the entrance of harbours and elsewhere.
10. Methods of communication from the shore to light-ships and fishing fleets by submarine cables.
11. Methods of protecting submarine cables from injury by fishing operations (illustrated by models and drawings).

#### *Fresh Water Fishing.*

#### Section II.

1. Salmon nets and fixed appliances for catching salmonidæ in all their varieties.
2. Salmon rods, reels, lines, artificial flies and baits, gaffs, spears, creels, &c.
3. Trout rods, reels, landing nets, lines, artificial flies, baits, baskets, bags, &c.
4. Pike, barbel and other coarse fish-rods, reels and tackle, artificial spinning baits, &c.
5. Traps, nets, bucks, wheels, and all kinds of apparatus for catching eels, lampreys, &c.
6. Hooks, &c.
7. Anglers' apparel of every description.
8. Boats, punts, cobsles, collapsible, portable, &c., in models or otherwise.

NOTE.—The above classification is suggested as a convenient one for this class, but it is not intended to exclude any objects which come within the class.

### CLASS II.—ECONOMIC CONDITION OF FISHERMEN.

1. Apparel and personal equipment.
2. Food and medicine chests.
3. Models and plans of dwellings.
4. Contracts of partnerships; insurances of life, boats, gear, &c., benefit societies.

### CLASS III.—COMMERCIAL AND ECONOMIC.

1. Preparation, preservation, and utilization of fish.
  - (a) For edible purposes—
    - i. Models of fish-curing establishments. Methods of, and models and other representations of any appliances for drying, curing, salting, smoking, tinning, cooking, &c.

- ii. Fish dried, smoked, cured, salted, tinned, or otherwise prepared for food.
- iii. All products prepared from fish, such as oils, roes, isinglass, &c.
- iv. Antiseptics suitable for preserving fish for food.
- (b) For other than edible purposes—
  - i. Oils, manures, and other products prepared from fish.
  - ii. Methods of, and models and other representations of appliances for, preparing oils and manures from fish.
  - iii. Sea and fresh water pearl shells; mother of pearl manufactured; pearls sorted.
  - iv. Preparation and application of sponges, corals, pearls, shells, and all parts and products of aquatic animals, &c., to purposes useful and ornamental, with specimens.
- 2. Transport and sale of fish.
  - (a) Appliances for carrying fish and for preserving fish during transport or otherwise, and models of the same.
  - (b) Models of fish markets, and appliances connected with the same.

#### CLASS IV.—FISH CULTURE.

- 1. Models or drawings of fish-hatching, breeding and rearing establishments, including oyster and other shell-fish grounds; and all apparatus and implements connected with the same, and for transporting fish and fish ova. Food for fry.
- 2. Representations illustrative of the development and progressive growth of fish.
- 3. Models and drawings of fish-passes and fish-ladders.
- 4. Scientific investigation.
  - i. Models and drawings of diseases of fish, with special reference to their origin and cure.
  - ii. Processes for rendering streams polluted by sewage and chemical or other works innocuous to fish life (illustrated by models and drawings).
  - iii. Physico-chemical investigation into those qualities of salt and fresh water which affect aquatic animals; investigation of the bottom of the sea and of lakes, shown by samples; aquatic plants in relation to fishing, &c.; researches into the aquatic fauna (animals of the several classes preserved in alcohol or prepared, &c.); apparatus and implements used in such researches.
- 5. Acclimatisation of fish.

#### CLASS V.—NATURAL HISTORY.

##### [*Aquaria.*]

- 1. Specimens, living (marine and fresh water), fresh, stuffed or preserved, casts, drawings and representations of—
  - (a) Algæ arranged according to their various species and localities.
  - (b) Sponges, in their natural state.
  - (c) Corals, in their natural state, polyps, jelly-fish, &c.
  - (d) Entozoa.
  - (e) Mollusca of all kinds and shells not included in class 3.
  - (f) Starfishes, sea urchins, holothuriæ.
  - (g) Worms used for bait, or noxious; leeches, &c.
  - (h) Perfect insects and larvæ of insects, which are destroyers of spawn or serve as food for fish.
  - (i) Crustacea of all kinds.
  - (k) Fish of all kinds.
  - (l) Reptiles, such as tortoises, turtles, terrapins, lizards, serpents, frogs, newts, &c.



- (m) Aquatic and other birds hostile to fish or fishing.  
 (n) Aquatic and amphibious mammalia (otters, seals, whales, &c.), and others detrimental to fish.
2. Works on ichthyology. Maps illustrating geographical distribution, migration &c., of fishes and spawn.
  3. Specimens and representations illustrative of the relations between extinct and existing fishes.

**CLASS VI.—HISTORY AND LITERATURE OF FISHING—FISHERY LAWS—FISH COMMERCE.**

1. Ancient fishing implements, or their reproductions, models, pictures, books, emblems, charters and seals of ancient fishermen guilds.
2. Fishery laws of different countries.
3. Copies of treaties, conventions, &c., dealing with International fishery relations.
4. Reports, statistics and literature of fish, fishing and fisheries.
5. Reports on acclimatisation of fish, and of attempts in this direction.

**CLASS VII.—LOAN COLLECTIONS.**

Collections within the scope of the foregoing classes.

Foreign nations and all the colonial dependencies of Great Britain were immediately asked to co-operate in this great work, and to give all assistance possible, by contributions or otherwise, to make the International Fisheries Exhibition a success and redound with something of practical utility to all concerned. The Dominion Government readily granted £500 to the prize list fund and through the Premier, who was in England while certain of the preliminary work was going on, promised to take as active a part in the exhibition and be present with as representative a display of the fisheries resources of the country as the short time for collecting and preparing the specimens would permit. The Parliament of Canada, when the matter was brought before it and the object and aims of the exhibition explained, immediately voted the necessary appropriation to enter upon the work.

The exhibit contemplated naturally came under the supervision of the Department of Marine and Fisheries and the Minister, the Hon. A. W. McLellan, at once took active measures to carry out the wish of Parliament to have a creditable representation of the fishing resources of the Dominion. He called to his aid the fisheries inspectors of the different Provinces and others, and gave the direction of the work largely into the hands of Samuel Wilmot, Esq., Superintendent of Pisciculture in Canada. The Provinces were to supply whatever specimens were peculiar to each, bearing upon the contemplated exhibition, and the work of collecting was chiefly performed by the following:—

- Nova Scotia, W. H. Rogers, Esq., and Dr. Honeyman.  
 New Brunswick, W. H. Venning, Esq.  
 Prince Edward Island, J. H. Duvar, Esq.  
 Quebec, J. U. Gregory, Esq.  
 Ontario, S. Wilmot, Esq.  
 British Columbia, A. C. Anderson, Esq.

The work of these officers was indefatigable and highly creditable to one and all. Every suggestion for the success of the work was readily taken up and prosecuted with most praiseworthy vigor. Most valuable assistance came in from other sources, but as a general thing the whole onus of the work had to be borne by the Minister and the officers mentioned. Much credit is due to Hon. P. Fortin, who rendered valuable aid in obtaining specimens that exemplified the variety and great value of our deep-sea fisheries, and also the methods by which most of our economic and commercial fishes are taken. The Department is also indebted to Dr. Dawson, President of McGill University, for valuable specimens of marine invertebrate animals; to Robt. Morrow, Esq., Halifax, for five skeletons of the angler (*Copias*

*piscatorius*), cod and other fishes; and to Wm. Saunders, Esq., President of the Ontario Entomological Society, for forty cases of "insects and larvæ of insects, which are destroyers of spawn or become food for fish."

The nature of the exhibition, its aim and object, were advertised throughout the Dominion as generally and as freely as possible. Circulars were sent, not only to the fisheries officers, but to the Provincial Governments and to those in responsible and permanent positions, who, it was thought, would take an interest in having Canada thoroughly represented in London. A great drawback in the matter of getting together a large collection of representative specimens was, not only the shortness of time for the work, but also the want of some institution or national museum from which collections of fish specimens could at once be obtained. With the exception of the few specimens most kindly loaned by the Ontario Entomological Society, by Laval University, Quebec, by the Provincial Museum, Nova Scotia, and by the Prince Edward Island Government, the collection sent to London, as representative of our fisheries, had to be obtained by constant labour, and from new channels, by those to whom the work was entrusted. In this respect we were placed at a great disadvantage in comparison with our fellow competitors in the neighbouring Republic, who had the almost inexhaustible resources of the celebrated Smithsonian Institute and other national museums from which to draw the specimens required for their purpose. At similar future exhibitions we will not be so unprepared, as the specimens now in hand, that have been returned from London, will make a creditable nucleus for a museum in this branch of natural history. This new and unusual work was, therefore, accomplished with a greater expenditure than if the materials had been already in hand, or if a longer time and a more favorable season of the year had been given for operations.

After the work of collecting had been about finished, a careful inspection of the specimens, as far as possible, was made, and they were ordered to Halifax, to be shipped by the SS. "Newfield," for London direct. The specimens so carefully prepared by J. H. Duvar, Esq., Inspector of Fisheries, of Prince Edward Island, were greatly injured by their long confinement in the "Northern Light," which steamer, with the Island specimens aboard, was caught and held in the ice off Georgetown for some ten weeks. The SS. "Newfield," Captain Guildford, sailed from Halifax on the 5th of April, with some 500 tons of specimens and material, and arrived safely in London on the 19th of the same month. The specimens bearing upon the fisheries of our Pacific coast were a most interesting collection, and were obtained through the indefatigable exertions of the late A. C. Anderson, Esq., Inspector of Fisheries for British Columbia, though valuable assistance was given by the salmon packers of the Province and others. His Excellency the Marquis of Lorne also contributed rare specimens of barnacles and a large chiton collected by himself in that Province. All these specimens were forwarded by the ship "Latona," which sailed from Victoria on the 19th of December, 1882, and arrived in the Thames on the 12th of May following. These very fine specimens were considerably injured by the six months' sea voyage, and on this account did not show the great fishing industries of our Western Provinces to as good advantage as was intended by the inspector when he made his careful collection.

The *personnel* of the staff representing Canada at the exhibition consisted of the following:—

#### ADVISORY COMMISSIONERS.

Hon. A. W. McLelan, Minister of Marine and Fisheries.

Hon. Hugh Nelson.

Sir Charles Tupper, K.C.M.G., C.B., &c., &c.

Sir Alex. T. Galt, G.C.M.G., &c.

Sir Philip Cunliffe-Owen, K.C.M.G., C.B., C.T.E., &c.

Henry Coppinger Beeton, Esq.

## BOARD OF MANAGERS.

Samuel Wilmot, Esq.  
 Prof. Honeyman, D.C.L., F.R.S.C., &c.  
 L. Z. Joncas, Esq.

## JOINT SECRETARIES.

W. D. Dimmock, Esq., B.A.  
 J. G. Colmer, Esq.

Those of the staff who first arrived in London immediately commenced to unpack the specimens and arrange them in position for the grand opening which was to take place on the 12th of May. A most eligible pavilion had been chosen for the display of the exhibits from Canada through the then High Commissioner, Sir Alex. T. Galt. The Canadian court, containing 10,000 square feet of floor room, with wall space the full height of the building, was situated in the western part of the centre gallery, running parallel to the United States court, from which it was separated by a narrow aisle. Adjoining the annexe was a small pond, afterwards utilized for our boats and canoes, beyond which was a terrace, with handsome shade trees, where was erected the birch-bark wigwam of our Milicete Indian, surrounded with the rude appliances for the capture of fish, as used by the Indians in this country.

The Executive Committee of the Fisheries Exhibition handed over to the respective nations their courts finished, but without decoration or ornamentation. The generous rivalry of the different exhibitors was apparent in the manner in which the courts were decorated. Canada was at very considerable expense to get up its department neatly and tastefully, and to decorate it in a manner becoming the position she expected to take. The issue showed that the expense incurred in this respect was necessary, and the general appearance of the court was most favourably commented upon by hundred of thousands of visitors during the six months the exhibition was open. The following memorandum, taken from the fourth edition of the *Official Catalogue*, issued by the Executive Committee, will give some faint idea of the general appearance of the court, after the very laborious work of unpacking and locating the specimens had been finished:—

“The collection of specimens from the Province of Prince Edward Island was unfortunately detained in the Government steamer ‘Northern Light,’ from the 9th of January until the 20th of March, and was much injured by this delay, and cannot therefore be exhibited in the condition in which it was shipped. The long voyage of the ship ‘Latona,’ around Cape Horn, from Victoria, from the 19th of December until the 12th of May, with the British Columbia specimens, has greatly injured also the exhibit of that distant Province of Canada.

“With few exceptions the specimens from Canada are shown and owned by the Dominion Government.

“In the centre of the Canadian court is erected a large trophy, representing the economic and commercial products of the fisheries of Canada.

“The form of the trophy is circular, with a base of 24 feet diameter, and a superstructure of 54 feet in height. The lower platform contains salted, cured and pickled fish of various kinds, as sent to the markets of the world. Pyramids of original packages and cans of salmon, lobsters, mackerel and other fish, are here shown as put up for export trade from British Columbia and the Atlantic Provinces. Above these are suspended in circular form smoked salmon, dried cod and other fish; with a large circle above hung with native lobsters in their natural and preserved state, surmounted again by more pyramids of canned goods and mounted fishes. Following up the structure is seen a stuffed beaver, the national emblem of Canada, upon whose back rests the great shield of Canada emblazoned with the insignia of the several Provinces of the Dominion, and encircled by another emblem, the maple leaf of Canada. Projecting outwards from this are representative illustrations of fishing implements, interwoven with nets, bunting, &c. Following upwards is the large blue banner with ‘Canada’ upon it, and the cross fishes, on the summit is the Crown of England.

"There is also in the inner part of the court a scientific trophy, containing illustrative specimens of marine mammals, fishes in alcohol, mollusca and crustacea."

Besides the specimens forwarded by the Government, and the few loaned by public institutions or private parties in Canada, quite an addition was made to the general exhibit by the agents of certain Canadian firms, resident in London. In this connection were thankfully received a large supplement to the Government exhibit of tinned fish of various kinds. Messrs. H. C. Breton & Co., of 36 Finsbury Circus, London, agents for some of the largest and best known canneries in British Columbia, filled two or more large glass cases with pyramidal heaps of canned salmon. Their exhibit was exceedingly well arranged, and attracted much attention. Henry Howard, Esq., 21 Lime street, London, agent for many brands of preserved lobsters from our Maritime Provinces and also for the celebrated Golden Crown Packing Company, Halifax, N.S., arranged a very large display of canned goods in such a manner that it was one of the most attractive features in the court. Both of these exhibits were awarded medals at the close of the exhibition.

Recognition is also here made of the kindness of friends of Canada in England, who loaned any exhibits for the decoration or improvement of the court. Lieut.-Gen. Hardy, R A., a few years ago stationed at Halifax, now of Tonbridge, London, G.B., kindly loaned a miniature beaver house of most unique construction, and three or four oil paintings, his own work, representing fish-spearing by the Indians, and similar subjects, on one of the rivers of the Atlantic slope of the Province of Nova Scotia. M. A. Burrous, of Summer Hill, Ulverston, Lancashire, formerly of Port Rowan, Ontario, placed in the court a handsome model of a Canadian log house, situated on property owned by him four or five miles from Port Rowan, Long Point Bay, Lake Erie. It gave strangers a most favourable idea of the "log house" home of the early settlers of Canada. Messrs. H. C. Beeton & Co. also loaned a fine collection of photographic views of cities, towns, villages and magnificent natural scenery of the Province of British Columbia.

The ceremonies of the opening of the Exhibition on the 12th of May were carried out on a scale worthy of the illustrious Prince who, surrounded by nearly all the Royal Family, in Her Majesty's name, declared the Fisheries Exhibition open, and worthy of the place and occasion that had called so many distinguished personages together. Nearly 50,000 people were admitted by ticket on the opening day. The opening was attended by nearly all the members of the Royal Family, the ambassadors of foreign countries resident in London, the members of the British Cabinet, the Executive Committee of the exhibition, the foreign and colonial commissioners, and a large representation from the nobility and gentry of Great Britain. When the Prince of Wales and suite had taken their places, the Duke of Richmond and Gordon, President of the General Committee, read the following address:—

**MAY IT PLEASE YOUR ROYAL HIGHNESS:**

"The purpose of the International Fisheries Exhibition, which Your Royal Highness is graciously pleased to open this day, on behalf of Her Majesty the Queen is to illustrate the present and past condition of one of the most ancient, extensive and important of industries, and to promote that careful collection and discussion of facts, by means of which alone we can hope to deal in a satisfactory manner with the many difficult, practical and scientific problems connected with fish and fisheries. These buildings, which, large as they are, have proved hardly adequate to contain the vast contributions which have poured in upon us, are stored with the animal productions of the seas and rivers of the habitable globe, and with the multitudinous contrivances devised by human ingenuity for their capture. Every article of commerce yielded by fisheries is represented, and the agencies by which these articles are transported, distributed and prepared for our use, are exemplified. On our premises the consumer may not only become acquainted with the organization of a h market, but may form a judgement, based on practical examination, of the vast possibilities open to judicious fish cookery. The various modes of preserving and

multiplying aquatic animals, which come under the designation of fish culture, will be seen in action; while those who are interested in fishery law and in the history of fishing, will find that the subject of their studies has not been neglected.

"It has been our special aim to direct the attention of the public at large to the perils and hardships necessarily connected with the mode of life of those sea fishermen, by whose labours they profit so largely; and we are not without hope that the creation of a general interest in their affairs may have a favourable influence on the condition of the fishing population. The melancholy loss of life suffered by sea-faring people may certainly be diminished by the use of life-saving apparatus. The unprecedentedly large prize which we have offered for the best life-boat has stimulated the ingenuity of inventors, and we are able to afford the public the opportunity of examining an unequalled collection of life-boats and of life saving apparatus. It is obviously undesirable that the many experts who will be present during the exhibition, should go away without being afforded the opportunity of exchanging views on the complicated and disputed questions which arise in connection with fish and fisheries; and we therefore propose that an International Fisheries Congress, for the discussion of such matters, shall be held during the exhibition. It would have been impossible for us to have got together anything comparable to the great mass of objects illustrative of fisheries which we are able to exhibit, without the countenance which has been afforded to us by Her Majesty's Government; and without the generous spirit in which our applications for aid, supported by the Foreign and Colonial Offices, have been met by the Government of foreign nations and those of our own colonies. The contributions to the exhibition derived from these sources, must be seen and studied, if their magnitude and importance are to be properly appreciated. We desire to take this earliest public opportunity of offering our thanks to the respective Governments, and to their able and zealous representatives in charge of the vast and available collections which have been entrusted to our care. Our thanks are also due to those Colonial Governments, public bodies and private supporters, who have not only made munificent donations to the general funds of the exhibition, but also, following the precedent of the exhibitions of 1851 and 1862, have become guarantors to a large amount and have thereby enabled us to carry out our undertaking. Finally, Sir, permit me to make our grateful acknowledgment to yourself, and to your Royal Brother, the Duke of Edinburgh, for the unwearied interest which Your Royal Highnesses have taken in our work; and we desire to offer our especial thanks for the very powerful and effective support which Your Royal Highness has, from the first, been pleased to give to an undertaking which, we trust, may not only promote the interests of fisheries, of fishermen, and of fish consumers, but may also confer a lasting benefit on the sea-faring population all over the world."

To this Address His Royal Highness responded as follows:—

*"My Lord Duke, my Lords and Gentlemen :*

"It gives me great pleasure to open this International Fisheries Exhibition on behalf of the Queen, although I feel assured that it is a matter of sincere regret to all present that Her Majesty finds herself unable to undertake a duty which it would have afforded her much gratification to have performed. In view of the rapid increase of the population in all civilized countries, and especially in these sea-girt kingdoms, a profound interest attaches to every industry which affects the supply of food; and in this respect the harvest of the sea is hardly less important than that of the land. I share your hope that the exhibition, now about to open, may afford the means of enabling practical fishermen to acquaint themselves with the latest improvements which have been made in their craft in all parts of the world: so that, without needless destruction, or avoidable waste of any kind, mankind may derive the fullest possible advantage from the bounty of the waters. I am glad that your attention has been directed to the condition of the fishing population. It is a subject in which my brother, the Duke of Edinburgh, was led to take a particular interest during his tenure of office as Admiral Superintendent of the Naval Reserve; and as he is compelled to be absent during the sittings of the Congress to which you allude, I shall

have the pleasure of reading a paper on this topic, which he has prepared, at the first meeting. Life-boats and life-saving apparatus undoubtedly fall strictly within the province of a fishery exhibition: but I may congratulate you on the circumstance that, without overstepping your proper limits, you have been able to confer a benefit, not only on all fishermen and all sailors by profession, but also on all who travel by sea; and in these days of rapid and extensive locomotion, this means a large proportion of civilized mankind.

"On behalf of the Queen, I add my thanks to those which you tender to the Governments of foreign nations, and of our own colonies, for their coöperation; and to their representatives, whose untiring exertions you so justly acknowledge, I offer not only thanks, but an English welcome."

In the evening of the same day, at a grand banquet which was given by the Fish-monger's Guild of London, to commemorate the opening, His Royal Highness the Prince of Wales said, in replying to "the success of the Great International Fisheries Exhibition," when referring to the exhibit from this country: "The Canadian exhibit was specially remarkable and the products surpassed that of other countries." This expression of opinion from so illustrious a source, almost at the inception of the show, was exceedingly encouraging, and inspired confidence in those who had in hand the mounting and arrangement of the specimens. The Official Guide Book, issued by the authority of the executive committee of the exhibition, referring to the Canadian and United States courts, said: "These two great displays lie conjointly off the centre gallery, balancing the space occupied by Sweden and Norway, on the ground plan; and they afford, together or separately, piscatorial information of the highest character. For completeness of representation it is difficult to award the palm between them." That the appearance of the Canadian court at this Exhibition, when all the specimens had been placed in position and named, was unique and brought out most practically the objects of the exhibition, can be readily seen by reference to the following extracts from English newspapers of the time.

"The Canadian court is one to which Englishmen may turn with a feeling of satisfaction, for it is a collection exemplifying the race characteristics that make Englishmen, Scotchmen and Irishmen good colonists. The sea fisheries of the Dominion of Canada, in their commercial and industrial aspect, receive various illustrations in the portions of the collection arranged under the care of L. Z. Joncas, one of the commissioners. The methods of artificial hatching are shown by the exhibits brought over in charge of Mr. Wilmot, whilst scientific preparations of great interest to the naturalists have been contributed by Dr. Honeyman. Canadian fishermen do much more than supply the demand of their home population, and there are to be seen here both the methods of preparing fish for export and models of a class of vessels specially built to carry this fish to Spain, Portugal, Italy and other countries. In one of the cases will be seen a breakfast delicacy not unknown to epicures in this country, the bright golden Digby Chicken, a small smoked herring prepared in Nova Scotia. At the end of the court are some very cleverly stuffed and mounted birds that live on or eat fish. Among the four-footed enemies of fish there are shown the otter, mink, muskrat, &c., and around the walls is a remarkably fine collection of stuffed fish. These are only a few of the very many objects illustrating the natural history of the subject, and the commercial and industrial bearings. There are, for example, samples of fish oils used in medicine, for leather dressing and other purposes; there are specimens and models of the hooks, lines, nets, baits and gear used in the several fisheries, and fully fitted up boats; refrigerators in which may be seen, still fresh and in perfect condition, fishes that have been frozen since June, 1882.—London *Times*, 17th May, 1883.

"Separated from the United States by a narrow corridor is the court which exhibits the fishing resources of the Dominion of Canada. To a peculiar degree the exhibits speak for themselves to even an ordinary visitor. There are 250 admirably set up specimens of fresh water fish. The natural history specimens, which begin with the lowest form of animal life and take us through the complete range of birds, beast and fishes, are arranged in scientific order and with elaborate care. The trophy of

tinned and cured fish in the centre of the court denotes the commercial respect in which the Dominion holds the salmon, lobster, cod, herring, mackerel and other fishes as founders of a thriving industry."—*Daily News*, 19th May, 1883.

"The Canadian exhibits are shown alongside those of the United States and are quite as valuable. The Canadian section is particularly rich in methods for preserving fish, and there are also many general exhibits of practical and scientific value in the Canadian section."—*Glasgow Herald*, May, 1883.

"In the friendly international competition at South Kensington, for the credit of making the best show, the Canadians press closely upon their neighbors from the States. A central object in their display is a trophy of tinned lobster and salmon, piles and strings of fish in a dried state and barrels of the same commodity in the wet. As in the American, so in this court, the exhibition for the culture of fish forms a prominent feature. There is an admirably set up lot of fresh water fish, and the specimens of sea fishes are not less interesting."—*Herts Guardian*, 16th June, 1883.

"The extent and variety of the general fisheries of Canada are co-extensive with its rivers, vast lakes and surrounding seas, and the illustrative exhibit is worthy of the Dominion and the contributors."—*Standard*, 21st June, 1883.

"The Canadian exhibits at the international exhibition of fisheries are in a scale of importance second to none, not even to those of the United States, and the display is of much and varied interest."—*Morning Post*, 6th July, 1883.

"The collection of preserved fish in the Canadian court has been long acknowledged to be the finest in the exhibition. Mr. Joncas tells how they are taken and cured and what industries they support, the general result being to show that the fisheries of the Dominion are second to none in the world."—*Liverpool Mercury*, July, 1883.

"Within the walls of the Fisheries Exhibition may be seen the methods and appliances used by the various nations in the culture, capture and preparation of the different kinds of fish. In this respect the Dominion of Canada is taking the lead, as she has one of the largest and most interesting displays in the buildings."—*Centaur*, 14th July, 1883.

"Next to Great Britain, Canada has probably the best display at the Fisheries Exhibition, which is, in itself, striking evidence of the energy and intelligence of her people, as well as showing the great natural resources with which nature has endowed her."—*Kent and Sussex Times*, 21st July, 1883.

"Of the greatest importance is the telegraphic system established by the Government of the Dominion, covering about 27,000 square miles of the most prolific fishing grounds around the coast of Canada. By this system all the stations are connected, and bulletins are displayed at the different telegraphic offices, and are distributed daily, indicating weather probabilities for the next twenty-four hours, and the existence of bait and of shoals of fishes in particular localities. Much assistance has in this way been rendered to fishermen, and the safe navigation of the river and gulf of St. Lawrence has been also greatly facilitated. In Canada alone we believe such a system is in force."—*Canadian Gazette*, July, 1883.

The object in view of those in charge of the exhibit was to present to foreign nations every phase of our great deep sea, river and lake fisheries, the commercial value of such, artificial propagation of such fish as attention had been given to since the establishment of our hatcheries, the various modes of capture and the methods of preparing our fish for home and foreign markets, either by drying, pickling, smoking, canning or freezing. That the object aimed at was, to a large extent, attained, may be gathered from the almost universal expression of opinion, that the Canadian court was the most practical, in its bearing upon the real object of the Exhibition, of all competing nations, from the large list of medals and awards obtained from competent and disinterested jurors.

It may be of interest to mention more in detail some of the leading lines of specimens exhibited, the manner in which they were shown, and how they ranked with similar specimens in other courts.

## DRIED FISH.

This exhibit consisted of codfish, haddock, capelin, boneless cod and hake, cod, sturgeon and hake sounds, &c., &c. The samples were shown in large glass cases, and the cod especially, for soundness, preservation of color, taste, &c., were not equalled by any in the exhibition. Whilst other countries had to replace or supplement their stock from time to time, on account of deterioration in the damp atmosphere of London, the samples from Canada remained unchanged and uninjured during the whole exhibition. For this class of exhibits the highest awards and three gold medals were given. It is believed that considerable trade will yet spring up between Canada and the fish markets of England, from the introduction of our staple fish through the channel of the Fisheries Exhibition. Inquiries have already been made by reliable English houses for consignments of our dried, pickled and canned fish.

## PICKLED FISH.

The samples of pickled fish were numerous, of great variety, well preserved, and were put up in barrels, half-barrels, kits or boxes. The wooden heads of the packages were taken out and glass ones substituted, so the whole exhibit was ever open to the public for inspection. The samples of this exhibit, from almost every Province of the Dominion, consisted of herring, mackerel, haddock, shad, salmon, trout, whitefish, eels, tongues and sounds, &c. These fish all kept well, as they were intentionally salted somewhat heavier than if they were to be placed at once on the markets, and received most favourable notice, not only from reliable fishmongers and practical fishermen, who frequently inspected them, but also from the jurors, who awarded the exhibit three gold medals, three silver medals and two diplomas of honour.

## CANNED FISH.

One of the most attractive features of the Canadian branch of the Fisheries Exhibition was the immense quantities of fish of every variety canned for commercial use, indigenous to the waters of the country. The exhibit owned by the Government was, as already stated, largely increased by numerous samples brought in by the London agents of Canadian canneries. The whole show was very neatly arranged, and at night time, under the powerful electric light of the Court, some 20,000 candle power falling upon great pyramids of tins, with brightly coloured labels, the sight was beautiful and attractive. The canned goods consisted of some twenty different brands of salmon, mostly from British Columbia, mackerel, finnan-haddies, lobsters, clams, &c. One gold medal for the general exhibit was awarded, besides some five or six silver medals for individual samples.

## SMOKED FISH.

The exhibit of smoked fish was small, and not as good as it might have been. Salmon, herring and ooláhans, constituted the only samples. The Digby chickens were admired and, after they had been well introduced, were eagerly sought after. It was conceded that a profitable trade might be established in this line of fish, between Nova Scotia and the countries of the old world, that are constantly clamoring for "cheap fish for the millions."

The specimens of smoked salmon were poor. Some curious samples of smoked salmon were shown from British Columbia, as preserved by the process of smoking by the Indians of that Province.

## FROZEN FISH.

Another very great attraction in the court, and one that was almost suspiciously viewed by the foreign visitor, were the three large freezers, constructed with glass fronts, filled with many varieties of frozen salt and fresh water fishes. There were salmon from the Restigouche River of 30 pounds and upwards, caught in June,



1883; halibut from Halifax harbour—one weighing 475 pounds, and another 275 pounds—cod, hake, bass, cusk, salmon trout, whitefish, pike, sturgeon, &c., &c. These freezers with their contents, all in a perfect state of preservation, drew vast crowds to the court, and doubts as to the soundness of the fish could only be dispelled by frequently giving away specimens for table use, to those who were skeptical as to the state of preservation. The report invariable was that the fish were fresh, sound in quality, and in a good state of preservation. At the close of the exhibition, samples were sent to the Prince of Wales, the Marquis of Hamilton, Sir Philip Cunliffe-Owen, Sir Charles Tupper, leading members of the Press, and some of the large caterers in London. All gave the most satisfactory reports of the condition of the fish.

A firm of the largest caterers in London was presented with a salmon from one of the freezers, at the close of the exhibition, and after testing it at a board of epicures, wrote:—

ROYAL AQUARIUM, WESTMINSTER, S. W.,  
26th November, 1883.

DEAR SIR,—We have to acknowledge with many thanks, receipt of the salmon caught in New Brunswick in 1882 (June), and since preserved in the Canadian freezers.

It is a very fine specimen, and is in good condition.

Yours faithfully,

W. D. DIMOCK,  
Secretary Canadian Court, I. F. E.

BERTRAM & ROBERTS.

#### OILS, GUANO, &c.

The collection of oils was of great variety, but with a few exceptions the samples arrived in poor condition. They all required careful classifying and straining, yet were shown to the best possible advantage in glass jars especially obtained for the purpose. They consisted of samples of cod, porpoise, seal, whale, sturgeon, dog-fish, ooláhan and shark oils. A gold medal was awarded for the exhibit of whale and porpoise oil.

The samples of fish guano, though not numerous, were of considerable variety, gave more than average analyses as fertilizers, and the collection was awarded a silver medal. Samples were sent from the Burrard Inlet Fishing Company (Limited) British Columbia. The agents in London are Messrs. Bell, Harrison & Co., No. 11 Clement's Lane. These samples were composed entirely of small herring and herring offal, and were injured considerably by the length of time they were on the sea voyage from Victoria to London. Two good samples from the offal of fish were shown by Mr. Oakes, of Digby, N. S. Mr. Emil Bonnemant also exhibited good samples of fish offal manure from the coast of Gaspé. The analysis he received from Messrs. Wills & Wootton, analytical chemists, of Westminster College of Chemistry and Pharmacy, showed that it was most valuable for artificial manure, from the large proportion of nitrogenous matter and phosphoric acid, and that it would be applicable for the manufacture of isinglass, from the presence of 50 per cent. of gelatinoid matter. The largest and probably one of the best exhibits in this section, was shown by Mr. W. P. Colchester, of Ellershause, Hants County, N.S., who manufactures it from herring and skate—in this latter case thus utilizing an almost worthless fish—on the island of Grand Manan, N.B. The analysis, which shows the samples to be unusually rich as a fertilizer, is from Mr. John Hughes, analytical chemist, 79 Mark Lane, London. It is given here in full:—

|  | Herring.      | Skate.        |
|--|---------------|---------------|
| Water dried at 212° . . . . .                    | 24.03         | 8.23          |
| * Organic matter . . . . .                       | 56.73         | 66.67         |
| ** Phosphoric acid . . . . .                     | 4.70          | 7.40          |
| Lime . . . . .                                   | 4.01          | 7.76          |
| *** Alkaline salt. . . . .                       | 10.37         | 9.38          |
| Insol. sil. matter . . . . .                     | 0.16          | 0.56          |
|  | <u>100.00</u> | <u>100.00</u> |
| * Containing nitrogen . . . . .                  | 8.08          | 9.46          |
| Equal to ammonia . . . . .                       | 9.81          | 11.48         |
| ** Equal to ticcasic phosphate of lime . . . . . | 10.26         | 15.16         |
| *** Contains chloride of sodium . . . . .        | 10.29         | 8.19          |

#### FISH HATCHING APPARATUS.

In the whole exhibition, it is safe to say, that there was no more attractive nor interesting feature than the miniature fish hatchery in the Canadian court, in full working order, in which the hatching and rearing of salmon fry, up to 6 inches in length, was successfully carried on during the whole six months of the exhibition. Some 50,000 salmon eggs were taken to England from one of the hatcheries in Canada, and until about the middle of July hundreds were daily hatched before the public gaze. The continuous crowd of interested visitors around the hatching troughs frequently rendered the court impassable. Numbers of the fry were given to prominent proprietors of rivers and pisciculturists in England, and the balance, at the close of the exhibition, was presented to the authorities of the British Museum and placed in the Buckland Aquarium. The jurors gave a gold medal for "young salmon (some 20,000) hatched from eggs brought from Canada and grown up to parrs 4 and 6 inches long, during the period of the exhibition." They also awarded a gold medal, "to the best and most complete fish-breeding establishment in the exhibition," which was also taken by Canada.

#### SPECIMENS IN TAXIDERMY.

Canada stood pre-eminent among all other countries in her collection of stuffed specimens, which included mammals of her seas, birds destructive to fishes and almost every variety of fish that inhabits the seas, rivers or lakes of the Dominion. The largest mammal was a white whale (*btuga leucas*) of 2,000 lbs. weight, from the River St. Lawrence, which had been carefully mounted by J. U. Gregory, Esq., of Quebec. This specimen obtained the special honour of a gold medal, being the largest in the whole exhibition. The display of Greenland, square-flipper and other seals, of otters, beavers, minks, &c., was not excelled by any competitors.

Birds destructive to fish were neatly mounted in showy glass cases. In numbers there were some 200 specimens, and a large quota of these was made up of the loan collections of Laval University and the local Governments of Nova Scotia and Prince Edward Island, though the best part of the exhibit was obtained by the Department from Messrs. T. Y. Egan and Andrew Downs, of Halifax.

Among the hundreds of specimens of stuffed fishes were to be seen almost every variety found in our waters, but especially the higher order of edible fish, and those that are of economic and substantial commercial value. The fine *salmo solar* of the Atlantic and the huge *salmo quinnat* of the Pacific coast—two of the latter weighing respectively 73 pounds and 79 pounds—eclipsed all others in the exhibition. The large specimens of salmon trout—one nearly 70 pounds—the well-known whitefish (*coregonus albus*) of the lakes, the speckled trout of the Nipegon and other rivers in the west, and the sea trout of the Maritime Provinces, were greatly

admired. These, with such well-known commercial fish as the cod, herring, mackerel, striped bass, halibut and sturgeon, formed a most important feature in the court and gave publicity to the superiority of Canadian fishes over every other country competing at the International Fisheries Exhibition.

The collection of stuffed fishes received from the jurors the following flattering notice when they made up their report:—"In summing up the merits of the different collections of stuffed fishes exhibited by all countries which have taken part in this great international exhibition, your jurors cannot refrain from recognizing the superiority of the Canadian exhibit, from making a unanimous award in its favour, and from recommending that the highest possible prize be given to it." The gold medal was awarded to Canada for the "best general collection of stuffed fishes in the exhibition," India coming second, with the silver medal, and New South Wales third, with the bronze medal. In the same class of specimens for individual samples, Canada also received seven other gold medals, besides a number of silver medals and diplomas.

#### FISHING BOATS AND MODELS OF BOATS.

The full-size fishing boats and the models of such, and the fishing steam tugs, as used on the great lakes of Canada, were considered fine specimens of marine architecture and much admired. The models of punts, dories, dug outs, lobster boats, seine boats, pikekeys, canoes and the ordinary fishing boats and schooners, were shown in large numbers, while there were also exhibited full-sized canoes, dories and fishing boats. Of the latter, one, built under the supervision of the Hon. P. Fortin, after the model of a Gaspé fishing boat, was considered a splendid sea boat by the jurors, and well adapted for the purposes intended. Another, built at the instance of Henry Paint, Esq., M.P., by the Messrs. Embree & Sons, of Port Hawkesbury, Cape Breton, and thoroughly equipped and fitted out for fishing, was highly appreciated by all versed in marine architecture. Numerous applications were made for its purchase, and the Prince of Wales having taken a fancy to it, the boat was presented by the Minister of Marine and Fisheries to his Royal Highness, who most graciously accepted it. Special mention was made of this boat by the jurors, and it received the award of a gold medal. The steam fishing tugs used in the western lakes, representing the act of setting and taking up nets at the same time, was the admiration of the fishermen from every quarter who visited the exhibition. Photographs and drawings of them were quite generally taken. The "bankers" from Nova Scotia were considered fine models, and were thought not inferior to the best of American build that were shown at the exhibition. The samples of sporting canoes were considered gems, and were easily bought up at the close of the exhibition. They were furnished by the Ontario Canoe Company, and by other builders in Peterborough and vicinity. This splendid collection received the gold medal—the highest award of the jurors.

#### FISHWAYS AND FISH-LADDERS.

In this section Canada had very few samples—being represented only by Duvar's fishway for small trout streams and Rogers' well-known fish ladder. The collection certainly was small, when compared with the twenty or thirty different models exhibited by the United States. The model shown by W. H. Rogers, Esq., Inspector of Fisheries for Nova Scotia, was considered by many competent judges to be the best and most efficient, but the jurors thought differently, giving it a silver medal, while the gold medal was awarded to the United States.

#### NETS AND OTHER APPLIANCES FOR CATCHING FISH, CORDAGE, &c.

The display of nets was not so extensive as that made by other countries, which make the manufacture of fishing nets a staple industry of their people. In Canada there is really no extensive factory for the manufacture of nets. Our fishermen depend largely upon the United States or British markets for their supply. There

is no reason why the 16,000,000 of feet of nets, valued at some \$1,200,000, used in the capture of our fish—as reported for 1883—should not all be manufactured in Canada, and with profit too. Some very good specimens, though, were shown by Mr. J. Leckie, of Toronto, including whitefish and herring nets. The former were especially prized. Quite a number of nets were shown, but, as it was merely to exemplify the variety used in catching our fish, and as they were not all of Canadian manufacture, further reference to the exhibit is not necessary. Those prominently engaged in the manufacture of nets in Great Britain were surprised to learn that net factories were not in operation in Canada, and some were making careful enquiries with a view to the establishment of such.

Many primitive and curious specimens of nets, as used by the Indians of British Columbia, were on exhibition. These consisted in part of “draw-nets” for salmon made of Indian hemp, with a main line made of cedar bark; “poke-nets” for catching the oolâhan, made of a nettle indigenous to the country, and “scoop nets” of the same material. Besides these nets, from the same Province were numerous spears, harpoons, gaffs, hooks, lines of cedar bark and kelp, &c., as used by the natives. The collection was so curious and unique that a gold medal was awarded it by the jurors.

From other Provinces there were good collections of weirs, traps of different kinds, oyster rakes, harpoons, spears and full and complete outfits of angler’s requisites. The fishing tackle of Messrs. Alcock, Laight & Westwood, Toronto, was first-class, while the rods of Messrs. D. Scribner & Sons, St. John, N. B., were considered extra and were much appreciated by the sportsmen who examined them. They received high awards.

The cordage exhibited by the Dartmouth Ropewalk Co., though a small exhibit, was pronounced by the very competent jurors as of unusually good quality. The hemp and manilla ropes received a silver medal, and it is thought that if the exhibit had been larger and of the same quality, with information attached as to market prices, &c., the highest award would have been given.

#### ECONOMIC CONDITION OF FISHERMEN.

The various articles that it was the intention of the Executive Committee to show under this division of the prize list, were meagrely represented in the Canadian court. The samples of fishermen’s “apparel and personal equipment” were inferior and the exhibit was small. What few articles were forwarded came from Inspector Duvar, of Prince Edward Island, and from Mr. Leckie, of Toronto. “Food and medicine chest,” “models and plans of dwellings,” “contracts of partnerships,” “benefit societies,” &c., were unrepresented by any noteworthy samples from Canada.

#### NATURAL HISTORY.

Besides the stuffed fishes already referred to, and which took so high a place in the exhibition, there were other varied and interesting specimens from almost every Province of the Dominion. Nearly all the commercial fishes of Canada were well shown, generally in alcohol—the salmon, trout, mackerel, ling, lobsters, being exceedingly fine specimens. A “scientific trophy” was erected in one part of the court, that contained, artistically and scientifically arranged, a great variety of specimens of marine mammals, fishes in alcohol, crustacea of all kinds, sponges, &c., &c. Many very fine specimens came from British Columbia. Those, perhaps, of the most scientific interest, were the alcoholic and dry samples of the *verrillii blakeii*—a polyp called in honour of Drs. Verrill and Blake, and kindly furnished through Mr. J. G. Swan. The nature of the scientific collection, its variety and its extent will be understood by reference to the list of specimens annexed to this report.

The extent of the great exhibition may be realized, when we consider the number of nations that was represented. Nearly every foreign country in the world was on hand with exhibits and the British colonies and dependencies were well to the front. The number of commissioners and representatives amounted to 138;

and the foreign countries and British colonies and dependencies competing were thirty-seven, as follows:—United States of America, Austria-Hungary, Bahamas, Belgium, Canada, Ceylon, Chili, China, Denmark, France, Gold Coast Colony, Germany, Greece, Hayti, Hawaii, Heligoland, India, Italy, Jamaica, Japan, Isle of Man, Morocco, Netherlands, Newfoundland, New South Wales, New Zealand, Norway, Persia, Russia, Salvador, Spain, Strait Settlements (including the Malay States), Sweden, Tasmania, Tunis, Venezuela, and Zanzibar.

Mr. Wilmot, in his report to the Department of Marine and Fisheries, says, in relation to Canada's position in the general competition:—

"It was pretty generally acknowledged that Canada, viewed from the practical standpoint, held quite an equal, if not the foremost, position amongst the foreign and colonial competitors at the great Fisheries Exhibition in London. The rank taken by her, also, in the number of first-class awards and gold medals, was most creditable. In the list of gold medals obtained, the United States stood first, Canada standing second, Norway and Sweden being the next in order, the remaining countries following in greatly lessened numbers of these awards.

"The whole of the exhibits in the Canadian court were entered and shown in the name of the "Dominion of Canada," thus presenting to the several jurors appointed to adjudicate upon the merits of the several exhibits but one name, or one exhibitor from Canada. On the other hand, the United States showed not only large collections in the name of the United States National Museum, and the United States Fish Commission, but also gave the names of 260 other exhibitors, with separate exhibits, who were permitted to receive awards or special mention from the jurors. Norway had also, inclusive of objects shown by public institutions and private individuals, the names of no fewer than 351 exhibitors who were entitled to awards; and Sweden, in like manner, had 293 exhibitors' names, with their individual exhibits, laid before the jurors. In this way it will be seen that these countries possessed many advantages over Canada in the awarding of medals by the several jurors, who, in many instances, gave but one award for a "collective exhibit" of objects to Canada, whereas several medals were granted to similar collections in these other countries, by reason of the names of several exhibitors appearing with them; and these individual competitors had also the privilege of setting forth the merits of their separate exhibits before the Jurors.

"It must also be borne in mind, as bearing specially on the comparative positions occupied by these countries for obtaining awards, that, in the general classification of exhibits of all kinds, as published, there were sixty-one divisions into which the various objects to be exhibited were classified. The United States were competitors in fifty-seven of these divisions; Canada competed in thirty-nine only. But notwithstanding all these evident drawbacks, the Dominion may feel well satisfied with the results obtained and the high position occupied by her at the great Fisheries Exposition in England."

Subjoined will be found a list, taken from the official catalogue of the exhibition, of the specimens taken from Canada and arranged under the divisions to which they respectively belong. There will also be found a correct list of the gold, silver and bronze medals and the diplomas of honor, as awarded to Canada by the final court of jurors.

The court of appeal, to which any objection to the jurors' awards could be carried, was constituted in the early days of the Exhibition. The colonial representation in this court consisted of Sir Alex. T. Galt, who was succeeded by Sir Charles Tupper, after the latter had assumed the duties of High Commissioner; Sir Saul Samuel, the Agent-General of New South Wales, and Sir Ambrose Shea, Commissioner of the colony of Newfoundland at the Fisheries Exhibition. The labors of this court were fortunately not very arduous, as the work of the jurors was generally satisfactory, but cases appealed to it received every possible attention and redress. Canada found it advantageous to be represented in the person of the High Commissioner at the court.

The great International Fisheries Exhibition is now a page in British history. The exhibition, for the success of which, on account of its limited scope when compared with other national expositions, fears were entertained, has passed away, and months ago one of the most unique, most successful and most instructive of the great national fairs that have been held in modern times, came to a brilliant close. Registering an attendance of some 3,700,000 during the six months it was open, carried on with an expense almost unknown in previous exhibitions, surrounded by a brilliancy of pageantry that royalty and royal support alone could bring, and resulting in a grand industrial, practical and financial success, the first really great International Fisheries Exhibition was closed in due form on the 31st of October, 1883. It is not too much to say that Canada has received good from the exhibition of the products of her fisheries, and from the experience gained by taking part in this great international competition. The extent of our fisheries, their great value, the variety of our fish and their almost unapproachable fine quality and flavor were, for the first time, brought to the notice of those in foreign countries who were interested in everything relating to the world's fisheries. On every hand, and almost daily, inquiries were made concerning our fisheries, their extent, value, method of capture, variety, artificial propagation, protective legislation and whatever related to them. Such inquiry was awakened that it cannot be doubted but that a commercial advantage will yet redound to the country that will repay for the trouble and expense consequent upon our exhibition in London. Our dried and pickled fish—certainly staple articles of our fish trade—were particularly sought after, and the details of preparing the same kind of fish for different markets were eagerly listened to. It was generally conceded that, with care in the first shipments, and with the largest obtainable specimens alone placed on the market, there was no obstacle to an extensive and profitable trade, especially between Canada and our Mother Country. The masses of Great Britain want cheaper fish. Such we can furnish in almost unlimited quantities; but, to a certain extent, we must educate the taste of the English people for the fish we have for exportation. In nothing is the Englishman so conservative as in his diet. When we have once proved to him the richness and delicacy of our cod, mackerel, salmon, white fish, &c., as placed in different forms upon our markets, then we are sure of success, and a profitable trade is guaranteed. The commencement of this easily-to-be-developed trade must be undertaken with judgment and with care. As stated, the best possible samples of our commercial and economic fish must first be presented. The demand once established for our choicest fish, an enormous trade must inevitably follow. There is no reason why the large trade of our distant Province of British Columbia, amounting to \$1,079,606.00, in tinned salmon, sent almost entirely to the London markets, may not be equalled by the great variety of commercial fish taken in the eastern waters of the Dominion and profitably placed before purchasers in foreign countries. Our contribution to the Fisheries Exhibition has done much to hasten the time when such a trade as is referred to may be profitably engaged in.

Besides the substantial grounds for anticipating a future trade with the old country in many lines of our fisheries products by the publicity given to them through the late International Fisheries Exhibition, it is safe to say that the Dominion received as favourable and as extensive an advertisement by her representation at this exhibition as through any channel or from any source heretofore. The large map of the Dominion of Canada that was shown in Paris in 1878, carefully corrected for recent explorations and especially for the settlement of the North West along the line of the Canadian Pacific Railway, was conspicuously shown, and occupied all the space in the north end of the court. An officer was constantly in charge who, thoroughly conversant with the topography, climate, soil, &c., of the country, explained daily to the visiting thousands the nature of our Dominion, pointed out favourable lands for settlement, local inducements for such settlements, and did much to dissipate the erroneous idea that we were placed in a region of perpetual snow. Books and pamphlets bearing upon our Dominion were gratuitously circulated, with maps by thousands. It must not be forgotten

that the agents of the Canadian Pacific Railway were also most indefatigable in their efforts to advertise our North-West and to disseminate reliable information as to the sections of the Dominion in which they are more particularly interested. This they did very effectually by an excellent representative exhibit of the capabilities of both field and forest, and by the judicious distribution of books and guide manuals. Intending emigrants were daily in the court, intelligently inquiring about the chances of settling in Canada. Valuable information was, as far as possible, imparted to all such, and for more detailed accounts they were referred either to the office of the High Commissioner or that of the Canadian Pacific Railway. One class of people seemed especially interested in the great extent of our country, with its valuable agricultural resources and with our seas teeming with limitless supplies of food fishes—it was the farmer-fisherman, as he may be called—the agriculturist, who was pleased to learn that in Canada he could successfully till the soil during part of the year, and at other times, from the water stretches near by, could get abundance of the best fish for himself and family and, to a considerable extent, could profitably place the products of sea, river or lake upon the neighboring markets. This was particularly noted by many who pursued similar avocations in Great Britain and who had intentions of making homes in the Dominion. They were glad to learn that their own handicraft could be carried on, and with larger scope for operations, in the new country to which they contemplated removing.

This representation, then, at the International Fisheries Exhibition, has been of benefit to the Dominion, and an exhibition of our commercial wealth, in a heretofore unknown line, has been prominently brought before the people of many countries. The extent and fertility of our lands have long been before the inhabitants of older countries; the wealth of our forests and mines and the greatness and value of our merchant marine are well known, and now the inexhaustible and varied resources of our waters have been fairly represented. This must give a favorable publicity to Canada as a nation and yet greater confidence in her internal resources and growing institutions among capitalists and others of the old world.

In conclusion, there is but to acknowledge the uniform kindness, courtesy and attention received by the Canadian officials from all connected with the Executive Committee of the Fisheries Exhibition. Everything possible was done on the part of the Executive Management to expedite work in connection with the opening of the court and to further the interests of the Dominion throughout the whole show. For both official and personal kindness, the representatives of Canada are deeply grateful and under lasting obligations to those associated in any way with the management of the late great International Fisheries Exhibition.

#### APPENDIX A.

No detailed list of the Canadian exhibits appeared in the first edition of the official catalogue, published by the Executive Committee of the Fisheries Exhibition, as the specimens had not arrived at the date of publication, but in all subsequent editions the following was given, together with the annexed introductory remarks:—

##### CANADA.

The Dominion of Canada, extending over half the continent of America, washed by the waters of three great oceans, and having within its confines innumerable rivers and lakes, stands almost unrivalled in the extent and variety of its fisheries.

What are generally known as the Maritime Provinces—Quebec, Nova Scotia, New Brunswick and Prince Edward Island—have every description of sea-fishes; whilst their rivers furnish an abundance of food-fish of great economic and commercial value and offer to sportsmen some of the best salmon and trout fishing in the world.

The great inland Province of Ontario, from her vast lakes and rivers, supplies to her own people and for export to other countries, large quantities of valuable freshwater fish; whilst the new Province of Manitoba and the whole of the great North-

West Territory have innumerable lakes and rivers teeming with choice food-fish, which are of great value to the settlers in that fertile region, while the rivers on the Pacific slope in British Columbia are literally full of salmon.

In a new country, where the machinery for obtaining official statistics is as yet somewhat imperfect, it is difficult to estimate with accuracy the annual value of the fish taken; besides, almost every farmer and settler near sea coast, lake or river, has a boat, net or other appliances for furnishing his household with fresh fish, no return of which is made to Government. The benefit of this great boon is especially felt by the settler, who often draws from the waters, within sight of his new home, supplies of rich fish for his family, even while his lands yield their rich harvests. The cash value of this widely-distributed privilege to the resident of Canada cannot be reached by the statistician, as his figures deal only with commercial transactions. The export of fresh fish is principally to the United States.

Of cured sea-fish, codfish, mackerel, herring, &c., large quantities are annually shipped to the West Indies, Spain, Portugal, Brazil and other countries. Lobsters and salmon, of which about 20,000,000 cans are packed, go mainly to the United States and Great Britain. The official returns show annually a steady increase in the value of the fisheries. In 1882 it reached the sum of \$16,088,672.

In some of the older sections of Canada, the former unrestricted fishing of streams, together with obstructions by mill-dams and otherwise, resulted in such depletion that the Government took up the matter, enacted laws for the regulation of inland fishing, provided for the erection of suitable fish-ladders or passes in mill-dams, and have established eleven fish breeding establishments for restocking and maintaining, by artificial means, the supply in the rivers and lakes. The extent of fish culture in Canada, under the superintendence of Samuel Wilmot, Esq., may be judged by the output of young fish in the last season, viz.:—Salmon, 5,783,000; salmon trout, 2,277,000; Californian salmon placed in Eastern waters, 471,000; speckled trout, 40,000; percidæ, 26,500,000; whitefish, 20,728,000. Total, 55,799,000.

In this year's operations there have been placed in the hatcheries—salmon eggs, 6,612,000; salmon trout eggs, 8,350,000; speckled trout eggs, 200,000; whitefish eggs, 43,000,000. Total, 58,162,000.

To which may be added at the proper season 20,000,000 of the percidæ family. The total distribution of young fish since the commencement of fish-hatching operations has been upwards of 175,000,000.

Telegraph wires and cables have been laid to the principal fishing stations and harbors on the sea-coast and adjacent islands; and in addition to the ordinary signal service for all shipping, fishery bulletins are issued and immediate information given of the appearance of fish at any locality. The sea-coast, rivers and lakes are well provided with lighthouses. The official returns of December 31, 1882, show 551 lights and twenty-nine steam fog-whistles and automatic buoys. Seven Government steamers are employed in the lighthouse, buoy and fishery service.

The Meteorological service is very extensive and efficient, giving weather predictions at all the principal ports. During the year 1882, 6,545 predictions were issued, 90 per cent. of which were fully or partly verified.

W. D. DIMOCK, *Secretary.*

Division I.—Nets and traps of all kinds used in deep-sea fishing, including the peculiar nets used for taking the porpoise, herring scoops, gear for harpooning whales, trawls, hand lines, hooks, &c., &c. Also Brand's bomb lance. Loaned by Hon. P. Fortin, of Quebec.

Division II.—Oyster dredges, tongs and rakes, lobster hoop-traps, cases, pots and spears.

Divisions III. and IV.—(1) Representation of ice boats, dory full size, row, lobster and seine boats, pinkey, "trawler," sectional models of different kinds of fishing crafts, dugouts, &c. (2) Banker, full size and equipped used in cod fisheries off Cape Breton coast, exhibited by Messrs. Embree & Son, Nova Scotia., (3) Gaspé fishing boat, full size, used in cod fishing off the Gaspé coast and on the Miscou



banks in the Gulf of St. Lawrence; containing nets, hand lines, long lines, mackerel lines, fishermen's clothing, &c. (4) Model of vessel used in transporting the dried and salted fish from the Gulf of St. Lawrence to foreign markets. (5) Model of the armed schooner "Le Canadienne," the first vessel employed in the protection of the fisheries of Canada. (6) Models of various kinds of boats, as used by the fishermen of the Maritime Provinces of Canada, are also exhibited.

Division V.—Cordage of all kinds, suitable for fishing vessels and for fishing purposes. Dartmouth Ropewalk Company, Nova Scotia.

Division VI.—Fog-horns—system of signalling fishing crafts at night.

Division IX.—Model of life-boat as used in Lake Ontario, designed and patented by Mr. J. H. Hatton.

Divisions XIII to XX.—Draw nets for salmon, oolshān nets, traps for eels, alewife nets, hooks, fishermen's knives, spears, sinkers, floats, hand lines, rods, flies, gaffs, poke and scoop nets for salmon, bass and smelts, with fishing lines made of kelp, cedar bark and spruce, spinner's with "night-lure" as used by the native Indians in British Columbia. Rods, flies, reels and a general assortment of fishing tackle are shown by Messrs. Alcock, Laight & Co., Toronto; and the celebrated trout and salmon rods of D. Scribner & Son, St. John, New Brunswick, are also exhibited. Fishing and sporting canoes, made by Messrs. Stephenson, English, and others of Ontario, are shown in large numbers. Birch-bark canoes of the Millicete and Micmac Indians. One of these can be seen daily on the little pond adjoining the Canadian court. Models of steam tugs and sail boats used in capturing fresh-water fish in the Province of Ontario and models of trap nets, as used in the same Province, are also exhibited.

Divisions XXI to XXIV.—Fishermen's outfits of all kinds; also contracts of agreement between employer and employee, as used especially in the Province of Prince Edward Island.

Division XXV.—i. Models of fish-curing establishments. Methods of, and models and other representations of appliances for, drying, curing, salting, smoking, tinning and cooking fish. Models of Gaspé and other fish-curing establishments, by Messrs. Chas. Robin & Co.

Division XXVI.—ii. Fish, dried, smoked, cured, salted, tinned, or otherwise prepared for food. Canned fish of all descriptions, especially salmon, from Victoria, British Columbia, from Findlay, Durham and Brodie, John Adair & Co., British American Cannery, British Union Cannery, Henry E. Croasdale, Thomas Earle & Co., English & Co., Ewen & Co., Haigh & Sons, Inverness Cannery (agent, H. C. Beeton & Co., 36 Finsbury Circus, London), Laidlaw & Co., Richmond Cannery, Windsor Canning Company; and samples of preserved lobsters from the following firms, of which Henry Howard, 21 Lime Street, London, E. C., is the sole agent:—Bain J. D., Chatham, New Brunswick; Bennet Henry, Alberton, Prince Edward Island; Brown W. S., Newcastle, New Brunswick; Bulyea W. H., Alberton, Prince Edward Island; Clark, Roblee & Clark, Summerside, Prince Edward Island; Gallant D. D., Cocagne, New Brunswick; Golden Crown Packing Company, Halifax, N.S.; McPhail Neil, Magdalen Islands; Northumberland Packing Company, Church Point, New Brunswick; Petitpas Samuel, Fifteen Point, Prince Edward Island; Robichaud & Gagnon, Shemogue, New Brunswick; Young J. & R., Tracadie, New Brunswick; Young Robert, Caraquet, New Brunswick; and samples of preserved finnan haddies from Thistle Haddie Canning and Curing Company, Digby, Nova Scotia. (2) Codfish sounds and tongues, dried and salted. (3) Salted salmon trout, salmon, herring, halibut, sea trout, fresh water trout, white fish, alewives, Labrador herring, shad, codfish sounds and tongues, eels, sardines, &c. (4) Boneless cod and boneless hake, specially prepared, in Prince Edward Island and sent to West Indies and other markets, smoked salmon, smoked trout, smoked herring (well known as Nova Scotia Digby chickens).

Large, medium and small-size dried codfish, known as Gaspé dried cod, prepared for Brazil and Mediterranean markets, by Chas. Robin & Co., Quebec.

Small dried codfish in drums, known as Gaspé small dried cod, as prepared for Brazilian market, by J. and E. Collas, Gaspé.

Dried codfish, hake, cusk, haddock, &c., in boxes, as prepared for West Indies markets, by Bremner & Hart, Halifax, N.S.

Division XXVII.—Sturgeon, hake and codfish, dried sounds, specially used in making isinglass

Division XXIX.—Oils of all kinds, such as whale oil, white and black porpoise oil, crude and refined cod liver oil, crude, refined and prepared for medicinal purposes, seal oil, sturgeon oil, &c., &c. Zingler's patent guano from fish offal, from Skeena River, British Columbia; H. C. Beeton & Co., 36 Finsbury Circus, E.C.

Division XXXIII.—(1) A fish carrying box, on small track wheels, used in Ontario on fishing tugs and railways for carrying several tons of fresh fish in ice direct from the fishing stations to distant markets. J. Leekie, Toronto. (2) Two large freezers for preserving fresh fish in a frozen state for any period of time, containing frozen salmon caught in June and July, 1882, and two large halibut, since March last, one weighing 475 lbs.; also containing cod, mackerel, bass, trout, cusk and other fish, all in good preservation.

A freezer, for freezing and preserving fresh fish in cakes of ice, containing samples of fresh water fishes. C. W. Gauthier, Sandwich, Ont.

A refrigerator, for keeping fish, meat, fruit, &c. (unfrozen), fresh and sweet for a length of time. Witherow & Hillock, Toronto.

A novel ice house, built with paper walls, inside the Canadian court, containing some sixty tons of ice, brought from Canada, for supplying the Canadian freezers and refrigerators during the exhibition. Designed by S. Wilmot, Esq.

Division XXXV.—XLI.—(1) A working model, showing the exact working of the Government fish breeding establishments in Canada. (2) A working section of full size fish breeding troughs and trays, in running operation, in which upwards of 50,000 salmon eggs were safely hatched into healthy fry during the exhibition. (3) Glass and metal fish incubators, in full operation, for hatching corregoni and other fish ova of the smaller kinds than salmon eggs, each incubator having 25,000 of ova. (4) Fish egg carriers in various forms, for transporting eggs short or long distances—one of which, by a process of retardation, conveyed the ova safely across the Atlantic, which were hatched out in the Canadian court. (5) Fish breeding apparatus of all kinds, including troughs, trays of glass, zinc and tin, safety cans, perforated guards, cans for carrying young fish long distances, cleansers, washers, &c., &c. (6) A plaster model or bird's eye view of a Canadian salmon breeding establishment, showing the fresh water ponds and reservoirs for rearing fry, the buildings in which hatching is carried on, and the salt water reservoir in which some 300 parent salmon are annually kept from May till November in a perfectly healthy state. Oil paintings and photographs of the several hatcheries in Canada. NOTE.—All the above-named fish-breeding appliances were originally designed and constructed by S. Wilmot, Esq.

A model, with drawings of the latest Canadian invention of a fish ladder or salmon pass, which permits of an underground (water) passage for salmon, to surmount dams or other barriers with great success. W. H. Rogers, Esq., Nova Scotia.

Models of fish ladders. J. H. Duvar, Esq., Prince Edward Island. (1) A model, and also a full-sized salmon register, for registering, by means of a clock dial, the number of salmon passing up a river or other waters. This register has been in actual use and practically tested with satisfaction and accuracy in Canadian rivers. Hon. D. E. Price, Quebec. (2) Specimens of acclimatised salmon from the salt waters of the Pacific to the fresh water lakes and streams of Ontario, by S. Wilmot, Esq.

Division XLII.—A large collection of algæ, arranged according to the various species and localities. Some of these specimens are new to scientists, and have consequently not yet been named. Prof. J. Macoun, Ottawa.

Division XLIII.—A collection of dry sponges, from Principal Dawson, Montreal. A collection, both dry and in alcohol, from Prof. Honeyman, Halifax.

Division XLIV.—Corals, in both dry and alcoholic collections. Also polyps and jelly fish.

Division XLV.—Collection of entozoa of fishes, from Robert Morrow, Esq., Halifax.

Division XLVI.—Mollusca (dry and alcoholic), from Nova Scotia Museum, and from Principal Dawson, Montreal.

Division XLVII.—Sea urchins and holothuria, both dry and alcoholic collections.

Division XLVIII.—Aphrodite aculeata (6½ inches long) and nereidæ.

Division XLIX.—Insects and larvæ of insects which are destroyers of spawn or become food for fish. A collection of forty cases, consisting of:—(1) Twenty cases of lepidoptera. (2) Five cases of neuroptera. (3) Two cases of diptera. (4) Ten cases of coleoptera. (5) Two cases of hymenoptera. (6) One case of hemiptera. From Entomological Society of Ontario.

Division L.—Collection of crustacea—dry. From Principal Dawson, Montreal.

Division LI.—(1) Fish of all kinds stuffed, some of the skins having stood the test of ten years' exposure without injury, comprising many of the fresh-water fishes of the great inland lakes of Ontario and of other lakes and rivers in Canada, including large specimens of salmon from British Columbia, of 75 lbs. and upwards. Amongst these are acclimatised *salmo salar* of Lake Ontario and *salmo quinnat* from the Pacific coast. Salmon trout, weighing 70 lbs.; muscalonge, 42 lbs.; the famous *corregonus albus*, or whitefish, of Canadian lakes, herring salmon; brook trout of 5 lbs.; pickerel or dore; black, white, and green bass; sturgeon and their young, a shovel-nosed sturgeon, 6 feet in length, winnoniche, carp, cat-fish, pike, salmon and trout from the Lower Provinces; codfish of 68 and 70 lbs.; shad, mackerel, herring, &c.; also a white porpoise or whale, 2,000 lbs.; a Greenland shark, 12 feet long and others of the shark species of great size; halibut of 220 lbs., and upwards, and various other specimens of sea and fresh-water fishes. (2) Skeletons of *lophius piscatorius*, the angler fish, and of the head of a codfish, exhibited by Robert Morrow, Esq., of Halifax, N.S. (3) A large collection of fishes preserved in alcohol and otherwise, including many of the known fishes of the waters of Canada, scientifically arranged, named, and classified. (4) Paintings, drawings, and photographs of fishes, by Prof. Fowler, Montreal. Varieties of fish are shown in glass cases, with photographs of such from British Columbia, also barnacles and other interesting specimens gathered and forwarded by the Marquis of Lorne.

Division LII.—Alcoholic collection.

Division LIII.—This collection consists of—(1) *Raptors*. White-headed eagle and ospreys (old and young). (2) *Grallatores*, coots, herons, egrets, sandpipers, turnstones, godwits. (3) *Natatores*, razor-bill, puffins, guillemots, divers (old and young) loons, &c. Gulls, terns, cormorants. Gannets, sea-ducks, eider ducks, sheldrakes, canvas-back duck and golden eye. Many of these have been lent from the Museum of Laval University of Quebec.

Division LIV.—Aquatic and amphibious mammalia in large numbers, consisting of taxidermal specimens of otters, fishes, minks, muskrats, weasels, seals; also, the famous white whale of the Gulf of St. Lawrence (the specimen shown weighing 2,000 lbs.), with basking, thresher, Greenland and white sharks, one of the Greenland sharks reaching the enormous weight of 600 lbs.

Division LV.—Maps of Canada, with fishing weirs carefully marked. Charts of the Provinces of Prince Edward Island and British Columbia. Transactions of the Nova Scotia Institution of Natural Science. Reports of the fisheries of Canada, and of the progress made in fish culture, with maps illustrative of the same, also a mammoth map of the Dominion of Canada, 15 feet by 30 feet, illustrative of the great agricultural, mineral and fishery sections of the country.

Division LVI.—Specimens showing the relation between extinct and living fishes, are shown in the collection of Devonian, Carboniferous and Post-pliocene fossils, with fishes (cetacea and mollusca).

Besides the exhibits specified, may be found many others, one of the most attractive being a complete Milicete Indian encampment. The rude appliances of the North American Indian for taking fish are shown, while the wigwam of birch-bark

is of full size and complete in every detail that is required to make up the Indian fisherman's home. On the same terrace are shown the handsome anglers' tents of the International Tent and Awning Company of Ottawa.

## APPENDIX B.

Besides the prizes offered by the Executive Committee of the exhibition for specimens bearing upon the fisheries of the world and the very valuable awards for the best essays upon subjects pertinent to the scope of the exhibition authorities of distinction were asked to compile a series of cheap handbooks upon subjects connected with fisheries, which were sold by thousands during the exhibition, and are now useful reference books. In addition, the Committee also arranged a series of conferences, at each of which one or more papers were read, which were afterwards debated with interest and profit. The last conference was held on the 12th of June, when His Royal Highness the Duke of Edinburgh contributed a masterly paper upon "the sea fisheries and the fishing population of the United Kingdom." During the conferences a very good paper on "the fisheries of the Dominion of Canada" was read by one of the Canadian representatives, Mr. L. Z. Joncas. This paper was well spoken of by the press and contributed not a little to the success and popularity of the Canadian court at the exhibition.

A list of the conference papers and handbooks, as published by the Executive Committee, is hereto attached. All can be obtained for the prices mentioned, from Messrs. Wm. Clowes & Sons (Limited) 13 Charing Cross, S. W., London, G. B.

*Fishery Laws.*—By Frederick Pollock, Barrister-at-Law, M. A. (Oxon), Hon. L. L. D., (Edin.); Corpus Christi Professor of Jurisprudence in the University of Oxford. 1s.

*Zoology and Food Fishes.*—By George B. Howes, Demonstrator of Biology, Normal School of Science and Royal School of Mines, South Kensington. 1s.

*British Marine and Fresh water Fishes* (Illustrated.) By W. S. Saville Kent, F. L. S., F. Z. S., author of Official Guide Books to the Brighton, Manchester and Westminster Aquaria. 1s.

*Apparatus for Fishing.*—By E. W. H. Holdsworth, F. L. S., F. Z. S., Special Commissioner for Juries, International Fisheries Exhibition; author of "Deep Sea Fisheries and Fishing Boats, British Industries, Sea Fisheries," &c. 1s.

*The British Fish Trade.*—By His Excellency Spencer Walpole, Lieut.-Governor of the Isle of Man. 1s.

*The Unappreciated Fisher-Folk.*—By James G. Bertram, author of "The Harvest of the Sea." 1s.

*The Salmon Fisheries* (Illustrated).—By C. E. Fryer, Assistant Inspector of Salmon Fisheries, Home Office. 1s.

*Sea Monsters Unmasked* (Illustrated).—By Henry Lee, F.L.S. 1s.

*The Angling and Preservation Societies of London and the Provinces.*—By J. P. Wheeldon, late Angling Editor of "Bell's Life." 1s.

*The History of Fishing from the earliest times.*—By W. M. Adams, M.A. (Oxon), late Fellow of New College. 1s.

*Fish Culture* (Illustrated).—By Francis Day, F.L.S., Commissioner from India to International Fisheries Exhibition. 1s.

*Fish as a Diet.*—By W. Stephen Mitchell, M.A. (Cantab). 1s.

*Angling in Great Britain.*—By Wm. Senior ("Red Spinner"). 1s.

*Edible Crustacea.*—By W. Saville Kent, F.L.S., F.Z.S., author of Official Guidebooks to the Brighton, Manchester and Westminster Aquaria. 1s.

*Indian Fish and Fishing* (Illustrated).—By Francis Day, F.L.S., Commissioner for India to the International Fisheries Exhibition. 1s.

*The Literature of Sea and River Fishing.*—By Jno. J. Marley, M.A. (Oxon). 1s.

*Folk-Lore of Fishes; their Place in Fable.*

*Fairy Tale, Myth and Poetry.*—By Phil. Robinson. 1s.

- The Outcome of the Exhibition.*—By A. J. R. Trendall, of the Inner Temple, Barrister-at-Law, Literary Superintendent for the Fisheries Exhibition. 1s.
- Inaugural Meeting: Address.*—By Prof. Huxley, P.R.S.; H.R.H. the Prince of Wales (President of the Commission) in the Chair. 6d.
- Notes on the Sea Fisheries and Fishing Population of the United Kingdom.*—By H.R.H. the Duke of Edinburgh, K.G. 1s.
- The Fishery Industries of the United States.*—By Prof. Brown Goode, M.A. 6d.
- Oyster Culture and Oyster Fisheries in the Netherlands.*—By Prof. Hubrecht. 6d.
- Principles of Fishery Legislation.*—By Rt. Hon. G. Shaw Lefevre, M.P. 6d.
- On the Culture of Salmonidæ and the Acclimatisation of Fish.*—By Sir James Gibson Maitland, Bart. 6d.
- Fish Diseases.*—By Prof. Huxley, P.R.S. 6d.
- The Economic Condition of Fishermen.*—By Prof. Leoné Levi.
- The Fisheries of the Dominion of Canada.*—By L. Z. Joncas. 6d.
- Preservation of Fish Life in Rivers, by the Exclusion of Town Sewage.*—By the Hon. W. F. B. Massey Mainwaring. 6d.
- Molluscs, Mussels, Whelks, &c., used for Food or Bait.*—By Chas. Harding. 6d.
- Coarse Fish Culture.*—By R. B. Marston. 6d.
- On the Food of Fishes.*—By Dr. F. Day. 6d.
- The Herring Fisheries of Scotland.*—By R. W. Duff, M.P. 6d.
- Line Fishing.*—By C. M. Mundahl. 6d.
- Fish Transport and Fish Markets.*—By His Excellency Spencer Walpole. 6d.
- Forest Protection and Shelter.*—By D. Howitz, Esq. 6d.
- Seal Fisheries.*—By Capt. Temple. 6d.
- Fish as Food.*—By Sir Henry Thompson. 6d.
- Storm Warnings.*—By R. H. Scott. 6d.
- On the Destruction of Fish and other Aquatic Animals by Internal Parasites.*—By Prof. Cobbold, F.R.S., F.L.S. 6d.
- Artificial Culture of Lobsters.*—By W. Saville Kent. 6d.
- Crustacea.*—By T. Cornish. 6d.
- Salmon and Salmon Fisheries.*—By David Milne Home, F.R.S.E. 6d.
- Scientific Results of the Exhibition.* By Professor C. Ray Lankester. 6d.
- The Fisheries of other Countries.*—By Commissioners for Sweden, Norway, Spain, &c., who took part in the Conference. 6d.
- Pulchard and Mackerel Fisheries.*—By T. Cornish. 6d.
- Fresh water Fishing (other than salmon).*—By J. P. Wheeldon. 6d.
- Basis for Legislation on Fishery Questions.*—By Lieut.-Col. F. G. Solà. 6d.
- Trawling.*—By Alfred Ansell. 6d.
- A National Fishery Society for Great Britain.*—By C. E. Fryer.
- On Facilities for the Improved Capture and Economic Transmission of Sea Fishes, and how these matters affect Irish Fisheries.*—By R. F. Walsh, of Kinsale. 6d.
- The Fisheries of Ireland.*—By Y. C. Bloomfield. 6d.

## INTERNATIONAL FISHERIES EXHIBITION.

## STATEMENT of Expenditure to 30th June, 1884.

|                                     |  | \$ cts.  | \$ cts. |
|-------------------------------------|--|----------|---------|
| J. H. Duvar.....                    | Procuring specimens, etc.....  | 1,199 86 |         |
| W. H. Rogers.....                   | do.....  | 1,250 00 |         |
| Samuel Wilmot.....                  | do.....  | 2,800 00 |         |
| A. C. Anderson.....                 | do.....  | 1,100 00 |         |
| J. U. Gregory.....                  | do.....  | 2,179 99 |         |
| W. F. Whitcher.....                 | do.....  | 300 00   |         |
| J. H. Harding.....                  | do.....  | 400 00   |         |
| H. W. Johnston.....                 | do.....  | 1,419 27 |         |
| Wm. Wakeham.....                    | do.....  | 300 00   |         |
| T. J. Egan.....                     | do.....  | 248 00   |         |
| D. Honeyman.....                    | do.....  | 1,150 10 |         |
| James Dickson.....                  | do.....  | 139 80   |         |
| G. H. Webster.....                  | 31 days as extra clerk.....  | 33 98    |         |
| A. Ogden.....                       | Procuring specimens, etc.....  | 1,108 01 |         |
| Prof. J. Macoun.....                | do.....  | 200 00   |         |
| W. D. Dimock.....                   | Salary and expenses from 7th Oct., 1882, to 30th<br>June, 1884.....            | 1,384 20 |         |
| Hon. A. W. McLelan.....             | Travelling and other expenses to and in London.....                            | 1,744 00 |         |
| A. O. Lamoureux.....                | Samples of fish.....   | 47 06    |         |
| George Clark.....                   | do.....  | 26 00    |         |
| W. H. Thorne & Co.....              | Rope, twine, hooks, etc.....   | 36 71    |         |
| E. Ross.....                        | Weir case.....   | 10 00    |         |
| Gabriel Acquin.....                 | Bark canoe.....  | 40 00    |         |
| Andrew Lawson.....                  | Vets and twine.....  | 8 34     |         |
| J. W. Dawson.....                   | Cotton, glass, etc.....  | 50 08    |         |
| Annapolis Publishing Co.....        | Advertising.....   | 3 24     |         |
| Wm. Power.....                      | Model schooner.....  | 40 00    |         |
| Phillip Veale.....                  | Showcases, office lumber, etc.....   | 1,511 71 |         |
| Wm. Notman & Son.....               | Colored photographs of fisheries protection steamer                            | 50 00    |         |
| T. W. Currier & Co.....             | Lumber.....  | 243 00   |         |
| Erratt & Morel.....                 | Showcases.....   | 109 50   |         |
| J. McLaren.....                     | Lumber.....  | 220 77   |         |
| J. Wigmore.....                     | Cartage.....   | 86 00    |         |
| Thomas Birkett.....                 | Hardware.....  | 224 67   |         |
| Hugh Hinds.....                     | Stove.....   | 30 35    |         |
| H. Embree & Son.....                | Fishing boat.....  | 279 96   |         |
| C. T. Grant.....                    | Nets, anchors, buoys.....  | 45 00    |         |
| J. P. Mowat.....                    | Specimens smoked and frozen salmon and other fish                              | 423 23   |         |
| James Ferguson.....                 | Fishing boat.....  | 181 00   |         |
| R. H. Cogswell.....                 | Thermometers.....  | 9 00     |         |
| International Tent Co.....          | Tents, folding chairs, etc.....  | 88 50    |         |
| L. Z. Joncas.....                   | Procuring specimens.....   | 411 46   |         |
| Wm. Howe.....                       | Repairing cases, etc.....  | 1,280 15 |         |
| Canadian Express Co.....            | Express charges.....   | 15 76    |         |
| G. F. Sproule.....                  | Frame, gilt brackets, etc.....   | 57 65    |         |
| Patrick Troy.....                   | Sturgeon and Trout nets.....   | 96 63    |         |
| G. W. Gauthier.....                 | Making pond, etc.....  | 50 00    |         |
| Lewis Quick.....                    | Models.....  | 97 35    |         |
| E. Harris & Co.....                 | Glass.....   | 80 00    |         |
| Robert Strowger.....                | Repairing nets.....  | 10 00    |         |
| John Herring & Son.....             | Glass.....   | 4 18     |         |
| Julius Humnie.....                  | Making Canadian Coat of Arms, painting and<br>decorating 100 banners, etc..... | 282 00   |         |
| Simmons & Pool.....                 | Carpenters' work on single specimen cases.....                                 | 500 00   |         |
| Jas. Wilson.....                    | Whitefish.....   | 5 75     |         |
| Thomas Douglas.....                 | Paid express charges on specimens from British<br>Columbia.....                | 146 55   |         |
| J. H. Rolph.....                    | Painting glass, etc.....   | 95 06    |         |
| J. Bruce.....                       | Views.....   | 41 00    |         |
| C. Wilmot.....                      | Procuring fish eggs.....   | 28 00    |         |
| A. Bureau.....                      | Lettering and printing 217 cards.....  | 35 00    |         |
| Alcock, Slight & West-<br>wood..... | Fishing tackle.....  | 500 00   |         |
| J. Wilson & Co.....                 | Framing pictures.....  | 30 75    |         |
| C. J. Hardie.....                   | Translating pamphlets.....   | 12 00    |         |
| D. E. Price.....                    | Wooden model of fish register.....   | 64 00    |         |

## INTERNATIONAL Fisheries Exhibition—Statement of Expenditure, etc.—Continued.

|                           |   | \$ cts. | \$ cts. |
|---------------------------|---|---------|---------|
| Intercolonial Express Co. | Freight on exhibits.....                                | 94      | 40      |
| Charles Neal.....         | Carting fish cans, etc.....                             | 150     | 26      |
| Phillip Veal.....         | For wages, carpenter's work, etc.....                   | 1,044   | 30      |
| John Twewright.....       | Ice mill.....   | 70      | 00      |
| Browne & Webb.....        | Preserving fluid.....                                   | 269     | 71      |
| J. E. Butler.....         | Flagstaff.....  | 16      | 80      |
| Geo. E. Smith & Son.....  | Nails and screws.....                                   | 8       | 93      |
| N. & M. Smith.....        | Barrels, boxes, etc.....                                | 96      | 75      |
| W Stairs Son & Morrow     | Nets, ropes.....  | 51      | 22      |
| John Hogan & Son.....     | Lumber.....   | 47      | 71      |
| T. A. L. de Wolf & Son.   | Salt.....   | 26      | 40      |
| John Patterson.....       | Repairing ice mill.....                                 | 3       | 50      |
| M. Walsh.....             | Building trophy.....                                    | 223     | 25      |
| Geo. J. Harris.....       | Ice boxes, etc.....                                     | 23      | 30      |
| A. Montpetit.....         | Essay on fisheries.....                                 | 500     | 00      |
| E. Baynes.....            | Collection and classification of fish food insects..... | 200     | 00      |
| W. Brymner.....           | Models, Tadousac.....                                   | 340     | 50      |
| J. Hume.....              | Work on specimens.....                                  | 180     | 00      |
| J. Steen.....             | Stuffing, etc., specimens.....                          | 99      | 00      |
| R. J. Fowler.....         | Water colours of fish.....                              | 220     | 83      |
| R. Reford & Co.....       | Freight on specimens.....                               | 52      | 78      |
| J. J. Esmond.....         | Specimens fishing camp outfit.....                      | 121     | 33      |
| J. E. Livernois.....      | Photographs.....  | 10      | 00      |
| J. H. Carnell.....        | Stuffed, birds, fish, etc.....                          | 150     | 00      |
| Bank of Montreal.....     | To pay drafts for nets.....                             | 26      | 25      |
| E. Ross.....              | Making cases.....                                       | 90      | 47      |
| C. McClusky.....          | Views of hatchery.....                                  | 12      | 50      |
| W. J. Topley.....         | Expenses collecting specimens with W.F. Whitcher        | 565     | 00      |
| W. B. Deacon.....         | Oyster rake.....  | 7       | 00      |
| Bonnell & Cowan.....      | Shad.....   | 3       | 78      |
| John Hogan.....           | Bass net.....   | 3       | 50      |
| A. B. Clark.....          | Paid expenses on boxes.....                             | 35      | 70      |
| D. Schribner & Son.....   | Angling material.....                                   | 116     | 00      |
| W. H. Venning.....        | Procuring specimens.....                                | 215     | 91      |
| R. Baxter.....            | Work on refrigerator.....                               | 54      | 47      |
| E. Gibson.....            | On account of refrigerator.....                         | 175     | 00      |
| Geo. Gregorie.....        | Specimen fish.....                                      | 73      | 13      |
| Wm. Trickey.....          | Specimens.....  | 3       | 50      |
| A. Christie & Co.....     | Fitting stands.....                                     | 5       | 98      |
| Beard & Venning.....      | Canvas.....   | 8       | 22      |
| H. Braithwaite.....       | Specimens animals destructive of fish.....              | 40      | 00      |
| G. H. Hober.....          | Specimens of fish.....                                  | 27      | 50      |
| T. H. Lymns.....          | Show cases.....   | 15      | 00      |
| T. Douglas.....           | Horse hire.....   | 4       | 75      |
| T. Miller.....            | Flannel, linen, etc.....                                | 8       | 35      |
| A. G. Bowes & Co.....     | Fitting up stove.....                                   | 2       | 70      |
| R. Fothergill.....        | Paid for telegrams, chemicals, etc.....                 | 136     | 06      |
| do                        | do  | 34      | 62      |
| W. H. Dillon.....         | Views of Sydney hatchery.....                           | 25      | 00      |
| Elliott & Son.....        | Tin signs.....  | 10      | 00      |
| Murdoch Bros.....         | Views of Sandwich hatchery.....                         | 15      | 00      |
| Wm. Parker.....           | Specimens of fish.....                                  | 7       | 00      |
| W. Stanton & Co.....      | Wall paper.....   | 27      | 60      |
| Ed. Shrapnel.....         | Completing specimens.....                               | 251     | 80      |
| E. F. Stevenson.....      | Collecting do.....                                      | 19      | 45      |
| I. C. Railway.....        | Freight do.....   | 946     | 53      |
| Jas. Wright.....          | Preparing do.....                                       | 8       | 13      |
| H. T. Blanchard.....      | Views of Magog hatchery.....                            | 30      | 00      |
| T. Sonne.....             | Set of boat sails.....                                  | 70      | 00      |
| John Black & Co.....      | Freight, etc., on specimens (£160 12s. 0d).....         | 781     | 59      |
| Levi Hart & Co.....       | Cod, haddock, etc.....                                  | 8       | 61      |
| Forrest & Co.....         | Lobster pot.....  | 16      | 00      |
| H. St. Nav. Co.....       | Freight and warfage.....                                | 1,128   | 94      |
| J. C. Grenier.....        | Fish, oil, &c.....                                      | 278     | 30      |
| Harris & Campbell.....    | Fish model.....   | 3       | 00      |
| A. Cuddie.....            | Cartage.....  | 15      | 00      |
| A. Ardley.....            | do.....   | 42      | 00      |
| B. B. Noble.....          | Lobster trap and boat.....                              | 8       | 00      |

INTERNATIONAL Fisheries Exhibition—Statement of Expenditure, etc.—Continued.

|                           |   | \$    | cts.  | \$     | cts.  |
|---------------------------|---|-------|-------|--------|-------|
| T. Sheasgreen.....        | Views of Miramichi hatchery.....                              | 12    | 00    |        |       |
| Schoolbred & Co.....      | Matting.....  | 4     | 20    |        |       |
| Canada Atlantic Railway   | Freight.....  | 700   | 00    |        |       |
| G. W. Gauthier.....       | Refrigerator.....   | 200   | 00    |        |       |
| P. Troy.....              | Salted fish.....  | 11    | 00    |        |       |
| J. Hogan.....             | Specimens of fish.....  | 39    | 29    |        |       |
| J. H. Rolph.....          | Straining and painting cases.....                             | 8     | 85    |        |       |
| A. Elsworth.....          | Photographs of specimens.....                                 | 2     | 85    |        |       |
| F. St. Cœur.....          | Travelling and expenses to London.....                        | 169   | 87    |        |       |
| E. Simmons.....           | Cases for models and specimens.....                           | 650   | 07    |        |       |
| F. Clewlow.....           | Coal.....   | 12    | 15    |        |       |
| J. T. Coleman.....        | Mounting and repairing specimens.....                         | 23    | 00    |        |       |
| Demers & Chandler.....    | Plumbing.....   | 28    | 00    |        |       |
| D. Schribner & Son.....   | Fishing rods.....   | 84    | 00    |        |       |
| Dupuis & Nolin.....       | Cotton, etc.....  | 30    | 88    |        |       |
| F. C. Gilchrist.....      | Maskinongé specimens.....                                     | 18    | 00    |        |       |
| J. Leckie.....            | Fishermen's clothing.....                                     | 78    | 15    |        |       |
| C. T. Bate & Co.....      | Alcohol for specimens, plaster, etc.....                      | 65    | 75    |        |       |
| T. Birkett.....           | Hardware.....   | 2     | 69    |        |       |
| Samuel Wilmot.....        | Allowance for special services.....                           | 1,000 | 00    |        |       |
| J. U. Gregory.....        | do do.....  | 500   | 00    |        |       |
| W. H. Venning.....        | do do.....  | 250   | 00    |        |       |
| W. H. Rogers.....         | do do.....  | 250   | 00    |        |       |
| J. H. Duvar.....          | do do.....  | 250   | 00    |        |       |
| A. C. Anderson.....       | do do.....  | 250   | 00    |        |       |
| Gabriel Acquin.....       | Expenses and pay in London.....                               | 365   | 67    |        |       |
|                           |   |       |       | £      | s. d. |
| W. D. Dimock.....         | On account of salary as Secretary, and expenses incurred..... | 967   | 0 9   |        |       |
| L. Z. Joncas.....         | On account of expenses.....                                   | 524   | 0 0   |        |       |
| John S. Cragg.....        | For nets.....   | 31    | 12 0  |        |       |
| Dr. Honeyman.....         | On account of expenses.....                                   | 220   | 0 0   |        |       |
| Samuel Wilmot.....        | do.....   | 260   | 0 0   |        |       |
| A. B. Wilmot.....         | do.....   | 30    | 14 5  |        |       |
| F. St. Cœur.....          | Expenses and wages.....                                       | 32    | 0 0   |        |       |
| F. S. Ross.....           | On account of wages.....                                      | 50    | 0 0   |        |       |
| E. Simmons.....           | do expenses and wages, London.....                            | 75    | 15 9  |        |       |
| S. Bryer.....             | do.....   | 3     | 10 0  |        |       |
| W. D. Hodges.....         | Trimming, blue cloth, furniture, etc.....                     | 47    | 18 4  |        |       |
| Wm. Yeardon.....          | On account of wages.....                                      | 16    | 13 10 |        |       |
| Hon. A. W. McLelan.....   | Expenses.....   | 30    | 0 0   |        |       |
| Cook, Son & Co.....       | Bunting.....  | 7     | 1 2   |        |       |
| "Pall Mall Gazette".....  | Printing.....   | 0     | 16 8  |        |       |
| W. T. F. Smith.....       | Painting.....   | 1     | 6 0   |        |       |
| Chas. Townshend.....      | For forwarding exhibits.....                                  | 5     | 0 0   |        |       |
| John Black & Co.....      | Expenses in connection with freight of exhibits.....          | 290   | 16 3  |        |       |
| Peto Bros.....            | Materials and labourers.....                                  | 105   | 0 4   |        |       |
| Prof. F. A. Smith.....    | Glass bottles, etc.....                                       | 5     | 17 0  |        |       |
| Manlove, Alliot & Co..... | Plated screws.....  | 3     | 0 0   |        |       |
| Geo. Stevenson.....       | To supply of ice for refrigerators, etc.....                  | 120   | 0 0   |        |       |
| Phillip Veale.....        | Wages and disbursements.....                                  | 180   | 0 0   |        |       |
| Clowes & Sons.....        | Printing and pamphlets.....                                   | 9     | 4 0   |        |       |
| Gillon & Co.....          | Decorations and fittings of building.....                     | 349   | 18 6  |        |       |
| H. Chappell.....          | Hardware.....   | 22    | 12 6  |        |       |
| Paper and Canvas Co.....  | Waterproof paper.....   | 9     | 0 0   |        |       |
| Marsh Bros.....           | Photographs.....  | 5     | 10 0  |        |       |
| Samuel Wilmot.....        | Expenses (refunded).....                                      | 7     | 14 6  |        |       |
| P. O'Leary.....           | Labour and printing.....                                      | 10    | 0 0   |        |       |
| Thos. Benjamin.....       | Mounting maps.....  | 21    | 3 6   |        |       |
|                           |   | 3,443 | 5 6   |        |       |
| Bank of Montreal.....     | Charges on cheque book.....                                   | 0     | 8 6   |        |       |
|                           |   | 3,443 | 14 0  |        |       |
|                           |   |       |       | 16,759 | 34    |
|                           |   |       |       | 55,702 | 69    |



INTERNATIONAL Fisheries Exhibition—Statement of Expenditure, etc.—*Concluded.*

|                      |   | \$ cts. | \$ cts.   |
|----------------------|---|---------|-----------|
| Queen's Printer..... | Stationery, etc.....  |         | 114 63    |
|                      | Exchange and commission on £250 sterling, bill<br>drawn by S. Wilmot .....  | 10 09   |           |
|                      | Difference in conversion of sterling .....  | 0 80    |           |
|                      | Total .....   |         | 10 89     |
|                      |   |         | 55,828 21 |
|                      | Less—Proceeds of sale of sundry articles at<br>close of exhibition, and paid to<br>credit at Bank of Montreal, £200 6s. | 974 80  |           |
|                      | Refund .....  | 132 96  |           |
|                      |   |         | 1,107 76  |
|                      |   |         | 54,720 45 |

**SCHEDULE**  
OF  
**FISHERY OFFICERS**  
IN THE  
**DOMINION OF CANADA.**

PROVINCE OF ONTARIO.

| Name.                | District.  | Address.              | Overseer or Warden. | Salary.  |
|----------------------|--|-----------------------|---------------------|----------|
|                      |  |                       |                     | \$ cts.  |
| James Dickson.....   | Slate Island to Pigeon River, Lake Superior.....   | Port Arthur.....      | Overseer..          | 100 00   |
| Joseph Wilson .....  | Thessalon River, Lake Huron, to Slate Island, Lake Superior.....   | Sault Ste. Marie..... | do ...              | 200 00   |
| Donald A. Cameron    | Lake Huron, from the foot of Lake George to Little Current, including St. Joseph, Cockburn, Manitoulin and adjacent islands..... | do .....              | do ...              | 200 00   |
| Samuel Frazer.....   | Georgian Bay, from Allanwood to Victoria Harbour .....   | Midland .....         | do ...              | 100 00   |
| F. M. G. Fraser....  | do from Victoria Harbour to Parry Sound.....   | Victoria Harbour..... | do ...              | 100 00   |
| Solomon James....    | do from Parry Sound to Waddle's Mills, Collins' Inlet.....   | Shawanaga, Parry S'd. | do ...              | 100 00   |
| George R. Steele...  | Inland waters of Parry Sound district.   | McKellar .....        | do ...              | 100 00   |
| Geo. S. Miller. .... | Owen Sound to Cape Hurd.....   | Owen Sound.....       | do ...              | 100 00   |
| James Muir. ....     | Point Clark to Cape Hurd, including adjacent islands.....  | Port Elgin.....       | do ...              | 100 00   |
| Hugh McFayden...     | Head waters of Saugeen River, and tributaries.....   | Durham.....           | do ...              | 40 00    |
| A. C. McKinnon...    | Kettle Point to Point Clarke, Lake Huron.....  | Goderich .....        | do ...              | 100 00   |
| David McMaster....   | Baby's Point, on River St. Clair, to Kettle Point, on Lake Huron.....  | Sarnia.....           | do ...              | 200 00   |
| Chas. W. Raymond     | Lake St. Clair.....  | Mitchell's Bay.....   | do ...              | 50 00    |
| J. B. Moody.....     | North Branch, Sydenham River, from its junction with the main river, at Wallaceburg, to its source.....                          | Waubuno.....          | do ...              | 50 00    |
| P. McCarron.....     | Sydenham River and tributaries.....  | Wallaceburg.....      | do ...              | 100 00   |
| Peter McCann .....   | Thames River, from Thamesville to London.....  | London.....           | do ...              | 250 00   |
| Angus Brady.....     | Thames River, from Lewisville to Cashmere.....   | Bothwell .....        | do ...              | 40 00    |
| Timothy McQueen.     | Mouth of Thames River to Lewisville.   | Chatham .....         | do ...              | 75 00    |
| A. Quenneville....   | Lake St. Clair, from Stony Point to division line between Dover East and West, including mouth of River Thames.....              | Stony Point.....      | Warden ...          | 20 00    |
| E. Boismier.....     | Baptiste Creek, on Lake St. Clair, to mouth of Detroit River.....  | Sandwich.....         | Overseer..          | 300 00   |
| Wm. Prosser.....     | Lake Erie, from mouth of Detroit River to Point Pelée.....   | Leamington.....       | do ...              | 100 00   |
| James Cummins....    | Point Pelée Island.....  | Kingsville .....      | Warden ...          | 50 00    |
| John McMichael...    | Lake Erie frontage, County of Kent...  | Road Eau.....         | Overseer..          | 50 00    |
| Alex. McBride .....  | Lake Erie frontage, County of Elgin.   | St. Thomas.....       | do ...              | 50 00    |
|                      | Carried forward.....   |                       |                     | 2,575 00 |

## SCHEDULE of Fishery Officers in the Dominion, &amp;c.—Continued.

## PROVINCE OF ONTARIO—Continued.

| Name.               | District.  | Address.              | Overseer<br>or<br>Warden. | Salary.             |
|---------------------|--|-----------------------|---------------------------|---------------------|
|                     | Brought forward.....   |                       |                           | \$ cts.<br>2,575 00 |
| David Sharp.....    | That part of the Counties of Norfolk and Haldimand fronting on Lake Erie, and extending from the division line between the Counties of Elgin and Norfolk to the division line between the Townships of Rainham and South Cayuga..... | Port Ryerse.....      | Overseer..                | 200 00              |
| W. A. McCrae.....   | Grand River from mouth to Caledonia, and that part of Lake Erie extending from South Cayuga to Moulton Bay.....  | Dunnville.....        | do ...                    | 100 00              |
| W. P. Croome.....   | Grand River and its tributaries, from Brantford upwards.....   | Brantford.....        | do ...                    | 100 00              |
| John W. Kerr.....   | Whitby Harbour to Moulton Bay.....   | Hamilton.....         | do ...                    | 500 00              |
| Peter Price.....    | Long Point.....  | St. Williams.....     | do ...                    | 50 00               |
| W. D. Pollock.....  | Twelve and Sixteen Mile Creeks, County of Halton.....  | Bronte.....           | Warden ...                | 30 00               |
| Andrew Hughson..    | River Credit, from Orangeville to Norval, together with the Townships of Mono, East Garafraxa, Albion, Amaranth, Luther and Caledon to Church's Mills Cataract.....  | Orangeville.....      | Overseer..                | 50 00               |
| Wellington Hull..   | Rivers Credit and Speed, with their tributaries, in the Townships of Eramosa, Erin, Carleton and Esquessing.....   | Erin.....             | do ...                    | 50 00               |
| Alex. Blakely.....  | River Credit, from mouth of river up to Norval.....  | Port Credit..         | do .....                  |                     |
| Charles Gilchrist.. | Rice Lake and that part of Lake Ontario, fronting on the County of Northumberland.....   | Harwood.....          | do ...                    | 400 00              |
| Nelson Simmons..    | Trent River, Counties of Northumberland and Hastings.....  | Meyersburg.....       | do ...                    | 100 00              |
| Jos. Redmond.....   | County of Prince Edward.....   | Picton.....           | do ...                    | 300 00              |
| Charles Wilkins..   | Waters of the Bay of Quinté, fronting on the County of Hastings, and from Carrying Place eastward to Mill Point, County of Prince Edward.....  | Belleville.....       | do ...                    | 400 00              |
| A. D. Sills.....    | Lake shore and inland waters, County of Lennox and Addington, including Amherst Island.....  | Napanee.....          | do ...                    | 150 00              |
| Peter Kiel.....     | Wolfe Island.....  | Wolfe Island..        | do ...                    | 200 00              |
| Nassau Acton.....   | Gananoque River and the St. Lawrence River, from Wolfe Island to Jackstraw Lighthouse.....   | Gananoque..           | do ...                    | 100 00              |
| Thomas Merritt...   | Townships of Storrington, Pittsburg and Kingston, County of Frontenac.....   | Kingston.....         | do ...                    | 100 00              |
| John Cox.....       | Howe Island.....   | Howe Island.....      | do ...                    | 50 00               |
| John Mooney.....    | Brockville to Cornwall.....  | Prescott.....         | do ...                    | 200 00              |
| John Wallace.....   | Rockport to Gananoque.....   | Lansdown.....         | Warden... ..              | 50 00               |
| Henry Hunt.....     | Larue's Island.....  | Rockport.....         | do ...                    | 20 00               |
| William Pool.....   | Brockville to Rockport.....  | Grenadier Island..... | Overseer..                | 50 00               |
| T. McGarity.....    | Counties of Stormont and Glengarry.....  | Cornwall.....         | do ...                    | 50 00               |
| O. Miron.....       | South Nation River, County of Prescott.....  | Curran.....           | do ...                    | 30 00               |
|                     | Carried forward.....   |                       |                           | 5,855 00            |

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF ONTARIO—*Continued.*

| Name.               | District.  | Address.                   | Overseer or Warden. | Salary.  |
|---------------------|--|----------------------------|---------------------|----------|
|                     |  |                            |                     | \$ cts.  |
|                     | Brought forward .....  |                            |                     | 8,855 00 |
| Wm. Boucher.....    | Waters of Co. Carleton.....  | South March.....           | Overseer ..         | 250 00   |
| Arch Acheson.....   | Lower Allumette and Coulonge Lakes   | Westmeath .....            | do ...              | 25 00    |
| John Grant.....     | Upper Allumette to Des Joachims,<br>including Petawawa River.....  | Forester's Falls .....     | do ...              | 100 00   |
| Andrew Telfer.....  | Bonnechère River and Lakes, County<br>Renfrew .....  | Bristol Corners, Que... .. | do ...              | 50 00    |
| M. L. Russell.....  | Bonnechère River .....   | Renfrew .....              | do ...              | 25 00    |
| Jno. R. McDonald.   | Madawaska River .....  | Clontarf .....             | do ...              | 50 00    |
| Thos. McKibbin ..   | Mink and Doré Lakes, Co. Renfrew ..  | Eganville.....             | do ...              | 25 00    |
| Geo. Douglas.....   | Muskat Lake and Snake River, Co.<br>Renfrew .....  | Snake River .....          | do ...              | 25 00    |
| John Smith.....     | Lake des Chats, from Portage du Fort<br>to Fitzroy Harbour .....   | Renfrew .....              | do ...              | 50 00    |
| Joseph Belanger ..  | Calabogie Lake and inland waters of<br>Township of Bagot, County Ren-<br>frew .....  | High Falls .....           | do ...              | 25 00    |
| John McMullen ...   | Mattawa River and Lake Nipissing ...   | Nipissing .....            | do ...              | 200 00   |
| John Murphy.....    | Co. Lanark, Rideau Canal and Lakes.  | Burgess, Perth P. O....    | do ...              | 50 00    |
| Ephraim Deacon...   | River Tay, Co. Lanark .....  | Bolingbroke .....          | do ...              | 100 00   |
| James McFadden ..   | Mississippi River and Lake .....   | Carleton Place .....       | do ...              | 30 00    |
| A. E. Mills .....   | Rideau River and Canal .....   | Smith's Falls .....        | do ...              | 50 00    |
| Geo. Jeacle.....    | Rideau Lakes .....   | Westport .....             | do ...              | 100 00   |
| Wm. Hicks .....     | Upper and Lower Beverley Lakes .....   | Farmersville.....          | do ...              | 50 00    |
| John A. Cameron.    | Townships of Bedford, Hiuchiubroke,<br>Olden and Oso, County of Frontenac.   | Westport .....             | do ...              | 100 00   |
| Hy. R. Purcell..... | Townships of Camden, Portland,<br>Loughboro', Sheffield and Kennebec,<br>County of Addington .....   | Colebrook .....            | do ...              | 100 00   |
| Robt. Gilbert.....  | Townships of Palmerston, Clarendon,<br>North and South Canoto and Mil-<br>ler, County of Frontenac .....   | Ompah .....                | do ...              | 100 00   |
| W. H. Johnston....  | Charleston Lake, Gananoque Lake<br>and River .....   | Farmersville .....         | do ...              | 75 00    |
| James Greer.....    | Gananoque River .....  | Warburton .....            | do ...              | 40 00    |
| George Cochrane.    | Inland waters, Co. Peterborough, in-<br>cluding Pigeon, Deer, Salmon-<br>Trout, Stony, Sturgeon and Che-<br>mong Lakes .....   | Lakefield .....            | do ...              | 250 00   |
| John Dauncey.....   | Upper Division or East Riding, Co.<br>Peterborough, comprising waters of<br>Gull and Burnt Rivers and tribu-<br>taries, together with Drag, Eagle,<br>Moose, Redstone, Crooked and<br>other lakes within such limits ..... | Minden .....               | do ...              | 100 00   |
| J. R. Graham.....   | Inland waters, N.R., County Victoria,<br>north of Sturgeon Lake, and above<br>Fenelon Falls .....  | Victoria Road .....        | do ...              | 100 00   |
| Geo. B. McDermott   | Lake Scugog, including Lindsay or<br>Scugog River to its mouth .....   | Port Perry.....            | do ...              | 200 00   |
| L. S. Saunders..... | Lake Simcoe and its tributaries.....   | Barrie .....               | do ...              | 150 00   |
| Wm. Hastings.....   | Lake Simcoe, from Cook's Bay to<br>Beaverton .....   | Roach's Point .....        | do ...              | 50 00    |
| R. G. Dalton.....   | Lake Couchiching and Severn River,<br>Co. Simcoe and Ontario.....  | Orillia .....              | do ...              | 50 00    |
| Wm. McDermott ...   | County Simcoe, South Riding .....  | Beeton .....               | do ...              | 50 00    |
|                     | Carried forward .....  |                            |                     | 8,425 00 |

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF ONTARIO—Concluded.

| Name.             | District.  | Address.            | Overseer or Warden. | Salary.             |
|-------------------|--|---------------------|---------------------|---------------------|
|                   | Brought forward.....   |                     |                     | \$ cts.<br>8,425 00 |
| Wm. E. Foot.....  | Lakes Muskoka, Rosseau, Joseph, Lake of Bays and the Magnetawan River..... | Eracebridge.....    | Overseer..          | 125 00              |
| C. E. Roper.....  | North Branch of Muskoka River and Mary Lake to Nipissing Road.....         | Port Sydney.....    | do ...              | 100 00              |
| W. B. Jelly.....  | County of Wellington.....  | Bowling Green.....  | do ...              | 40 00               |
| W. Helliwell..... | County of York.....  | Highland Creek..... | do ...              | 100 00              |
|                   | Total.....   |                     |                     | 8,790 00            |

PROVINCE OF QUEBEC.

|                      |   |                       |   |            |
|----------------------|---|-----------------------|---|------------|
| Wm. Wakeham....      | Lower St. Lawrence River and Gulf...  | Gaspé Basin.....      | } Officer in charge of Fisheries Protection Service in Gulf and Lower St. Lawrence. | } 1,200 00 |
| L. P. Huot.....      | Lakes Philippe, Gagné, and adjacent lakes, and the Island of Orleans...   | St. Roch, Quebec..... |   |            |
| U. Bhéreur.....      | River du Gouffre to Canard River, including inland lakes adjacent to Murray Bay and St. Paul's Bay.....               | Murray Bay.....       | do ...  | 50 00      |
| Henri Odté.....      | Lakes in rear of Murray Bay and Bay St. Paul.....   | Bay St. Paul.....     | Warden ...  | 30 00      |
| Edouard Martin.....  |   | do .....              | do ...  | 30 00      |
| Jos. Simard.....     | Counties of Chicoutimi and Saguenay.  | St. Agnes.....        | do ...  | 40 00      |
| Antoine Filion.....  |   | Bay St. Paul.....     | do ...  | 30 00      |
| Jos. Radford.....    | Grand Bay.....  | Tadoussac.....        | Overseer..  | 200 00     |
| Jacques Girard.....  | Lake St. John.....  | Grand Bay.....        | Warden ...  | 100 00     |
| Romuald Maltais..... | do .....  | Alma.....             | do ...  | 50 00      |
| Ohas. Potvin.....    | Lake St. John and tributaries, Upper Saguenay.....  | Roberval.. ..         | do ...  | 50 00      |
| Job Bilodeau.....    | Escoumains to Bersimis.....   | Metabetchouan.....    | do ...  | 50 00      |
| Joseph Bolly.....    | North Shore River St. Lawrence, from Point des Monts to Baie des Rochers, including Trinity and Pentecost Rivers..... | Mille Vaches.....     | do ...  | 50 00      |
| J. O. Belanger.....  | Western Division Natashquan, including Rivers Agwanus, Nabissippi and Natashquan.....                                 | L'Islet .....         | do ...  | 150 00     |
| G. Mathurin.....     | Esquimaux Point to Sheldrake River..  | Montmagny.....        | do ...  | 200 00     |
| G. L. Duguay.....    | Washeecootai Division, comprising the Rivers Kegascha, Musquarro, Washeecootai and Olomanosheebou                     | Murray Bay.....       | do ...  | 150 00     |
| W. McLeod.....       | Moisie District, from Point Jambon to Point St. Charles, including Moisie River.....                                  | Ste. Catherine.....   | do ...  | 100 00     |
| T. Mignault.....     | St. Augustine Division, from Cape Whittle to Checatica.....   | Montmagny.....        | do ...  | 200 00     |
| J. Legouvé.....      |   | Gaspé Basin.....      | do ...  | 100 00     |
|                      | Carried forward.....  |                       |   | 2,880 00   |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF QUEBEC—Continued.

| Name.                 | District.  | Address.                         | Overseer<br>or<br>Warden. | Salary.  |
|-----------------------|--|----------------------------------|---------------------------|----------|
|                       |  |                                  |                           | \$ cts.  |
| Brought forward.....  |  |                                  |                           | 2,880 00 |
| W. H. Whitely.....    | Bonne Espérance Division, from Che-<br>catica to Blanc Sablon .....  | Bonne Espérance.....             | Warden ...                | 100 00   |
| Ant. Chevrier .....   | Magdalen Islands .....   | Amherst .....                    | Overseer..                | 100 00   |
| Chas. Ascah .....     | Anticosti Island .....   | .....                            | do ...                    | 50 00    |
| J. A. Verge .....     | The estuary division of the Risti-<br>gouche River. ....   | Cross Point.....                 | do ...                    | 300 00   |
| Mich. Archibald ...   | The fluvial division of the Ristigouche<br>River and its tributaries .....   | Matapedia .....                  | do ...                    | 200 00   |
| John Cullen.....      | Paspebiac Point to Maguasha Point...   | Carleton .....                   | do ...                    | 200 00   |
| John Phelan.....      | Point Maquereau to Paspebiac Point..   | Port Daniel.....                 | do ...                    | 50 00    |
| P. Vibert, jun .....  | York, Dartmouth and St. John Rivers.   | .....                            | .....                     | .....    |
| J. J. Letourneau...   | Gaspé Basin to Point Maquereau...<br>Cape Chatte to River Ste. Anne des<br>Monts .....   | Gaspé Basin.....                 | do ...                    | 200 00   |
| J. B. Saucier.....    | From River Blanche to Cape Chatte,<br>including Matane River. ....   | Ste. Anne des Monts ...          | do ...                    | 100 00   |
| L. E. Grondin' .....  | Rimouski to River Blanche .....  | Matane.....                      | do ...                    | 100 00   |
| H. Martin.....        | Pointe à la Loupe, Green Island, to<br>Rimouski River (same included)....  | Rimouski. ....                   | do ...                    | 100 00   |
| Jules Gauvreau ...    | River Ouelle to Pointe à la Loupe,<br>Green Island .....   | do .....                         | do ...                    | 100 00   |
| F. O. Caron .....     | Point Lévis to River Ouelle.....   | Isle Verte .....                 | do ...                    | 100 00   |
| George Gagnon ...     | Inland waters, County Témiscouata ...  | L'Islet .....                    | do ...                    | 200 00   |
| Phileas Dubé. ....    | Lake Témiscouata and neighbouring<br>waters, County Témiscouata .....  | St. Epiphane .....               | Warden ...                | 30 00    |
| Alfred Blais .....    | Lake Matapedia and River Matapedia<br>to CausapscaL.....   | Notre Dame du Lac....            | do ...                    | 75 00    |
| Pierre Latraverse.    | That part of the River St. Lawrence<br>bordering on the Counties of Riche-<br>lieu, Yamaska and Berthier, in the<br>Province of Quebec, including Sorel<br>and adjoining islands. .... | CausapscaL. ....                 | Overseer..                | 100 00   |
| J. F. Picotin.....    | St. Francis River .....  | Sorel .....                      | Warden ...                | 100 00   |
| H. W. Austin .....    | Richelieu River and tributaries, from<br>Sorel to St. John .....   | Drummondville. ....              | do ...                    | 100 00   |
| J. B. Chevalier ...   | Richelieu River, from St. John to<br>Lake Champlain.....   | Berthier ( <i>en haut</i> )..... | Overseer..                | 400 00   |
| N. A. Beach .....     | Lake Memphremagog, in the Counties<br>of Stanstead and Brome. ....   | Iberville. ....                  | do ...                    | 150 00   |
| Treffé Marchessault   | Brome Lake .....   | Georgeville. ....                | do ...                    | 100 00   |
| P. C. Bourk .....     | Inland waters of County Megantic ...   | Knowlton.....                    | Warden ...                | 50 00    |
| J. Laberge.....       | River Chateauguay, from mouth to<br>village .....  | Somerset.....                    | do ...                    | 75 00    |
| John Kelly. ....      | That part of River St. Lawrence and<br>Lake St. Francis fronting on Coun-<br>ties Beauharnois and Huntingdon...  | Chateauguay Basin ...            | do ...                    | 50 00    |
| P. E. Luke.....       | Missisquoi Bay, in Lake Champlain,<br>and Pike River .....   | Beauharnois .....                | do ...                    | 75 00    |
| W. G. Willis .....    | Waters in Districts of St. Francis.....  | Phillipsburg. ....               | do ...                    | 50 00    |
| J. B. McDonald ...    | Lake Megantic .....  | Sherbrooke.....                  | do ...                    | 150 00   |
| Y. Veilleux .....     | Inland waters of the County of Beauce  | Echo Vale.....                   | do ...                    | 100 00   |
| Odilon Lacoursière    | Inland waters of the County of Cham-<br>plain.....   | St. Ephrem de Tring...           | Warden ...                | 40 00    |
| Jos. Desaulniers ...  | Inland waters, Counties St. Maurice<br>and Maskinonge .....  | St. Tite.....                    | Overseer..                | 75 00    |
| Jos. Lambert. ....    | St. Lawrence River, fronting on County<br>St. Maurice .....  | Shawenegan.....                  | do ...                    | 75 00    |
| Carried forward ..... |  |                                  |                           | 50 00    |
|                       |  |                                  |                           | 6,625 00 |

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF QUEBEC—*Concluded.*

| Name.               | District.  | Address.                              | Overseer<br>or<br>Warden. | Salary.             |
|---------------------|--|---------------------------------------|---------------------------|---------------------|
|                     | Brought forward.....   |                                       |                           | \$ cts.<br>6,625 00 |
| Wm. Ritchie.....    | Inland waters of County Montcalm ..  | St. Donat .....                       | Overseer..                | 75 00               |
| J. L. Martel .....  | Inland waters of County Joliette.....  | St. Alphonse.....                     | do ...                    | 75 00               |
| Jos. Gingras.....   | Yamaska River .....  | St. Michel de Yamaska                 | do ...                    | 25 00               |
| M. Hurteau.....     | Verchères and L'Assomption Counties  | Contrecoeur.....                      | do ...                    | 25 00               |
| S. A. Grant .....   | That part of the St. Lawrence River<br>fronting Counties of Berthier and<br>Maskinongé.....      | Louiseville.....                      | Warden...                 | 40 00               |
| Jos. Boivin.....    | St. Lawrence River, front Point Beau-<br>det to Côteau Landing, including<br>River Beaudet ..... | River Beaudet.....                    | Overseer..                | 50 00               |
| John Morris.....    | River St. Lawrence around Island of<br>Montreal.....   | St. Lambert.....                      | do ...                    | 200 00              |
| Jos. Lauzon. ....   | River Jesus and Des Prairies.....  | Terreboune.....                       | do ...                    | 100 00              |
| Toussaint Cloutier  | Inland waters of Terrebonne, and part<br>of those of Argenteuil .....                            | St. Sauveur.....                      | do ...                    | 100 00              |
| Alexander Beaton.   | The inland waters in rear of the<br>County of Argenteuil.....                                    | Lost River P.O., Har-<br>rington..... | do ...                    | 30 00               |
| R. W. Jones.....    | Ottawa River, from Oka to Carillon,<br>north side.....   | St. Andrews .....                     | do ...                    | 40 00               |
| Theo. Sabourin .... | Ottawa River, from Oka to Carillon,<br>south side.....   | Rigaud .....                          | do ...                    | 100 00              |
| Jos. Marion.....    | County of Ottawa.....  | Hull.....                             | Overseer..                | 300 00              |
| Robt. Joynt.....    | Lake Bernard, Co. Ottawa .....   | Joynt P. O.....                       | Warden...                 | 50 00               |
| James Mohr.....     | The waters of the County of Pontiac,<br>from Ottawa County line west to<br>River Coulonge.....   | Ouslow.....                           | Overseer..                | 40 00               |
| J. T. Coghlan.....  | The waters of the County of Pontiac,<br>from River Coulonge west to Des<br>Joachims .....        | Waltham.....                          | do ...                    | 50 00               |
|                     | Total.....   |                                       |                           | 7,925 00            |

## PROVINCE OF NOVA SCOTIA.

|                      |                                     |                    |                                      |          |
|----------------------|-------------------------------------|--------------------|--------------------------------------|----------|
| W. H. Rogers.....    | Nova Scotia.....                    | Amherst .....      | Inspector<br>of Fisher-<br>ies ..... | 1,800 00 |
| A. C. Bertram.....   | Cape Breton Island.....             | North Sydney.....  | Fishery<br>Officer.                  | 500 00   |
|                      | <i>Annapolis County.</i>            |                    |                                      |          |
| W. T. Carty.....     | Annapolis County.....               | Annapolis.....     | Overseer..                           | 120 00   |
| A. F. Morton.....    | Annapolis County.....               | Wilmot.....        | Warden...                            | 25 00    |
| Geo. Vroom.....      | Bear River, south side.....         | Bear River.....    | do ...                               | 25 00    |
| Wm. Croscup.....     | Bear River, north side.....         | do .....           | do ...                               | 25 00    |
| W. A. Rice.....      | Annapolis River.....                | Bridgetown.....    | do ...                               | 25 00    |
| W. M. Bailey.....    | Lovett's Brook .....                | Round Hill.....    | do ...                               | 25 00    |
| M. Riordau.....      | Annapolis and Langille Rivers ..... | Annapolis.....     | do ...                               | 25 00    |
| T. R. Ilsey.....     | From Lawrence to County Line.....   | Lawrencetown.....  | do ...                               | 25 00    |
| Albert Barteaux..... | Nictaux River.....                  | Nictaux Falls..... | do ...                               | 25 00    |
|                      | Carried forward.....                |                    |                                      | 2,620 00 |

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF NOVA SCOTIA—*Continued.*

| Name.              | District.  | Address.                                   | Overseer<br>or<br>Warden. | Salary.<br><br>\$ cts. |
|--------------------|--|--|---------------------------|------------------------|
|                    | Brought forward.....   |  |                           | 2,620 00               |
|                    | <i>Antigonish County.</i>  |  |                           |                        |
| John McDonald....  | Antigonish County.....   | Doctor's Brook.....                        | Overseer..                | 125 00                 |
| Angus McDonald..   | From mouth of Harbour to foot of Marsh, thence up Tracadie stream to lake, from Marsh up to Monastery Brook, including French Settlement Brook and Tarbitts.....       | Tracadie.....                              | Warden....                | 25 00                  |
| J. R. Aymer.....   | From mouth of Harbour to Forks, from thence on the Pomquet River to V. Chisholm's Mills, and from Forks on the Black River to Falls.....                               | Pomquet Forks, Antigonish.....             | Warden ...                | 25 00                  |
| Albert Randall.... | From shore to lake.....  | Bayfield, W.O.....                         | do ...                    | 15 00                  |
| Colin Chisholm.... | From Antigonish Harbour to McWilliams or St. Andrew's Bridge.....  | Lower South River, Antigonish.....         | do ...                    | 25 00                  |
| Lauchlin Cameron   | From McWilliam's Bridge to Fraser's Bridge, including Big Brook.....   | Upper South River, Antigonish.....         | do ...                    | 30 00                  |
| John Cumming....   | From Fraser's Bridge to County line at head of lake.....   | Upper South River, Antigonish.....         | do ...                    | 20 00                  |
| John Dexter .....  | From Antigonish Harbour (foot of Marsh) to Trotter's Mill Brook, thence up said Brook to Trotter's Mill, including both branches of West River and Bailey's Brook..... | Antigonish.....                            | do ...                    | 30 00                  |
| Donald Chisholm..  | From Trotter's Mill Brook to W. Thompson's Dam.....  | Salt Springs, Antigonish.....              | do ...                    | 25 00                  |
| Alex. Macadam....  | From Thompson's Dam to Addington Forks Bridge.....   | West River, Addington Forks, Antigonish... | do ...                    | 25 00                  |
| Duncan Fraser....  | From Pinkeytown Bridge to Stewart's Mill.....  | Ohio.....                                  | do ...                    | 20 00                  |
| James Chisholm ... | From Campbell's Rock, on Pomquet River, to V. Chisholm's Mill on the Eastern Branch and to Alexander McDonald's Mill on the Western Branch.....                        | St. Andrew's.....                          | do ...                    | 25 00                  |
| Arch. McDougall..  | From John McDonald's (Bun's) Cove, north side of Cape George, to Crobbing Head, St. George's Bay.....  | McNair's Cove, Cape George.....            | do ...                    | 25 00                  |
| Donald McDonald..  | West River, from Forks Bridge to Pinkeytown Bridge, including Jones' River and Beaver River.....   | Addington Forks.....                       | do ...                    | 25 00                  |
|                    | <i>Cape Breton County.</i>   |  |                           |                        |
| Francis Quinan ... | From Low Point to South Head of Cow Bay, and north side of Mira Bay, including Salmon River and Sydney River.....  | Sydney.....                                | Overseer..                | 120 00                 |
| Wm. Burke.....     | Mira Bridge and Trout Brook.....   | Burke's Bridge, Mira River.....            | Warden ...                | 25 00                  |
|                    | Carried forward.....   |  |                           | 3,205 00               |



SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

| Name.                                | District.   | Address.                         | Overseer or Warden. | Salary.  |
|--------------------------------------|---|----------------------------------|---------------------|----------|
|                                      |   |                                  |                     | \$ cts.  |
| Brought forward.....                 |   |                                  |                     | 3,205 00 |
| <i>Cape Breton County—Concluded.</i> |   |                                  |                     |          |
| John McEachen....                    | Salmon River.....   | Grand Mira, Arichat...           | Warden...           | 25 00    |
| Donald McDonald....                  | Sydney River and Forks.....   | Sydney Forks.....                | do...               | 45 00    |
| Alex. McLean.....                    | Mill Brook.....   | Mill Brook.....                  | do...               | 20 00    |
| York Barrington....                  | North of East Bay to Head of Sydney River, including part of Boularderie Island.....                        | Sydney Mines.....                | Overseer..          | 120 00   |
| Alex. McDonald....                   | South of East Bay to Salmon River.....  | East Bay.....                    | do...               | 120 00   |
| Allan McAdam....                     | Eskaioni.....   | Eskaioni.....                    | Warden...           | 25 00    |
| Angus Morrison....                   | Marrion Bridge, Mira.....   | Marrion Bridge, Mira.....        | do...               | 25 00    |
| M. McLellan.....                     | Rory Brack's Brook.....   | Rory Brack's Brook.....          | do...               | 25 00    |
| P. Keefe.....                        | North-West Brook, Grand Lake and tributaries.....   | Lingan.....                      | do...               | 25 00    |
| Donald McCormack                     | Leitch's Creek and George's River.....  | Leitch's Creek, W.O.             | do...               | 25 00    |
| D. J. McNeil.....                    | Benacadie River, emptying into Bras d'Or.....   | Benacadie River.....             | do...               | 25 00    |
| Arch. McDonald....                   | Ball's Creek.....   | Ball's Creek.....                | do...               | 20 00    |
| <i>Colchester County.</i>            |   |                                  |                     |          |
| R. J. Pollock.....                   | Stewiacke River (lower portion).....  | Lower Stewiacke.....             | Overseer..          | 75 00    |
| T. Johnson.....                      | Salmon River.....   | Salmon River, Truro...           | Warden...           | 25 00    |
| George Fulton.....                   | Stewiacke River (upper portion).....  | Stewiacke River, Brookfield..... | do...               | 25 00    |
| H. Gass.....                         | Northern Division County Colchester, comprising Tatamagouche Bay, French and Waugh's River.....             | Tatamagouche.....                | Overseer..          | 50 00    |
| J. W. Davison.....                   | Colchester County, Western Division   | Upper Economy.....               | do...               | 100 00   |
| Daniel McKay.....                    | Waugh's River.....  | Tatamagouche River.....          | Warden...           | 40 00    |
| Robt. K. Fulton....                  | De Bert River.....  | Folly Village.....               | do...               | 25 00    |
| George Moore.....                    | Economy River.....  | Economy.....                     | do...               | 25 00    |
| Mat. G. Murray....                   | Salmon River.....   | Truro.....                       | do...               | 25 00    |
| William Winton....                   | Lower Stewiacke River.....  | Lower Stewiacke.....             | do...               | 25 00    |
| Alfred Wright....                    | do do.....  | do do.....                       | do...               | 25 00    |
| Henry Blair.....                     | Eastern Division, County Colchester.  | North River.....                 | Overseer..          | 100 00   |
| Henry Urquhart....                   | Folly River.....  | Folly Village.....               | Warden...           | 25 00    |
| Samuel Frame.....                    | Shubenacadie River and Gay's River..  | Shubenacadie River.....          | do...               | 25 00    |
| Edw. Rutherford....                  | Stewiacke River.....  | Stewiacke.....                   | do...               | 25 00    |
| Hilbert Corbett....                  | Harrington and North Rivers.....  | Five Islands.....                | do...               | 25 00    |
| Jesse Fulmer.....                    | East and Bass Rivers.....   | do.....                          | do...               | 25 00    |
| <i>Cumberland County.</i>            |   |                                  |                     |          |
| G. W. Gilroy.....                    | Cumberland County, Eastern Division, embracing all streams emptying into the Straits of Northumberland..... | Oxford.....                      | Overseer..          | 100 00   |
| Thos. R. Smith....                   | Shinimicas River.....   | Shinimicas River.....            | Warden...           | 25 00    |
| Elijah Fowler.....                   | Cumberland County, Western Division, including all streams flowing into the Bay of Fundy.....               | Amherst.....                     | Overseer..          | 130 00   |
| Isaac Logan.....                     | Laplacche and Nappan Rivers.....  | do.....                          | Warden...           | 25 00    |
| Moses Harrison....                   | Maccan River.....   | Maccan, W.O.....                 | do...               | 25 00    |
| Jos. Porter.....                     | River Hebert.....   | River Hebert.....                | do...               | 25 00    |
| Francis L. Jenks...                  | Parrsboro' Head.....  | Parrsboro'.....                  | do...               | 25 00    |
| Carried forwa. d. ....               |   |                                  |                     | 4,725 00 |

## SCHEDULE of Fishery Overseers in the Dominion—Continued.

## PROVINCE OF NOVA SCOTIA—Continued.

| Name.                 | District.   | Address.                                   | Overseer<br>or<br>Warden. | Salary.             |
|-----------------------|---|--|---------------------------|---------------------|
|                       | Brought forward.....  |  |                           | \$ cts.<br>4,725 00 |
|                       | <i>Cumberland County—Concluded.</i>   |  |                           |                     |
| Wm. Murphy.....       | Wallace River.....  | Wallace.....                               | do ...                    | 30 00               |
| Samuel McPeerson      | Pugwash River.....  | Pugwash River.....                         | do ...                    | 25 00               |
| Sydney Smith.....     | Apple River.....  | Advocate Harbour.....                      | do ...                    | 25 00               |
|                       | <i>Digby County.</i>  |  |                           |                     |
| Wm. Hanley.....       | Digby County .....  | Digby.....                                 | Overseer..                | 120 00              |
| Abraham L. Gavil.     | Joggins River .....   | do .....                                   | Warden ...                | 25 00               |
| Lochlin McKay. ...    | St. Mary's Bay.....   | St. Mary's Bay, W.O...                     | do ...                    | 25 00               |
| Robert Journey .....  | Sissaboo River.....   | Weymouth.....                              | do ...                    | 25 00               |
| Jas. A. Collins ..... | Western Division of Digby County,<br>Long and Brier Islands .....   | Westport. ....                             | Overseer..                | 120 00              |
|                       | <i>Guysborough County.</i>  |  |                           |                     |
| James A. Tory.....    | Guysborough County.....   | Guysborough. ....                          | Overseer..                | 150 00              |
| James Cook .....      | Salmon River, from mouth to Gra-<br>ham's West Line.....  | Salmon River, W.O....                      | Warden ...                | 25 00               |
| James McEllum....     | From Graham's West Line to foot of<br>Neil's Lake, including North Branch<br>and Lake .....                                 | do ..                                      | do ...                    | 25 00               |
| Charles Kenny .....   | From foot of Neil's Lake to Beaver<br>Dam Lake, inclusive, and all the<br>lakes through which it passes.....                | Salmon River, West<br>Branch, Guysboro'... | do ...                    | 15 00               |
| Donald Gunn.....      | From mouth of Scott's Place to<br>Country Harbour Lake, including<br>Gunn's Brook, from Man River to<br>Hurley's Lake ..... | Cross Roads .....                          | do ...                    | 30 00               |
| William Pride .....   | From mouth of St. Mary's River to<br>Sinclair Point, including stream<br>from Wine Harbour to Lake. ....                    | Sherbrooke, St. Mary's.                    | do ...                    | 30 00               |
| Thomas McKeen ...     | From Forks to County Line, includ-<br>ing McQueen's Mill and Brook, to<br>Lake .....  | Melrose .....                              | do ...                    | 30 00               |
| J. L. Smyth .....     | From Forks to Indian Man's Brook ...  | West River. ....                           | do ...                    | 25 00               |
| Robert McKay.....     | From head of tide to head of Inter-<br>vale, on the North Branch, and to<br>Cameron's Mill, on the Valley<br>Branch .....   | Guysborough, Inter-<br>vale, W.O.....      | do ...                    | 15 00               |
| James R. Bruce....    | From mouth of Clam Harbour River<br>to Upper Falls.....   | Guysborough .....                          | do ...                    | 10 00               |
| D. A. McDonald ...    | St. Mary's River .....  | St. Mary's River, Sher-<br>brooke. ....    | do ...                    | 40 00               |
| Allan McQuarrie...    | District of St. Mary's .....  | Sherbrooke. ....                           | Overseer..                | 100 00              |
| Adam Kirk. ....       | St. Mary's River, extending from Alex.<br>Ross' (above still waters) to Hugh<br>Halters', on the West River.....            | Glenelg .....                              | Warden ...                | 30 00               |
| Wm. McDonald....      | St. Mary's River .....  | Stillwater. ....                           | do ...                    | 25 00               |
| D. McC Sinclair ...   | From Sinclair to Headwater. ....  | Goshen. ....                               | do ...                    | 20 00               |
| Luke Harpell. ....    | From mouth to head of Indian River..  | Indian River, St. Mary's<br>District ..... | do ...                    | 15 00               |
|                       | Carried forward.....  |  |                           | 5,705 00            |

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

| Name.                              | District.  | Address.                               | Overseer or Warden. | Salary.  |
|------------------------------------|--|--|---------------------|----------|
|                                    |  |  |                     | \$ cts.  |
|                                    | Brought forward.....   |  |                     | 5,705 00 |
|                                    | <i>Guyborough County—Concluded.</i>  |  |                     |          |
| D. Cameron, sen...                 | West River, St. Mary's, from Wallace Bridge to head of River. ....           | Upper Caledonia .....                  | do ...              | 20 00    |
| Frederick Mattie...                | Tracadie River, in Counties of Guyborough and Antigonish .....               | Tracadie, County of Antigonish. ....   | do ...              | 15 00    |
| Angus Cameron ...                  | East River, St. Mary's .....   | East River.....                        | Warden ...          | 25 00    |
| John Jones .....                   | Mouth of Salmon River.....   | Mouth of Salmon River                  | do ...              | 25 00    |
| James Henderson .                  | Isaac Harbour and River .....  | Isaac Harbour .....                    | do ...              | 25 00    |
| Samuel Hudson<br>(Lewis' son)..... | County Harbour River, from Bridge at Narrows to mouth.....                   | County Harbour .....                   | do ...              | 25 00    |
| Jas. Harrigan, jun.                | Cole Harbour River.....  | Cole Harbour.....                      | do ...              | 25 00    |
| O. T. Frazer.....                  | Ecum Secum River.....  | Ecum Secum.....                        | do ...              | 25 00    |
|                                    | <i>Halifax County.</i>   |  |                     |          |
| Isaac Gaetz .....                  | Halifax County, East Division, Dartmouth to Ecum Secum.....                  | Musquodoboit Harbour.                  | Overseer..          | 150 00   |
| James Blakely. ....                | From Ship Harbour to Chezzetcook, inclusive .....                            | Ship Harbour.....                      | Warden ...          | 30 00    |
| Nathaniel McKiel..                 | Sheet Harbour .....  | Sheet Harbour.....                     | do ...              | 40 00    |
| John Fitzgerald ...                | Halifax Harbour to Margaret Bay, Portuguese Cove.....                        | Portuguese Cove .....                  | Overseer..          | 150 00   |
| Archibald Kidston                  | From Peggy's Cove to Terrence Bay, Nine Mile and Prospect Rivers.....        | Spryfield .....                        | Warden ...          | 40 00    |
| Nathaniel Mason...                 | From Hubert's to Peggy's Cove, Margaret Bay, Ingraham and Indian Rivers..... | Margaret Bay, Peggy's Cove, W.O .....  | do ...              | 75 00    |
| Daniel Mosher.....                 | Cow Bay Run.....   | Cow Bay, Dartmouth .                   | do ...              | 20 00    |
| Donald McClean...                  | Chezzetcook River .....  | Chezzetcook River.....                 | do ...              | 30 00    |
| Jas. E. Whitman...                 | Salmon River .....   | Salmon River.....                      | do ...              | 30 00    |
| Geo. McLeod .....                  | Middle Musquodoboit.....   | Middle Musquodoboit...                 | do ...              | 30 00    |
| P. Hughes.....                     | Tangier River .....  | Tangier River .....                    | do ...              | 25 00    |
| Hy. A. Shatford ...                | Pennant River.....   | Hubbard's Cove .....                   | do ...              | 40 00    |
| Robt. Stevens.....                 | Musquodoboit Harbour .....   | Musquodoboit Harbour                   | do ...              | 30 00    |
| Wm. Burris.....                    | Little Musquodoboit River.....   | Little Musquodoboit River .....        | do ...              | 30 00    |
| Chas. G. Henry...                  | Upper Musquodoboit .....   | Upper Musquodoboit River .....         | do ...              | 30 00    |
| John Frazer .....                  | Moser's River and Ecum Secum and Smith's Brook .....                         | Moser's River .....                    | do ...              | 30 00    |
| Geo. Keizer .....                  | Lake Porter and streams .....  | Lake Porter .....                      | do ...              | 30 00    |
| Wm. Geo. Walker.                   | Little Salmon River .....  | Little Salmon River, Preston Road..... | do ...              | 20 00    |
| James Crook .....                  | Big Salmon River, or Lawrencetown River .....                                | Lawrencetown.....                      | do ...              | 25 00    |
| F. G. Tolson.....                  | Sackville River .....  | Sackville River.....                   | do ...              | 40 00    |
|                                    | <i>Hants County.</i>   |  |                     |          |
| P. S. Burnham .....                | Hants County, Western Division, from Western County Line to Walton.....      | Windsor.....                           | Overseer..          | 100 00   |
| John B. Colter.....                | Shubenacadie River .....   | Milford.....                           | do ...              | 30 00    |
|                                    | Carried forward .....  |  |                     | 6,915 00 |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF NOVA SCOTIA—Continued.

| Name.                                | District.   | Address.                        | Overseer or Warden. | Salary.             |
|--------------------------------------|---|---------------------------------|---------------------|---------------------|
|                                      | Brought forward.....                                    |                                 |                     | \$ cts.<br>6,915 00 |
| <i>Hants County—Concluded.</i>       |   |                                 |                     |                     |
| James Mosher.....                    | Rivers Meander and Hebert, from mouth to source         | Brooklyn .....                  | Warden ...          | 30 00               |
| T. B. O'Brien .....                  | East Division, from Walton to Colchester Line.....      | Maitland.....                   | Overseer..          | 100 00              |
| Joseph Mosher.....                   | Kennetcook River, from mouth to head of tide.....       | Newport .....                   | Warden ...          | 50 00               |
| James M. O'Brien..                   | Walton and Kennetcook Rivers.....                       | Maitland .....                  | do ...              | 30 00.              |
| <i>Inverness County.</i>             |   |                                 |                     |                     |
| James Coady.....                     | Inverness County, East Division.....                    | S. W. Margaree. ....            | Overseer..          | 100 00.             |
| David Ross.....                      | do do .....   | N. E. Margaree .....            | do ...              | 100 00              |
| Miles McDaniel ...                   | From mouth of Margaree River to South-west Chapel.....  | Forks, Margaree, W.O.           | Warden ...          | 25 00.              |
| Neil McKay.....                      | Upper waters and tributaries, Margaree River .....      | S. W. Margaree River..          | do ...              | 25 00               |
| D. F. McLean.....                    | Inverness County, Western Division.                     | Port Hastings.....              | Overseer ..         | 150 00              |
| Peter Benvie.....                    | Mabou River.....  | Mabou, Brook Village..          | Warden ...          | 25 00               |
| M. B. McDonald....                   | River Dennis.....                                       | River Dennis, W.O.....          | do ...              | 25 00               |
| David Dowling....                    | River Inhabitants.....                                  | Riverside .....                 | do ...              | 25 00               |
| Peter McEachern..                    | do .....  | do .....                        | Overseer..          | 100 00              |
| John McLean .....                    | Big River .....   | Strathborn .....                | Warden ...          | 25 00               |
| Hugh Cameron .....                   | do .....  | S. W. Mabou .....               | do ...              | 25 00               |
| Moses Murphy.....                    | Ainslie Lake.....                                       | N. E. Margaree .....            | do ...              | 25 00               |
| Angus M. Kinnon ..                   | Crowdis Bridge to head of river .....                   | Judique .....                   | do ...              | 25 00               |
| Daniel McErmid..                     | From his own residence to Big Intervale.....            | N. E. Margaree .....            | do ...              | 25 00               |
| Mark Crowdis .....                   | From Bridge to Forks, North-east Margaree River.....    | Big Intervale .....             | do ...              | 25 00               |
| William Hart, jun.                   | From Crowdis Bridge to Warden McDermid's residence..... | N. E. Margaree.....             | do ...              | 25 00               |
| Allan McLennan<br>(John's, Son)..... | River Dennis and Basin .....                            | River Dennis .....              | do ...              | 25 00               |
| Malcolm McKay.....                   | Trout River.....  | Lake Ainslie.....               | do ...              | 20 00.              |
| Angus McFarlane<br>(Angus' Son)..... | Upper South-west Margaree Rivers...                     | Upper S. W. Margaree River..... | do ...              | 25 00               |
| John P. McFarlane                    | Margaree Harbour.....                                   | Margaree .....                  | do ...              | 25 00               |
| Stephen Graham....                   | Long Point and Judique Rivers.....                      | Long Point.....                 | do ...              | 25 00               |
| <i>King's County.</i>                |   |                                 |                     |                     |
| James S. Miller ...                  | King's County.....                                      | Canning.....                    | Overseer..          | 125 00              |
| W. McIntyre.....                     | Annapolis River.....                                    | Aylesford.....                  | Warden ...          | 50 00               |
| R. F. Reid .....                     | King's County.....                                      | Wolfville.....                  | Overseer..          | 125 00              |
| O. E. Bishop .....                   | Gaspereaux River.....                                   | Horton .....                    | Warden ...          | 30 00               |
| Jos. Angus.....                      | do .....  | do .....                        | do ...              | 30 00               |
| Philip Brown.....                    | Blomidon .....  | Blomidon .....                  | do ...              | 30 00               |
| J. W. Thorpe .....                   | Hall's Point to Cape Split.....                         | Hall's Harbour.....             | do ...              | 30 00               |
|                                      | Carried forward .....                                   |                                 |                     | 8,415 00.           |

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SCHEDULE of Fishery Officers in the Dominion—Continued.

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## PROVINCE OF NOVA SCOTIA—Continued.

| Name.                | District.  | Address.                           | Overseer or Warden. | Salary.  |
|----------------------|--|------------------------------------|---------------------|----------|
|                      | Brought forward.....   |                                    |                     | 8,415 00 |
|                      | <i>Lunenburg County.</i>   |                                    |                     |          |
| Geo. Redden.....     | Lunenburg County, East Division, Middle, Gold, Martin's and Mushamush Rivers.....  | Chester.....                       | Overseer..          | 100 00   |
| Jacob Meisener. ...  | Eastern River.....   | do .....                           | Warden ...          | 25 00    |
| Isaiah Besancon. ... | Middle River.....  | Chester Basin.....                 | do ...              | 25 00    |
| David Demon.....     | Lower Gold River.....  | Lower Gold River.....              | do ...              | 25 00    |
| John Hutt.....       | Middle Gold River.....   | Beach Hill, Chester.....           | do ...              | 25 00    |
| Edward Boylan....    | Gold River, Upper.....   | New Ross.....                      | do ...              | 25 00    |
| Jas. Langille.....   | Martin's River.....  | Chester.....                       | do ...              | 25 00    |
| Hy. S. Jost.....     | Lunenburg County, West Division.....   | Lunenburg.....                     | Overseer..          | 100 00   |
| Chas. Pernette.....  | From mouth of La Have River to Wilkie's Cove.....  | do .....                           | Warden ...          | 25 00    |
| C. E. Goddard.....   | La Have River.....   | Bridgewater.....                   | Overseer..          | 50 00    |
| Jas. Mossman.....    | From Henry Koch's to Knock's.....  | Lunenburg.....                     | Warden ...          | 25 00    |
| Geo. Burns.....      | Knock's to source of La Have River...  | Bridgewater.....                   | do ...              | 25 00    |
| John Andrews.....    | Mushamush River.....   | Mahone Bay.....                    | do ...              | 25 00    |
| Geo. A. Nesbitt. ... | Petite River mouth to Wallace Brook.   | Petite River.....                  | do ...              | 25 00    |
| Elie Hebb.....       | do from Wallace Brook to source.....   | Hebb's Cross, West Conquerall..... | do ...              | 25 00    |
| William Croft.....   | East Gold River, from Bongard's Point to Gold River Branch, thence to Clark's, Clinton's and Henry's Lakes.....  | Chester Basin.....                 | do ...              | 25 00    |
| J. H. Keddy.....     | Larder's River.....  | New Ross.....                      | do ...              | 25 00    |
| Patrick Cooney....   | East Branch Middle River.....  |                                    | do ...              | 25 00    |
|                      | <i>Pictou County.</i>  |                                    |                     |          |
| D. G. McDonald....   | Pictou County, East Division, including Sutherland's, French and Barney's Rivers, Bailey's Brook and Shore Fishery, from Pictou Harbour eastward to County Line..... | Lismore.....                       | Overseer..          | 170 00   |
| William Turner...    | Barney's River.....  | Barney's River, W.O....            | Warden ...          | 25 00    |
| Donald McDonald.     | Sutherland's River.....  | New Glasgow.....                   | do ...              | 25 00    |
| Geo. Foote.....      | French River.....  | French River.....                  | do ...              | 25 00    |
| Donald McLean....    | Bailey's Brook.....  | Bailey's Brook, W.O....            | do ...              | 30 00    |
| Robt. Sutherland.    | Pictou County, West Division, including Middle, East, West, Cariboo, Toney and John Rivers.....  | River John.....                    | Overseer..          | 140 00   |
| Wm. McDonald....     | French River.....  | French River.....                  | Warden ...          | 25 00    |
| Peter Campbell....   | East River.....  | New Glasgow.....                   | do ...              | 25 00    |
| Alex. Douglas....    | Middle River.....  | Middle River.....                  | do ...              | 25 00    |
| Thos. Cameron....    | West River.....  | do .....                           | do ...              | 25 00    |
| John McKay.....      | River John.....  | River John.....                    | do ...              | 25 00    |
| Geo. McKenzie....    | Caiboo River.....  | Lower Cariboo River...             | do ...              | 25 00    |
| D. A. Murray.....    | Barney's River, from McDonald's Bridge to Head.....  | Avondale.....                      | do ...              | 25 00    |
| Samuel Frazer....    | Grant's Factory to East Branch Lake.   | Bridgeville.....                   | do ...              | 25 00    |
| Donald Frazer....    | Fork and West Branch Lake.....   | Hopewell.....                      | do ...              | 25 00    |
| Chas. Macdougall.    | East River of St. Mary's and Garden Lake.....  | Garden of Eden.....                | do ...              | 20 00    |
| Thomas Fraser....    | East River, from Tide Head to Grant's Factory.....   | Island Hopewell.....               | do ...              | 25 00    |
|                      | Carried forward.....   |                                    |                     | 9,725 00 |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF NOVA SCOTIA—Continued.

| Name.                    | District.  | Address.                                | Overseer,<br>or<br>Warden. | Salary.             |
|--------------------------|--|---|----------------------------|---------------------|
|                          | Brought forward .....  |   |                            | \$ cts.<br>9,725 00 |
|                          | <i>Pictou County—Concluded.</i>  |   |                            |                     |
| Allan Cameron....        | East Branch Barney's River, from Sutherland's Marshy Hope to Barney's River.....             | Barney's River .....                    | Warden ...                 | 25 00               |
| A. C. Pritchard....      | Central Pictou County, including Middle, East and West Rivers.....                           | New Glasgow.....                        | Overseer...                | 150 00              |
|                          | <i>Queen's County.</i>   |   |                            |                     |
| S. T. N. Sellon....      | Queen's County.....  | Liverpool.....                          | Overseer...                | 225 50              |
| Theodosius Ford....      | Milton Bridge up to Port Liverpool River.....  | Milton.....                             | Warden ...                 | 60 00               |
| John Fitzgerald....      | From Steam Mills to Salter's Falls on Port Medway River.....                                 | Mill Village.....                       | Overseer..                 | 70 00               |
| Barnabas Miles....       | Salter's Falls to Pawn Hook, on Port Medway River.....                                       | Greenfield, W.O.....                    | Warden ...                 | 30 00               |
|                          | <i>Richmond County.</i>  |   |                            |                     |
| Duncan Cameron..         | Eastern Division, from River Bourgeois to East Boundary of County, including said river..... | St. Peters.....                         | Overseer..                 | 125 00              |
| John Murchison....       | Grand River.....   | Grand River, W.O.....                   | Warden ...                 | 30 00               |
| Francis Marmeau..        | Western Division, from River Bourgeois to West Boundary of County.                           | Arichat.....                            | Overseer..                 | 125 00              |
| P. W. Grouchy ...        | Descousse River.....   | do .....                                | Warden ...                 | 30 00               |
| John Procter, sen..      | Inhabitants River.....   | Port Hawkesbury.....                    | do ...                     | 20 00               |
| Abraham Sampson          | Petit de Grat Inlet.....   | Petit de Grat.....                      | do ...                     | 30 00               |
| Justinian Sampson        | L'Ardoise.....   | L'Ardoise.....                          | do ...                     | 30 00               |
| Charles Grant....        | River Inhabitants.....   | River Inhabitants.....                  | do ...                     | 30 00               |
| Allan McRae....          | West Bay, Black River .....  | West Bay.....                           | do ...                     | 30 00               |
| Farquhar McPherson ..... | River Moulin.....  | River Moulin, Grandigue Ferry, W.O..... | do ...                     | 30 00               |
| Patrick Kyte.....        | River Tier.....  | River Tier, St. Peters..                | do ...                     | 25 00               |
| Felix Gerroir .....      | Grand Ruisseau.....  | Grand Ruisseau, Arichat.....            | do ...                     | 25 00               |
| William Kehoe....        | False Bay and Breen's Brook.....   | River Bourgeois, W.O..                  | do ...                     | 25 00               |
|                          | <i>Shelburne County.</i>   |   |                            |                     |
| Wm. John McGill..        | Shelburne County .....   | Shelburne.....                          | Overseer ..                | 125 00              |
| M. Greenwood....         | Round Bay River and Indian Brook...  | Clyde River, W.O.....                   | Warden ...                 | 20 00               |
| Timothy Archer....       | Birchtown River.....   | Birchtown .....                         | do ...                     | 30 00               |
| George Ryer.....         | Roseway River.....   | Shelburne .....                         | do ...                     | 50 00               |
| C. A. Holden.....        | Ogden's Brook and Indian River.....  | Jordan River.....                       | do ...                     | 50 00               |
| Henry Ackerman..         | Green Harbour.....   | Ragged Island, Locke's Island, W.O..... | do ...                     | 20 00               |
| P. Crowell.....          | Barrington River.....  | Barrington.....                         | do ...                     | 20 00               |
| F. G. Nichol.....        | Clyde River.....   | Clyde River .....                       | do ...                     | 20 00               |
| E. T. Goudy.....         | do to Yarmouth County Line   | Barrington .....                        | Overseer ..                | 75 00               |
|                          | Carried forward.....   |   |                            | 11,280 00           |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF NOVA SCOTIA—Concluded.

| Name.                         | District.   | Address.                             | Overseer or Warden. | Salary.   |
|-------------------------------|---|--------------------------------------|---------------------|-----------|
|                               |   |                                      |                     | \$ cts.   |
|                               | Brought forward .....   |                                      |                     | 11,260 00 |
|                               | <i>Victoria County.</i>   |                                      |                     |           |
| Malcolm McIntosh.             | Victoria County, North Division, from Smoky Head to Bay St. Lawrence. | Ingonish .....                       | Overseer ..         | 120 00    |
| Donald McRae, jun             | Victoria County, South Division.                                      | Baddeck .....                        | do .....            | 120 00    |
| Murdock McRae....             | River St. Ann's .....   |                                      | Warden ...          | 30 00     |
| John McLellan .....           | Middle River .....  | Middle River, W.O.,<br>Baddeck ..... | Warden ...          | 25 00     |
| Jno. McRae (Rory's son) ..... | Middle River, Upper Settlement .....                                  | McLeod, W.O. ....                    | do ...              | 25 00     |
| Donald McQuarrie .....        | do .....  | Baddeck .....                        | do ...              | 25 50     |
| Chris. McKenzie... ..         | do .....  | do .....                             | do ...              | 25 00     |
| Donald McMillan .....         | Baddeck River .....   | do .....                             | do ...              | 25 00     |
| Donald McAuley .....          | do .....  | do .....                             | do ...              | 25 00     |
| Donald McRae .....            | Baddeck River and tributaries .....                                   | do .....                             | do ...              | 25 00     |
| Frs. McGregor .....           | Entrance of Baddeck River .....                                       | Hunter's Mountain, W.O.              | do ...              | 25 00     |
| Angus McDouald .....          | Washabuck River .....   | Washabuck River .....                | do ...              | 30 00     |
| Kenneth McRae .....           | Indian Brook .....  | Middle River .....                   | do ...              | 30 00     |
| Roderick Beaton .....         | Hume's River .....  | McNaughton's, W.O. ....              | do ...              | 30 00     |
| William Foyle .....           | Peter's Brook .....   | Baddeck River .....                  | do ...              | 30 00     |
| Donald Finlayson .....        | Upper Settlement .....  | Middle River .....                   | do ...              | 25 00     |
| Donald Bochaman .....         | Barachois River .....   | Barachois River .....                | do ...              | 30 00     |
| Malcolm McIver .....          | Indian Brook .....  | Indian Brook .....                   | do ...              | 30 00     |
| Arch. McDonald .....          | North Harbour .....   | North Harbour .....                  | do ...              | 25 00     |
| Thos. Capstick .....          | Salmon River, Bay St. Lawrence .....                                  | Bay St. Lawrence, W.O.               | do ...              | 25 00     |
| Jos. Hellen .....             | Cape North .....  | Cape North .....                     | do ...              | 30 00     |
| John McPherson .....          | Aspy Bay .....  | Aspy Bay .....                       | do ...              | 25 00     |
| Donald McRae .....            | Red Head, Baddeck .....   | Red Head, Baddeck .....              | do ...              | 25 00     |
| Andrew Watson .....           | Baddeck River .....   | Baddeck .....                        | do ...              | 25 00     |
| Thos. Donovan .....           | Colyburn Brook .....  | Ingonish .....                       | do ...              | 25 00     |
|                               | <i>Yarmouth County.</i>   |                                      |                     |           |
| Enos Gardner .....            | Yarmouth County .....   | Tusket .....                         | Overseer ..         | 150 00    |
| J. A. Hatfield .....          | From Lower Narrows, Tusket River, to County line .....                | do .....                             | Warden ...          | 50 00     |
| William Kavanagh .....        | Gurill's Bridge to Coldstream .....                                   | do .....                             | do ...              | 25 00     |
| Eustach Nickerson .....       | Salmon River .....  | Yarmouth .....                       | do ...              | 25 00     |
| Edward Perry .....            | Little River .....  | do .....                             | do ...              | 25 00     |
| Jérôme Doucet .....           | Tusket River .....  | Tusket .....                         | do ...              | 30 00     |
| Vital Mius .....              | Tusket Forks .....  | Tusket Forks .....                   | do ...              | 25 00     |
| Joseph M. White .....         | Eel Lake .....  | Eel Lake .....                       | do ...              | 25 00     |
| Wm. Thurston, sen. ....       | Cheggoggin River .....  | Cheggoggin River .....               | do ...              | 25 00     |
| J. I. Brand .....             | Pubnico and Argyle .....  | West Pubnico .....                   | do ...              | 25 00     |
| Geo. H. Robertson .....       | Sea shore from Cheboque Point to Digby County line .....              | Yarmouth .....                       | do ...              | 100 00    |
| James Jeffery .....           | From Cheboque Point to Cheggoggin Point .....                         | Overton .....                        | do ...              | 25 00     |
| Jacob E. Cann .....           | From Burn's Point to Digby County line .....                          | Maitland .....                       | do ...              | 25 00     |
|                               | Total .....   |                                      |                     | 12,670 00 |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF NEW BRUNSWICK.

| Name.                | District.  | Address.                | Overseer or Warden.     | Salary.  |
|----------------------|--|-------------------------|-------------------------|----------|
|                      |  |                         |                         | \$ cts.  |
| W. H. Venning....    | New Brunswick.....   | St. John, N.B.....      | Insp'ct'r of Fisheries. | 1,800 00 |
|                      | <i>Albert County.</i>  |                         |                         |          |
| Sutherland Stewart   | County of Albert.....  | Alma .....              | Overseer..              | 100 00   |
| Wallace Taylor.....  | Petitcodiac River.....   | Coverdale .....         | Warden ...              | 40 00    |
| C. McLatchey .....   | Mouth of Petitcodiac River and Dorchester Bay .....  | Hillsboro' .....        | do ...                  | 40 00    |
| J. E. Kinne.....     | Germantown Lake and Shepody River .....  | Hopewell Corner .....   | do ...                  | 40 00    |
| Bartlet Oliver ..... | Rocher Bay.....  | Waterside.....          | do ...                  | 40 00    |
|                      | <i>Carleton County.</i>  |                         |                         |          |
| Alex. G. Lindsay...  | Miramichi River (S.W.) from Head Waters to Forks. ....   | Foreston .....          | Overseer...             | 150 00   |
| Geo. R. Burt.....    | St. John River and tributaries, from Long's Creek to Tobique River.....                                      | Upper Woodstock.....    | do ...                  | 100 00   |
| J. W. Scott.....     | St. John River, from Eel River to Woodstock .....  | Canterbury .....        | Warden ...              | 30 00    |
|                      | <i>Charlotte County.</i>   |                         |                         |          |
| B. L. Cunningham     | Inner Bay of Passamaquoddy .....   | Chamcook, W.O .....     | Overseer..              | 70 00    |
| Bartholem. Brown.    | Campo Bello and West Isles, with coasts and streams in Charlotte Co.   | Campo Bello. ....       | do ...                  | 100 00   |
| Frank Todd.....      | St. Croix River and tributaries. ....  | St. Stephen .....       | do ...                  | 120 00   |
| W. B. McLaughlin     | Grand Manan Island and spawning grounds .....  | Grand Manan .....       | do ...                  | 240 00   |
| Samuel Dick.....     | St. George to Beaver Harbour .....   | La Tête, W.O.....       | Warden ...              | 30 00    |
| Robert Dixon.....    | Seeley's Cove to Lepreaux. ....  | Lepreaux.....           | do ...                  | 30 00    |
| Leonard Best.....    | East District, from La Tête to Lepreaux .....  | Beaver Harbour, W.O.    | Overseer...             | 100 00   |
| J. M. Lord.....      | Deer Island.....   | Deer Island. ....       | do ...                  | 70 00    |
| Andrew Gilmour..     | Northern Head, Grand Manan .....   | Grand Manan .....       | Warden ...              | 30 00    |
| Edward Carroll...    | Whitehead Island.....  | do .....                | do ...                  | 30 00    |
| Thomas Holmes...     | West side Deer Island .....  | Deer Island. ....       | do ...                  | 30 00    |
|                      | <i>Gloucester County.</i>  |                         |                         |          |
| James Hickson ....   | River Nepisiguit and tributaries, with sea coast and streams from Belle-dune River to Grindstone Point ..... | Bathurst .....          | Overseer...             | 350 00   |
| Juste Haché.....     | Oyster beds in County, Caraquet and Shippegan.....   | Caraquet .....          | do ...                  | 100 00   |
| J. Muzzeroll.....    | Coast from Conaty line to Green Point, including Big and Tracadie Rivers.....                                | Tracadie .....          | Warden ...              | 30 00    |
| James Walsh.....     | Pokemouche.....  | Pokemouche.....         | do ...                  | 30 00    |
| Frédéric Comeau..    | Petit Rocher, from Belledune to Mill Stream .....  | Petit Rocher.....       | do ...                  | 100 00   |
| Miles Dempsey ...    | Salmon Beach, from Bass River to Grindstone Point .....  | Salmon Beach .....      | do ...                  | 30 00    |
| Tim. Coughlan....    | Grindstone Point to Grand Anse.....  | Grand Anse .....        | do ...                  | 30 00    |
| Adolphe Haché ...    | Shippegan.....   | Shippegan.....          | do ...                  | 100 00   |
| W. Rogers.....       | Tête-à-gauche River .....  | Tête-à-gauche, Bathurst | do ...                  | 25 00    |
|                      | Carried forward.....   |                         |                         | 3,935 00 |



SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NEW BRUNSWICK—Continued.

| Name.                               | District.  | Address.                                | Overseer or Warden. | Salary.             |
|-------------------------------------|--|---|---------------------|---------------------|
| Brought forward.....                |  |   |                     | \$ cts.<br>3,985 00 |
| <i>Gloucester County—Concluded.</i> |  |   |                     |                     |
| John Calnan, jun..                  | That part of River Téta-à-gauche from a mile above the Mill Dam to the source of said river..... | Kinsale .....                           | do ...              | 25 00               |
| Joseph Sewell.....                  | Pokemouche River.....  | Pokemouche.....                         | Overseer..          | 50 00               |
| Gustave Cormier....                 | Caraquet Herring Banks.....  | Caraquet.....                           | do ...              | 50 00               |
| Joseph Poirier.....                 | Bay Chaleurs, between Grand Anse and Point Mizzenette.....                                       | Grand Anse .....                        | do ...              | 100 00              |
| Alex. Boyd.....                     | Little Shippegan to Miscou .....   | Little Shippegan .....                  | Warden ...          | 30 00               |
| <i>Kent County.</i>                 |  |   |                     |                     |
| Charles Cormier...                  | Cocagne River.....   | Cocagne.....                            | Overseer..          | 100 00              |
| W. F. Hannah.....                   | Richibucto River.....  | Richibucto.....                         | do ...              | 75 00               |
| F. B. Leger.....                    | Little Buctouche River.....  | Little Buctouche River                  | Warden ...          | 80 00               |
| M. A. Girouard ...                  | Big do .....   | Buctouche .....                         | Overseer..          | 75 00               |
| James Harnett.....                  | From the mouth of Nicholas River, on the Buctouche, upwards, including Nicholas River .....      | Weldford.....                           | Warden ...          | 80 00               |
| Lazare Guimon ...                   | From Kouchibouquacis to Chockfish River.....   | Kouchibouquac. ....                     | do ...              | 80 00               |
| Nicholas Muzzeroll                  | From Kouchibouquacis River to Point Sapin .....  | do .....                                | do ...              | 50 00               |
| A. L. Collet.....                   | Buctouche Bay.....   | Buctouche.....                          | do ...              | 80 00               |
| A. T. Leblanc.....                  | Canaan River .....   | Legerville. ....                        | Overseer..          | 75 00               |
| <i>King's County.</i>               |  |   |                     |                     |
| Samuel Gosline...                   | From mouth of Smith's Creek, upwards.....  | Smith's Creek, W.O ...                  | Overseer..          | 100 00              |
| Samuel F. Ryan ...                  | Mill Stream .....  | Studholm, Apohaqui ...                  | Warden ...          | 30 00               |
| James A. Belyea...                  | St. John River and Belle Isle Bay and streams running thereinto. ....                            | Westfield. ....                         | Overseer ..         | 50 00               |
| Samuel Gamblin ...                  | Washademoak Lake and its tributaries in King's and Queen's Counties .....                        | English Settlement, Pearson's, W.O..... | Warden ...          | 30 00               |
| S. Spragg.....                      | Belle Isle Bay .....   | Belle Isle. ....                        | do ...              | 50 00               |
| Jonah Keith.....                    | North and Canaan River .....   | Havelock.....                           | do ...              | 30 00               |
| <i>Northumberland County.</i>       |  |   |                     |                     |
| Prudent Robichaud                   | Burnt Church River and tributaries, and Upper Tabusintac River. ....                             | Upper Neguac. ....                      | Overseer .          | 100 00              |
| John Stymast.....                   | Lower Tabusintac River .....   | Stymast Road, Neguac                    | do ...              | 100 00              |
| William Wyse ...                    | Herring fisheries, Miramichi Bay, and Bass fishing in Napan Bay and Black Rivers.....            | Chatham.....                            | do ...              | 200 00              |
| Thomas Parker ...                   | Miramichi River and tributaries, from Beaubair's Island to Blackville ...                        | Newcastle .....                         | do ...              | 160 00              |
| Samuel Holt.....                    | From lower line of Blackville to Blissfield.....   | Blackville.....                         | do ...              | 160 00              |
| John Hogan.....                     | Miramichi River (N.W.) and tributaries, from Chatham Ferry, upwards .....                        | Newcastle.....                          | do ...              | 400 00              |
| Carried forward .....               |  |   |                     | 6,345 00            |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF NEW BRUNSWICK—Continued.

| Name.               | District.  | Address.   | Overseer<br>or<br>Warden. | Salary.  |
|---------------------|--|--|---------------------------|----------|
|                     |  |  |                           | \$ cts.  |
|                     | Brought forward.....   |  |                           |          |
|                     | <i>Northumberland County—Continued.</i>  |  |                           |          |
| Aaron Hovey.....    | Miramichi River (S.W.) and tributaries, from Nelson's to head of Hovey Island.....   | Boiestown.....   | Warden ..                 | 30 00    |
| George Bryanton..   | From Elm Tree Brook to Squire Underhill's, on the S. W. Miramichi River.....   | Derby, W.O.....  | do ...                    | 30 00    |
| Kenneth Cameron..   | Miramichi River (S.W.) from line of Blissfield to the head waters and tributaries.....   | Boiestown.....   | Overseer..                | 100 00   |
| Patrick Bergin....  | From Underhill's to Stephen Mitchell's, on S. W. Miramichi.....  | Dumphey, W.O., Parish of Blackville, S. W., Miramichi..... | Warden ...                | 30 00    |
| Thomas Smith.....   | From lower end of Fingley's Island, on N.W. Miramichi, upwards, and the Big Sevogle.....   | North Esk, Red Bank, W.O.....                              | do ...                    | 30 00    |
| Jared Blackmore ..  | From lower side of Ox Bow, on the Little South West, upwards.....  | do do ..   | Overseer..                | 50 00    |
| Patrick Gillis..... | Little S. W. River and tributaries.....  | do do ..   | Warden ...                | 30 00    |
| Denis Hogan.....    | Renous River and tributaries.....  | Renous Bridge, W.O....                                     | do ...                    | 30 00    |
| Michael Donovan..   | do .....   | do .....   | do ...                    | 30 00    |
| John Shaddick..     | Big Sevogle to Square Forks.....   | Sevogle.....   | do ...                    | 50 00    |
| F. McDairmid.....   | Napan and Black Rivers and tributaries.....  | Napan, W.O., Chatham.....                                  | do ...                    | 30 00    |
| John G. Williston.  | Bay du Vin River and Bay, with Parish of Hardwick, Fox and other Islands and Stations on South side of Main Channel Miramichi River... | Bay du Vin, W.O.....                                       | Overseer..                | 100 00   |
| John Noble.....     | Miramichi Bay, from Fox Island to Eacuminac .....  | Miramichi Bay .....  | do ...                    | 100 00   |
| Enoch A. Bamford    | South West Miramichi, within Parish of Blissfield.....   | Blissfield.....  | Warden ...                | 50 00    |
| Samuel Freeze.....  | From Doaktown to Hovey Islands, in the Parish of Blissfield, on the South West Miramichi River.....                                    | Doaktown, Miramichi..                                      | Overseer..                | 100 00   |
| Daniel Mathews....  | From lower side of Ox Bow, on Little South West Miramichi, upwards .....   | Little South West Miramichi .. ..                          | Warden ...                | 30 00    |
| Nat. Morehouse....  | Arbo Settlement, Parish of Blackville, South West Miramichi.....   | Arbo Settlement .....                                      | do ...                    | 30 00    |
| J. Underhill .....  | Coughlan Settlement, Parish of Blackville, South West Miramichi .....  | Coughlan Settlement..                                      | do ...                    | 30 00    |
| John Doyle.....     | Tabusintac and Bartibog Rivers.....  | Bartibog .....   | do ...                    | 30 00    |
| George Hubbard...   | Whitney Settlement, N. W. Miramichi  | North Esk.....   | do ...                    | 50 00    |
| John Blake.....     | Miramichi River and tributaries, from Point aux Carr to Middle Island.....   | Black Brook.....   | do ...                    | 70 00    |
| Angus McIntosh...   | Miramichi River and tributaries, from Middle Island to Newcastle Ferry..   | Chatham Head.....  | do ...                    | 30 00    |
| Tubal Watling....   | Black River and tributaries in the Parish of Glenelg.....  | Black River....  | do ...                    | 30 00    |
| Samuel Kingston..   | Upper waters, N.W. Miramichi River, from Rolph's Crossing, upwards.....  |  | do ...                    | 50 00    |
|                     | Carried forward.....   |  |                           | 7,755 00 |

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF NEW BRUNSWICK—*Continued.*

| Name.               | District.   | Address.                           | Overseer<br>or<br>Warden. | Salary.  |
|---------------------|---|------------------------------------|---------------------------|----------|
|                     |   |                                    |                           | \$ cts.  |
|                     | Brought forward .....   |                                    |                           | 7,755 00 |
|                     | <i>Northumberland County—Concluded.</i>                               |                                    |                           |          |
| James Fitzpatrick.  | Black River .....   | Napan .....                        | Warden ...                | 30 00    |
| M. Ryan .....       | North West Miramichi .....  | North Esk .....                    | do ...                    | 30 00    |
| M. Hayes .....      | Dungarvon River .....   | Renous River .....                 | do ...                    | 30 00    |
|                     | <i>Queen's County.</i>  |                                    |                           |          |
| I. T. Hetherington  | From Cole's Island to foot of Washademoak Lake .....                  | Jenkins, W.O. Johnson              | Overseer..                | 100 00   |
| Isaiah Langan.....  | Salmon River .....  | Chipman W. O. Gaspareaux .....     | do ...                    | 30 00    |
| Robert Philips..... | Head waters, Washademoak Lake.....                                    |                                    | Warden ...                | 25 00    |
|                     | <i>Restigouche County.</i>  |                                    |                           |          |
| A. Macpherson.. ... | From Belledune to Dalhousie .....                                     | River Charlo .....                 | Overseer .                | 100 00   |
|                     | <i>Sunbury County.</i>  |                                    |                           |          |
| G. W. Hoben. ....   | St. John River, Indiantown to County Line of York .....               |                                    |                           |          |
| W. E. Taylor. ....  | do .....  |                                    |                           |          |
|                     | <i>St. John County.</i>   |                                    |                           |          |
| Joseph O'Brien ...  | St. John County .....   | Burton, W.O. ....                  | Overseer..                | 100 00   |
| Wm. E. Skillen ...  | Eastern part of St. John County, from Quaco Head to Geose River. .... | Sheffield .....                    | Warden ...                | 30 00    |
|                     | <i>Victoria County.</i>   |                                    |                           |          |
| Thos. D. Ryan ...   | County of Victoria .....  |                                    |                           |          |
| Jno. McDougall ...  | Three Brooks, Branch of Tobique River .....                           | Grand Falls .....                  | Overseer .                | 150 00   |
|                     | <i>Victoria County.</i>   |                                    |                           |          |
| Jno. C. McCloskey   | Salmon River .....  | Rocky Brook, Parish of Lorne ..... | Warden ...                | 30 00    |
| Donald Fraser.....  | Tobique River .....   | Andover. ....                      | do ...                    | 30 00    |
| Thos. Edgar .....   | Middle Division, Tobique River .....                                  | Arthurette, W.O. ....              | do ...                    | 30 00    |
| J. McNab Cameron    | Tobique River .....   | Three Rivers .....                 | do ...                    | 30 00    |
| Magloire Caron. ... | Baker's Lake and adjoining streams...                                 | Tobique River .....                | do ...                    | 30 00    |
|                     |   | Caron Brook .....                  | do ...                    | 30 00    |
|                     | <i>Westmoreland County.</i>   |                                    |                           |          |
| W. B. Deacon.....   | Shediac Harbour and River .....                                       | Shediac .....                      | Overseer..                | 100 00   |
| D. T. Cormier ..... | Dorchester Bay .....  | Pré-d'en haut .....                | do ...                    | 60 00    |
| Robt. Goodwin. ...  | The Parishes of Sackville and Westmoreland .....                      | Bay Verte .....                    | do ...                    | 100 00   |
|                     | Carried forward .....   |                                    |                           | 9,070 00 |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF NEW BRUNSWICK—Concluded.

| Name.                | District.   | Address.                           | Overseer or Warden. | Salary.             |
|----------------------|---|------------------------------------|---------------------|---------------------|
|                      | Brought forward.....  |                                    |                     | \$ cts.<br>9,070 00 |
|                      | <i>York County.</i>   |                                    |                     |                     |
| Robert Orr.....      | County of York .....  | Fredericton.....                   | Overseer ..         | 150 00              |
| J. A. Campbell ...   | Grand Pass, on St. John River, upwards, from Crock's Point to Lower Line of York County, including Nashwaak River ..... | Kingsclear, W.O., Fredericton..... | Warden ...          | 60 00               |
| A. B. Cronkhite..... | St. John River, from Upper Line of York County to Crock's Point, on River St. John .....                                | Southampton.....                   | do ...              | 60 00               |
| A. Moir.....         | From Price's Bend to Burnt Hill, S.W. Miramichi.....  | Bloomfield .....                   | do ...              | 30 00               |
| A. Cunningham ...    | Skiff and Palfrey Lakes. ....   | Canterbury Station ..              | Overseer ..         | 50 00               |
|                      | Total.....  |                                    |                     | 9,420 00            |

## PROVINCE OF PRINCE EDWARD ISLAND.

|                     |   |                        |                            |          |
|---------------------|---|------------------------|----------------------------|----------|
| J. H. Duvar .....   | Prince Edward Island.....   | Alberton .....         | Inspector of Fisheries ... | 800 00   |
|                     | <i>Queen's County.</i>  |                        |                            |          |
| Michael Ready.....  | Winter River .....  | Tracadie .....         | Warden ...                 | 30 00    |
| Lionel Garnum ...   | do .....  | Winter River .....     | do ...                     | 30 00    |
| S. Vanderstine..... | Vernon River .....  | Vernon River .....     | do ...                     | 30 00    |
| Geo. Stephensen...  | New Glasgow River .....   | New Glasgow .....      | do ...                     | 30 00    |
| James Power.....    | Huntley and Wheatley Rivers .....   | Hunter River .....     | do ...                     | 30 00    |
| Jonathan Delaney.   | New London .....  | New London .....       | do ...                     | 30 00    |
| John Mathieson...   | Bonshaw, from Appia Road to Dog River, and from South Wiltshire Road to the Coast .....   | West River.....        | do ...                     | 30 00    |
| Finlay Mackenzie.   | Lots 60 and 62 .....  | Pinette River.....     | do ...                     | 30 00    |
| Francis Stanley ... | Charlottetown, including East, West and North Rivers.....   | Charlottetown .....    | do ...                     | 30 00    |
| Wm. Whitehead ...   | South West River.....   | S. W. River .....      | do ...                     | 30 00    |
| Thomas Murphy ...   | Trout River .....   | Trout River .....      | do ...                     | 30 00    |
| Peter, Traynor..... | Johnston's River, including Oyster Fishery at its mouth .....   | Johnston's River ..... | do ...                     | 30 00    |
| Jno. Loughrin ..... | Orwell and Newtown Rivers .....   | Orwell .....           | do ...                     | 30 00    |
| W. Campbell .....   | Cousin's Run.....   | Cousin's Run.....      | do ...                     | 30 00    |
| George F. Beers ... | Pownal Bay and Seal River .....   | Cherry Valley .....    | do ...                     | 30 00    |
| James Howatt.....   | Crapaud .....   | Crapaud .....          | do ...                     | 30 00    |
| Dominique Buotte..  | District of Rustico .....   | Rustico .....          | do ...                     | 30 00    |
|                     | <i>Prince County.</i>   |                        |                            |          |
| Henry Clark.....    | Dunk River and Egmont Bay.....  | Summerside .....       | Overseer..                 | 200 00   |
| D. L. Bryant .....  | From western bank of Big Pierre Jacques River to the point where the North line of Lot 15 touches the shore of Egmont Bay ..... | Enmore River .....     | Warden ...                 | 30 00    |
|                     | Carried forward .....   |                        |                            | 1,540 00 |

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF PRINCE EDWARD ISLAND—*Concluded.*

| Name.                           | District.  | Address.                | Overseer<br>or<br>Warden. | Salary.  |
|---------------------------------|--|-------------------------|---------------------------|----------|
| Brought forward.. .. .          |  |                         |                           | 4,540 00 |
| <i>Prince County—Concluded.</i> |  |                         |                           |          |
| Calvin Howat .....              | Tryon River.....   | Tryon River.....        | Warden ...                | 30 00    |
| John Rix .....                  | Miminigash .....   | Miminigash.....         | do ...                    | 30 00    |
| James Ramsay.....               | Lot 13, Trout River .....  | Lot 13.....             | do ...                    | 30 00    |
| Jas. A. McDonald.....           | Grand River.....   | Grand River.....        | do ...                    | 30 00    |
| John Tucker.....                | Dunk River, Lot 25 .....   | Lot 25.....             | do ...                    | 30 00    |
| Patrick McBride.....            | do do .....  | do .....                | do ...                    | 30 00    |
| William Burns.....              | do do .....  | do .....                | do ...                    | 30 00    |
| James Nelligan.....             | Nail Pond and Skinner's Pond .....   | Nail Pond .....         | do ...                    | 30 00    |
| John Beaton .....               | Lots 5, 6 and 10 .....   | Lot 10.....             | do ...                    | 30 00    |
| Geo. A. Sharpe.....             | Lot 12, on the Narrows .....   | Lot 12.....             | do ...                    | 30 00    |
| John A. Sharpe.....             | Summerside, including Bedeque Bay<br>and South part of Richmond Bay...   | Summerside .....        | do ...                    | 30 00    |
| John Chaisson<br>Chapel .....   | Tignish, from line of Lot No. 2, north-<br>ward, to include Little and Big<br>Tignish, and westward to Railway.      | Tignish .....           | do ...                    | 30 00    |
| Peter Aylward.....              | Skinner's Pond, southward, from<br>south end of Nail Pond to Black<br>Pond, inclusive, and East to Rail-<br>way..... | do .....                | do ...                    | 30 00    |
| Alex. McDonald ...              | Cascumpeque Bay and Inlet, from the<br>Narrows to Kildare Capes.....   | Alberton .....          | do ...                    | 30 00    |
| Thos. Drummond ..               | Dunk River.....  | Freetown .....          | do ...                    | 30 00    |
| V. S. Gillis .....              | Richard Bay and Malpeque.....  | Indian River, Lot 18... | do ...                    | 30 00    |
| Lawrence Doyle ...              | From Little Miminigash to Cape Wolfe   | Lot 3.....              | do ...                    | 30 00    |
| J. K. Ramsay .....              | From Cape Wolfe to Brae River.....   | Lot 7.....              | do ...                    | 30 00    |
| J. A. Arsensault.....           | Lot 15, Egmont Bay .....   | Abram's Village.....    | do ...                    | 30 00    |
| J. F. B. Holland.....           | From Graham Head, Lot 26, to Cape<br>Traverse .....  | Bedeque .....           | do ...                    | 30 00    |
| <i>King's County.</i>           |  |                         |                           |          |
| Henry Morrow.....               | Souris River.....  | Souris River.....       | do ...                    | 30 00    |
| Allan McDonald.....             | North Lake.....  | North Lake.....         | do ...                    | 30 00    |
| Malcolm Mathew-<br>son.....     | Grand River.....   | Grand River.....        | do ...                    | 30 00    |
| Ronald McDonald.....            | Naufrage River .....   | Naufrage River.....     | do ...                    | 30 00    |
| Daniel Reilly.....              | Montague, from Georgetown Road to<br>Whim Road, and from County Line<br>to the Coast.....                            | Montague River.....     | do ...                    | 30 00    |
| John Lowe.....                  | Murray Harbour and River, including<br>Lots 63 and 64.....   | Murray Harbour .....    | do ...                    | 30 00    |
| Peter Duffy.....                | St. Peter's and Morell.....  | St. Peter's.....        | do ...                    | 30 00    |
| James Mitchell.....             | First District of Morell .....   | Peake's Road .....      | do ...                    | 30 00    |
| John O'Brien.....               | Second do .....  | Morell River.....       | do ...                    | 30 00    |
| Pat. McCullough.....            | Third do .....   | Peake's Road .....      | do ...                    | 30 00    |
| J. H. Dingwell.....             | Fourth do .....  | Morell River .....      | do ...                    | 30 00    |
| James Burke.....                | Cardigan Bay.....  | Georgetown .....        | do ...                    | 30 00    |
| Robert Quinn.....               | Brudenell River.....   | Cardigan.....           | do ...                    | 30 00    |
| John Conaghan.....              | Bay Fortune, from Little River to<br>Rollo Bay .....   | Bay Fortune.....        | do ...                    | 30 00    |
| Total .. .. .                   |  |                         |                           | 2,560 00 |

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SCHEDULE of Fishery Officers in the Dominion—*Concluded.*

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PROVINCE OF BRITISH COLUMBIA.

| Name.              | District.             | Address.             | Overseer<br>or<br>Warden.           | Salary.           |
|--------------------|-----------------------|----------------------|-------------------------------------|-------------------|
| Geo. Pittendreigh. | British Columbia..... | New Westminster..... | Inspector<br>of Fish-<br>eries..... | \$ cts.<br>800 00 |

PROVINCE OF MANITOBA.

|                      |                                       |                        |                                      |        |
|----------------------|---------------------------------------|------------------------|--------------------------------------|--------|
| Alex. McQueen....    | Province of Manitoba.....             | Winnipeg .....         | Inspector<br>of Fish-<br>eries ..... | 900 00 |
| F. C. Gilchrist .... | Qu' Appelle River and adjoining lakes | Fort Qu' Appelle ..... | Overseer.....                        | .....  |

STATEMENT

OF EXPENDITURE on account of Fisheries, for the Year ended 30th June, 1884.

| To whom Paid.                                       | Service.  | Amount.  | Total.  |
|---|---|----------|---------|
| <b>ONTARIO.</b>                                     |   |          |         |
|   |   | \$ cts.  | \$ cts. |
| <b>SALARIES OF FISHERY OVERSEERS AND GUARDIANS.</b> |   |          |         |
| J. W. Kerr. ....                                    | For 12 months salary as Fishery Overseer, to 30th June, 1884..... | 500 00   |         |
| C. Gilchrist .....                                  | do .....  | 400 00   |         |
| Chas. Wilkins.....                                  | do .....  | 400 00   |         |
| F. Boismier.....                                    | do .....  | 300 00   |         |
| J. Redmond .....                                    | do .....  | 300 00   |         |
| Peter McCann .....                                  | do .....  | 250 00   |         |
| Geo. Cochrane.....                                  | do .....  | 250 00   |         |
| John Mooney. ....                                   | do .....  | 200 00   |         |
| Peter Kiel .....                                    | do .....  | 200 00   |         |
| David Sharp .....                                   | do .....  | 200 00   |         |
| D. McMaster .....                                   | do .....  | 200 00   |         |
| D. A. Cameron.....                                  | do .....  | 200 00   |         |
| Wm. Boucher. ....                                   | do .....  | 175 00   |         |
| G. B. McDermott. ....                               | do .....  | 150 00   |         |
| Jos. Wilson.....                                    | do .....  | 150 00   |         |
| L. S. Saunders.....                                 | do .....  | 150 00   |         |
| A. D. Sills.....                                    | do .....  | 150 00   |         |
| J. McMullan .....                                   | do .....  | 150 00   |         |
| W. E. Foote .....                                   | do .....  | 125 00   |         |
| Wm. Prosser.....                                    | do .....  | 100 00   |         |
| A. C. McKinnon .....                                | do .....  | 100 00   |         |
| James Muir .....                                    | do .....  | 100 00   |         |
| G. S. Miller .....                                  | do .....  | 100 00   |         |
| Samuel Frazer.....                                  | do .....  | 100 00   |         |
| James Dickson .....                                 | do .....  | 100 00   |         |
| J. Dauncey.....                                     | do .....  | 100 00   |         |
| W. A. McRae.....                                    | do .....  | 100 00   |         |
| J. A. Cameron.....                                  | do .....  | 100 00   |         |
| P. McCarron.....                                    | do .....  | 100 00   |         |
| Ephraim Deacon.....                                 | do .....  | 100 00   |         |
| J. R. Graham.....                                   | do .....  | 100 00   |         |
| W. P. Croome.....                                   | do .....  | 100 00   |         |
| Wm. Helliwell.....                                  | do .....  | 100 00   |         |
| T. Merritt .....                                    | do .....  | 100 00   |         |
| Robt. Gilbert.....                                  | do .....  | 100 00   |         |
| H. R. Purcell.....                                  | do .....  | 100 00   |         |
| G. R. Steele .....                                  | do .....  | 100 00   |         |
| N. Acton.....                                       | do .....  | 100 00   |         |
| N. Simmons .....                                    | do .....  | 100 00   |         |
| O. Roper.....                                       | do .....  | 100 00   |         |
| John Grant.....                                     | do .....  | 91 66    |         |
| Geo Jeacle .....                                    | do .....  | 87 50    |         |
| T. McQueen.....                                     | do .....  | 75 00    |         |
| W. H. Johnston.....                                 | do .....  | 75 00    |         |
| Wm. Johnson.....                                    | do .....  | 75 00    |         |
| John Wallace.....                                   | do .....  | 50 00    |         |
| Carried forward .....                               |   | 7,004 16 |         |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued,

| To whom Paid.  | Services.   | Amount..            | Total.   |
|--|---|---------------------|----------|
|  | Brought forward.....  | \$ cts.<br>7,004 16 | \$ cts.  |
| ONTARIO—Continued.   |   |                     |          |
| SALARIES OF FISHERY OVERSEERS AND GUARDIANS—<br>Continued. |   |                     |          |
| John Cox .....   | For 12 months salary as Fishery Overseer, to 30th<br>June, 1884 ..... | 50 00               |          |
| Alex. McBride .....  | do do .....   | 50 00               |          |
| John McMichael .....                                       | do do .....   | 50 00               |          |
| Andrew Hughson .....                                       | do do .....   | 50 00               |          |
| J. Cummins .....   | do do .....   | 50 00               |          |
| Andrew Telfer .....  | do do .....   | 50 00               |          |
| Wellington Hull .....                                      | do do .....   | 50 00               |          |
| Wm. Hastings .....   | do do .....   | 50 00               |          |
| C. W. Raymond .....  | do do .....   | 50 00               |          |
| Wm. Pcole .....  | do do .....   | 50 00               |          |
| A. E. Mills .....  | do do .....   | 50 00               |          |
| J. R. McDonald .....                                       | do do .....   | 50 00               |          |
| T. McGarrity .....   | do do .....   | 50 00               |          |
| J. B. Moody .....  | do do .....   | 50 00               |          |
| Wm. McDermot .....   | do do .....   | 50 00               |          |
| John Murphy .....  | do do .....   | 50 00               |          |
| Peter Price .....  | do do .....   | 50 00               |          |
| R. G. Dalton .....   | do do .....   | 50 00               |          |
| John Smith .....   | do do .....   | 50 00               |          |
| Hugh McFayden .....  | do do .....   | 40 00               |          |
| Wm. Hicks .....  | do do .....   | 40 00               |          |
| James Greer .....  | do do .....   | 40 00               |          |
| W. B. Jelly .....  | do do .....   | 40 00               |          |
| Jas. McFadden .....  | do do .....   | 30 00               |          |
| W. D. Pollock .....  | do do .....   | 30 00               |          |
| O Miron .....  | do do .....   | 25 00               |          |
| M. L. Russell .....  | do do .....   | 25 00               |          |
| Thomas McKibbon .....                                      | do do .....   | 25 00               |          |
| Geo. Douglas .....   | do do .....   | 25 00               |          |
| Arch. Acheson .....  | do do .....   | 25 00               |          |
| Jos. Belanger .....  | do do .....   | 20 00               |          |
| Henry Hunt .....   | do do .....   | 20 00               |          |
| A. Quenneville .....                                       | do do .....   | 20 00               |          |
| Angus Brady .....  | 18 do .....   | 60 00               |          |
| F. M. G. Fraser .....                                      | 6 do .....  | 25 00               |          |
| Solomon James .....  | 6 do .....  | 25 00               |          |
| J. Patton .....  | Balance salary .....  | 67 7½               |          |
| J. R. Proctor .....  | Salary as acting Fishery Overseer .....                               | 20 00               |          |
| N. Flanagan .....  | Wages as Guardian .....   | 50 00               | 8,616 90 |
| DISBURSEMENTS OF FISHERY OVERSEERS.                        |   |                     |          |
| J. W. Kerr .....   | For 12 months disbursements, to 30th June, 1884 .....                 | 883 89              |          |
| Joseph Wilson .....  | do do .....   | 449 60              |          |
| Chas. Gilchrist .....                                      | do do .....   | 444 95              |          |
| Chas. Wilkins .....  | do do .....   | 378 50              |          |
| Geo. Cochrane .....  | do do .....   | 333 43              |          |
| Wm. Boucher .....  | do do .....   | 290 25              |          |
| J. A. Cameron .....  | do do .....   | 263 15              |          |
| G. B. McDermot .....                                       | do do .....   | 254 00              |          |
| John Mooney .....  | do do .....   | 189 00              |          |
|  | Carried forward .....   | 3,486 77            | 8,616 90 |



## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                                 | Service.   | Amount.  | Total.    |
|---|--|----------|-----------|
|   |  | \$ cts.  | \$ cts.   |
|   | Brought forward.....                               | 3,486 77 | 8,616 90  |
| ONTARIO—Continued.                            |  |          |           |
| DISBURSEMENTS OF FISHERY OVERSEERS, ETC.—Con. |  |          |           |
| A. C. McKinnon.....                           | For 12 months disbursements, to 30th June, 1884... | 187 05   |           |
| Samuel Frazer.....                            | do do  | 143 00   |           |
| W. E. Foote.....                              | do do  | 115 74   |           |
| Jos. Redmond.....                             | do do  | 109 55   |           |
| N. Simmons.....                               | do do  | 102 00   |           |
| Wm. Helliwell.....                            | do do  | 91 70    |           |
| David Sharpe.....                             | do do  | 91 28    |           |
| Thomas Merritt.....                           | do do  | 90 00    |           |
| James Dickson.....                            | do do  | 89 75    |           |
| W. H. Johnston.....                           | do do  | 80 50    |           |
| George Jeacle.....                            | do do  | 79 50    |           |
| Andrew Hughson.....                           | do do  | 76 00    |           |
| Timothy McQueen.....                          | do do  | 70 50    |           |
| W. P. Croome.....                             | do do  | 66 99    |           |
| H. R. Purcell.....                            | do do  | 63 80    |           |
| Wellington Hull.....                          | do do  | 63 50    |           |
| Wm. Hastings.....                             | do do  | 61 50    |           |
| L. S. Saunders.....                           | do do  | 61 26    |           |
| A. D. Sills.....                              | do do  | 59 00    |           |
| R. Gilbert.....                               | do do  | 58 50    |           |
| John Grant.....                               | do do  | 56 15    |           |
| G. S. Miller.....                             | do do  | 52 00    |           |
| Peter Kiel.....                               | do do  | 51 50    |           |
| Geo. Douglas.....                             | do do  | 46 50    |           |
| J. R. Graham.....                             | do do  | 46 00    |           |
| Peter McCann.....                             | do do  | 44 40    |           |
| W. A. McRae.....                              | do do  | 49 50    |           |
| W. B. Jelly.....                              | do do  | 39 00    |           |
| Wm. Hicks.....                                | do do  | 38 00    |           |
| John Cox.....                                 | do do  | 34 00    |           |
| Wm. McDermott.....                            | do do  | 33 99    |           |
| John McMichael.....                           | do do  | 33 50    |           |
| Arch. Acheson.....                            | do do  | 33 75    |           |
| James Muir.....                               | do do  | 32 00    |           |
| Wm. Johnson.....                              | do do  | 31 95    |           |
| R. G. Dalton.....                             | do do  | 30 65    |           |
| E. Boisnier.....                              | do do  | 29 50    |           |
| J. McMullan.....                              | do do  | 28 45    |           |
| Terrence McGarrity.....                       | do do  | 21 25    |           |
| John Murphy.....                              | do do  | 16 25    |           |
| Peter Price.....                              | do do  | 16 00    |           |
| A. Quenneville.....                           | do do  | 16 00    |           |
| Andrew Telfer.....                            | do do  | 14 50    |           |
| Jas. Cummins.....                             | do do  | 13 50    |           |
| Wm. Poole.....                                | do do  | 12 25    |           |
| J. B. Moody.....                              | do do  | 12 00    |           |
| John Dauncey.....                             | do do  | 11 50    |           |
| A. E. Mills.....                              | do do  | 11 25    |           |
| Ephraim Deacon.....                           | do do  | 10 00    |           |
| Henry Hunt.....                               | do do  | 9 00     |           |
| J. R. Procter.....                            | do do  | 8 50     |           |
| T. McKibbon.....                              | do do  | 8 00     |           |
| N. Acton.....                                 | do do  | 5 80     |           |
|   | Carried forward.....                               |          | 6,134 53  |
|   |  |          | 14,751 43 |

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

| To whom Paid.         | Service.   | Amount. | Total.    |
|-----------------------|--|---------|-----------|
|                       |  | \$ cts. | \$ cts.   |
|                       | Brought forward .....  |         | 14,751 43 |
|                       | ONTARIO— <i>Concluded.</i>   |         |           |
|                       | DISBURSEMENTS OF FISHERY OVERSEERS, ETC.— <i>Con.</i>                |         |           |
| George Moberly .....  | Tug for Overseer Patton.....   | 150 00  |           |
| D. Cameron .....      | Wages of boatmen .....   | 87 70   |           |
| S. Fraser .....       | do .....   | 70 00   |           |
| Guy Read .....        | Special Guardian, Rideau River.....                                  | 56 05   |           |
| Jas. Devitt. ....     | do do .....  | 40 05   |           |
| D. R. Springer .....  | Professional services.....   | 18 00   |           |
| A. Houghton. ....     | Removing saw dust, Sydenham River.....                               | 15 00   |           |
| W. H. Davies.....     | Horse hire.....  | 4 50    |           |
|                       |  |         | 441 30    |
|                       | Total.....   |         | 15,192 73 |
|                       | QUEBEC.  |         |           |
|                       | SALARIES OF FISHERY OVERSEERS AND GUARDIANS.                         |         |           |
| J. A. Verge.....      | For 12 months salary as Fishery Overseer, to 30th<br>June, 1884..... | 500 00  |           |
| H. W. Austin.....     | do do .....  | 400 00  |           |
| Jos. Marion.....      | do do .....  | 250 00  |           |
| Clovis Caron .....    | do do .....  | 200 00  |           |
| John Morris.....      | do do .....  | 200 00  |           |
| John Cullen .....     | do do .....  | 200 00  |           |
| Cyrille Barbeau ..... | do do .....  | 200 00  |           |
| T. Mignault.....      | do do .....  | 200 00  |           |
| G. Mathurin .....     | do do .....  | 200 00  |           |
| Philip Vibert .....   | do do .....  | 200 00  |           |
| Jos. Radford.....     | do do .....  | 200 00  |           |
| J. B. Chevalier.....  | do do .....  | 150 00  |           |
| G. L. Duguay.....     | do do .....  | 150 00  |           |
| Frs. Duchésne .....   | do do .....  | 150 00  |           |
| J. O. Bélanger .....  | do do .....  | 150 00  |           |
| W. C. Willis.....     | do do .....  | 150 00  |           |
| Jules Gauvreau .....  | do do .....  | 100 00  |           |
| H. Martin.....        | do do .....  | 100 00  |           |
| L. E. Grondin.....    | do do .....  | 100 00  |           |
| Alf. Blais.....       | do do .....  | 100 00  |           |
| J. J. Letourneau..... | do do .....  | 100 00  |           |
| L. P. Huot .....      | do do .....  | 100 00  |           |
| J. Legouvé .....      | do do .....  | 100 00  |           |
| W. H. Whitely.....    | do do .....  | 100 00  |           |
| A. E. Chevrier.....   | do do .....  | 100 00  |           |
| N. A. Beach .....     | do do .....  | 100 00  |           |
| P. Latraverse .....   | do do .....  | 100 00  |           |
| W. McLeod.....        | do do .....  | 100 00  |           |
| Jacques Girard.....   | do do .....  | 100 00  |           |
| Jos. Lauzon .....     | do do .....  | 100 00  |           |
| J. B. McDonald .....  | do do .....  | 100 00  |           |
| John Kelly .....      | do do .....  | 87 50   |           |
| J. Desaulniers .....  | do do .....  | 75 00   |           |
| P. Dubé .....         | do do .....  | 75 00   |           |
| J. F. Picotin.....    | do do .....  | 75 00   |           |
| P. C. Bourk .....     | do do .....  | 75 00   |           |
| Wm. Ritchie.....      | do do .....  | 75 00   |           |
|                       | Carried forward.....   |         | 5,462 50  |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.         | Service.   | Amount.  | Total.  |
|-----------------------|--|----------|---------|
|                       |  | \$ cts.  | \$ cts. |
|                       | Brought forward.....   | 5,462 50 |         |
|                       | <b>QUEBEC—Continued.</b>   |          |         |
|                       | <b>SALARIES, ETC.—Continued.</b>                                   |          |         |
| J. S. Martel.....     | For 12 months salary as Fishery Overseer, to 30th June, 1884 ..... | 75 00    |         |
| John Phelan.....      | do .....   | 50 00    |         |
| Joseph Boily.....     | do .....   | 50 00    |         |
| P. E. Luke.....       | do .....   | 50 00    |         |
| J. Laberge.....       | do .....   | 50 00    |         |
| Romuald Maltais.....  | do .....   | 50 00    |         |
| Charles Potvin.....   | do .....   | 50 00    |         |
| Olyasse Bhereur.....  | do .....   | 50 00    |         |
| J. T. Coghlan.....    | do .....   | 50 00    |         |
| Robt. Joynt.....      | do .....   | 50 00    |         |
| Job Bilodeau.....     | do .....   | 50 00    |         |
| Charles Ascal.....    | do .....   | 50 00    |         |
| Joseph Simard.....    | do .....   | 40 00    |         |
| R. W. Jones.....      | do .....   | 40 00    |         |
| Vital Veilleux.....   | do .....   | 40 00    |         |
| James Mohr.....       | do .....   | 40 00    |         |
| S. A. Grant.....      | do .....   | 40 00    |         |
| George Gagnon.....    | do .....   | 30 00    |         |
| Henri Côté.....       | do .....   | 30 00    |         |
| Edward Martin.....    | do .....   | 30 00    |         |
| Antoine Filion.....   | do .....   | 30 00    |         |
| Alexander Beaton..... | do .....   | 30 00    |         |
| M. Hurteau.....       | do .....   | 25 00    |         |
| L. Lachapelle.....    | 18 do .....  | 45 00    |         |
| T. Sabourin.....      | 8½ do .....  | 70 83    |         |
| A. Campbell.....      | 6 do .....   | 50 00    |         |
| T. Décoteau.....      | 6 do .....   | 37 50    |         |
| D. Bédard.....        | 6 do .....   | 30 00    |         |
| W. Clyde.....         | 6 do .....   | 25 00    |         |
| D. D. Foster.....     | 6 do .....   | 12 50    |         |
| Jos. Gingras.....     | 6 do .....   | 12 50    |         |
| J. Boivin.....        | 3 do .....   | 12 50    |         |
| T. Marchessault.....  | 3 do .....   | 12 50    |         |
| J. B. Saucier.....    | 2 do .....   | 16 66    |         |
| D. McLaren.....       | Wages as Guardian, Saguenay District .....                         | 39 50    |         |
| P. Dufour.....        | do .....   | 22 00    |         |
| A. Simard.....        | do .....   | 20 00    |         |
| P. Pednault.....      | do .....   | 22 00    |         |
| Wm. Manning.....      | do .....   | 22 00    |         |
| Jos. Radford.....     | do .....   | 22 00    |         |
| Wm. Delaney.....      | Postages, etc.....   | 3 00     |         |
| S. Ferguson.....      | Wages as Guardian, Restigouche River, 1883... ..                   | 137 00   |         |
| And. Alford.....      | do .....   | 128 00   |         |
| Thomas Downs.....     | do .....   | 127 00   |         |
| Thomas Dickson.....   | do .....   | 125 00   |         |
| G. Lefursey.....      | do .....   | 166 50   |         |
| Jos. Eden, jun.....   | do .....   | 100 00   |         |
| G. T. Annett.....     | do .....   | 65 00    |         |
| Thomas Ramsey.....    | do .....   | 43 00    |         |
| P. Miller.....        | do .....   | 40 00    |         |
| W. McGowan, jun.....  | do .....   | 35 00    |         |
| U. Bhereur.....       | do .....   | 61 00    |         |
| O. Hutchins.....      | do .....   | 47 00    |         |
| M. A. Ballard.....    | do .....   | 46 00    |         |
|                       | do .....   | 29 00    |         |
|                       | Carried forward.....   | 7,998 49 |         |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.          | Service.  | Amount.  | Total.   |
|------------------------|---|----------|----------|
|                        |   | \$ cts.  | \$ cts.  |
|                        | Brought forward .....                               | 7,998 49 |          |
|                        | <b>QUEBEC—Continued.</b>                            |          |          |
|                        | <b>SALARIES, ETC.—Concluded.</b>                    |          |          |
| N. A. Beach .....      | For Wages as Guardian, Lake Memphremagog .....      | 22 00    |          |
| T. Evans .....         | do do .....   | 12 00    |          |
| John Jardine .....     | do do .....   | 8 00     |          |
| W. E. Peasley .....    | do do .....   | 6 00     |          |
| John Carberry .....    | do Grand River .....                                | 27 00    |          |
| F. J. Annett .....     | do do .....   | 3 90     |          |
| D. Tremblay .....      | do Portneuf River .....                             | 25 00    |          |
| Jos Simard .....       | do Lakes near Murray Bay .....                      | 21 60    |          |
| D. R. Cameron .....    | do Derry Lakes .....                                | 15 00    |          |
| G. Gaudin .....        | do Little River .....                               | 6 00     |          |
| T. McCallum .....      | Watching nets, Season 1883 .....                    | 20 00    |          |
| A. Fournier .....      | Wages and board .....                               | 43 50    |          |
| N. Daigle .....        | do .....  | 43 50    |          |
| S. Gaudreau .....      | do .....  | 10 50    |          |
|                        |   |          | 8,262 49 |
|                        | <b>DISBURSEMENTS OF FISHERY OVERSEERS.</b>          |          |          |
| Jos. Marion .....      | For 12 months disbursements, to 30th June, 1884 ... | 410 90   |          |
| Jos. Radford .....     | do do .....   | 365 05   |          |
| W. C. Willis .....     | do do .....   | 240 65   |          |
| G. L. Duguay .....     | do do .....   | 207 00   |          |
| T. Mignault .....      | do do .....   | 183 59   |          |
| G. Mathurin .....      | do do .....   | 148 10   |          |
| John Kelly .....       | do do .....   | 147 50   |          |
| J. A. Verge .....      | do do .....   | 143 75   |          |
| Jos. Desaulniers ..... | do do .....   | 141 00   |          |
| John Morris .....      | do do .....   | 139 90   |          |
| Philip Vibert .....    | do do .....   | 132 41   |          |
| Robert Joynt .....     | do do .....   | 125 75   |          |
| John Cullen .....      | do do .....   | 124 65   |          |
| Frs. Duchesne .....    | do do .....   | 122 35   |          |
| Jean Legouve .....     | do do .....   | 121 50   |          |
| J. O. Belanger .....   | do do .....   | 119 68   |          |
| Wm McLeod .....        | do do .....   | 116 00   |          |
| H. W. Austin .....     | do do .....   | 115 90   |          |
| Joachim Laberge .....  | do do .....   | 111 30   |          |
| J. F. Picotin .....    | do do .....   | 95 33    |          |
| P. E. Luke .....       | do do .....   | 92 85    |          |
| F. C. Caron .....      | do do .....   | 91 40    |          |
| P. Dubé .....          | do do .....   | 84 50    |          |
| J. B. Chevalier .....  | do do .....   | 72 00    |          |
| A. E. Chevrier .....   | do do .....   | 67 71    |          |
| Jos. Lauzon .....      | do do .....   | 66 30    |          |
| P. Latraverse .....    | do do .....   | 60 35    |          |
| A. Chambers .....      | do do .....   | 60 00    |          |
| J. J. Letourneau ..... | do do .....   | 58 75    |          |
| H. Martin .....        | do do .....   | 57 60    |          |
| R. W. Jones .....      | do do .....   | 56 50    |          |
| Jules Gauvreau .....   | do do .....   | 55 50    |          |
| A. Beaton .....        | do do .....   | 53 00    |          |
| Job Bilodeau .....     | do do .....   | 51 25    |          |
| M. Hurteau .....       | do do .....   | 47 90    |          |
| Wm. Ritchie .....      | do do .....   | 41 65    |          |
| Jos. Gingras .....     | do do .....   | 37 50    |          |
|                        | Carried forward .....                               | 4,366 07 | 8,262 49 |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.  | Service.  | Amount.             | Total.              |
|--|---|---------------------|---------------------|
|  | Brought forward.....                                | \$ cts.<br>4,366 07 | \$ cts.<br>8,262 49 |
| <b>QUEBEC—Concluded.</b>                             |   |                     |                     |
| <b>DISBURSEMENTS OF FISHERY OVERSEERS—Concluded.</b> |   |                     |                     |
| N. A. Beach .....                                    | For 12 months disbursements, to 30th June, 1884 ... | 35 25               |                     |
| Romuald Maltais.....                                 | do do .....   | 33 00               |                     |
| J. S. Martel .....                                   | do do .....   | 32 50               |                     |
| Chas. Potvin .....                                   | do do .....   | 42 50               |                     |
| John Phelan.....                                     | do do .....   | 24 00               |                     |
| Wm. Clyde.....                                       | do do .....   | 19 25               |                     |
| J. B. McDonald .....                                 | do do .....   | 17 25               |                     |
| Ulysse Bhereur .....                                 | do do .....   | 15 00               |                     |
| V. Veilleux .....                                    | do do .....   | 15 00               |                     |
| Thos. Decoteau .....                                 | do do .....   | 15 00               |                     |
| P. C. Bourk .....                                    | do do .....   | 14 30               |                     |
| L. Lachapelle .....                                  | do do .....   | 12 40               |                     |
| S. A. Grant .....                                    | do do .....   | 11 70               |                     |
| G. Gagnon .....                                      | do do .....   | 11 40               |                     |
| J. T. Coghlan .....                                  | do do .....   | 10 00               |                     |
| L. P. Huot.....                                      | do do .....   | 7 03                |                     |
| James Mohr .....                                     | do do .....   | 5 12                |                     |
| Pat. Stephens .....                                  | Special Guardian, Matane River.....                 | 50 00               | 4,686 77            |
| A. Rattee.....                                       | Repairs to boats .....                              | 27 00               |                     |
| A. Campbell.....                                     | Rent of fishing rights, Campbell's Bay, 1883 .....  | 25 00               |                     |
| J. McLachlin .....                                   | do do .....   | 20 00               |                     |
| James Lamb.....                                      | do do .....   | 15 00               |                     |
| F. Johnston.....                                     | do do .....   | 10 00               |                     |
| B. Hodgins .....                                     | do do .....   | 10 00               |                     |
| L. Carpentier.....                                   | do Fish Bay, 1883 .....                             | 20 00               |                     |
| M. Gleeson .....                                     | do do .....   | 10 00               |                     |
| P. & T. McNamara .....                               | do do .....   | 5 00                |                     |
| M. McLauchlin .....                                  | do do .....   | 5 00                |                     |
| M. Summers .....                                     | do do .....   | 5 00                |                     |
| J. McDermaid .....                                   | do do .....   | 5 00                |                     |
| J. Bedard.....                                       | do do .....   | 5 00                |                     |
| D. Bedard.....                                       | do do .....   | 5 00                |                     |
| S. P. Bauset .....                                   | Disbursements.....                                  | 20 00               |                     |
|  | <b>Total.....</b>                                   |                     | <b>237 00</b>       |
|  |   |                     | <b>13,186 26</b>    |
| <b>NOVA SCOTIA.</b>                                  |   |                     |                     |
| <b>SALARIES OF FISHERY OVERSEERS AND WARDENS.</b>    |   |                     |                     |
| <i>County of Annapolis.</i>                          |   |                     |                     |
| W. T. Carty.....                                     | For 12 months salary, to 30th June, 1884.....       | 120 00              |                     |
| A. F. Morton.....                                    | do do .....   | 25 00               |                     |
| Geo. Vroom .....                                     | do do .....   | 25 00               |                     |
| Wm. Crosscup.....                                    | do do .....   | 25 00               |                     |
| W. A. Rice.....                                      | do do .....   | 25 00               |                     |
| Wm. Bailley.....                                     | do do .....   | 25 00               |                     |
| Michael Riordan .....                                | do do .....   | 25 00               |                     |
| Albert Barteaux .....                                | do do .....   | 25 00               |                     |
| T. R. Ilsley.....                                    | do do .....   | 25 00               |                     |
|  |   |                     | <b>320 00</b>       |
|  | <b>Carried forward.....</b>                         |                     | <b>320 00</b>       |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                 | Service.                                      | Amount. | Total.   |
|-------------------------------|---|---------|----------|
|                               |   | \$ cts. | \$ cts.  |
|                               | Brought forward .....                         |         | 320 00   |
| NOVA SCOTIA—Continued.        |   |         |          |
| SALARIES, ETC —Continued.     |   |         |          |
| <i>County of Antigonish.</i>  |   |         |          |
| John McDonald .....           | For 12 months salary, to 30th June, 1884..... | 125 00  |          |
| Lochlin Cameron.....          | do do .....                                   | 30 00   |          |
| John Dexter.....              | do do .....                                   | 30 00   |          |
| Angus McDonald.....           | do do .....                                   | 25 00   |          |
| J. R. Aymer.....              | do do .....                                   | 25 00   |          |
| Colin Chisholm.....           | do do .....                                   | 25 00   |          |
| Donald Chisholm.....          | do do .....                                   | 25 00   |          |
| Alex. McAdam.....             | do do .....                                   | 25 00   |          |
| James Chisholm.....           | do do .....                                   | 25 00   |          |
| Arch. McDougall.....          | do do .....                                   | 25 00   |          |
| Donald McDonald.....          | do do .....                                   | 25 00   |          |
| John Cumming.....             | do do .....                                   | 20 00   |          |
| Duncan Frazer.....            | do do .....                                   | 20 00   |          |
| Albert Randall.....           | do do .....                                   | 15 00   |          |
|                               |   |         | 440 00   |
| <i>County of Cape Breton.</i> |   |         |          |
| Francis Quinan.....           | For 12 months salary, to 30th June, 1884..... | 120 00  |          |
| Alex. McDonald.....           | do do .....                                   | 120 00  |          |
| York Barrington.....          | do do .....                                   | 120 00  |          |
| Donald McDonald.....          | do do .....                                   | 45 00   |          |
| John McEachen.....            | do do .....                                   | 25 00   |          |
| Angus Morrison.....           | do do .....                                   | 25 00   |          |
| Denis Murphy.....             | do do .....                                   | 25 00   |          |
| M. McLellan.....              | do do .....                                   | 25 00   |          |
| Patrick Keefe.....            | do do .....                                   | 25 00   |          |
| Donald McCormack.....         | do do .....                                   | 25 00   |          |
| Wm. Burke.....                | do do .....                                   | 25 00   |          |
| Allan McAdam.....             | do do .....                                   | 25 00   |          |
| D. J. McNeil.....             | do do .....                                   | 25 00   |          |
| Alex. McLean.....             | do do .....                                   | 20 00   |          |
| Arch. McDonald.....           | do do .....                                   | 20 00   |          |
|                               |   |         | 670 00   |
| <i>County of Colchester.</i>  |   |         |          |
| J. W. Davison.....            | For 12 months salary, to 30th June, 1884..... | 100 00  |          |
| Henry Blair.....              | do do .....                                   | 100 00  |          |
| R. J. Pollock.....            | do do .....                                   | 75 00   |          |
| Henderson Gass.....           | do do .....                                   | 50 00   |          |
| Daniel McKay.....             | do do .....                                   | 40 00   |          |
| H. M. Fulton.....             | do do .....                                   | 30 00   |          |
| George Fulton.....            | do do .....                                   | 25 00   |          |
| George Moore.....             | do do .....                                   | 25 00   |          |
| M. G. Murray.....             | do do .....                                   | 25 00   |          |
| Wm. Winton.....               | do do .....                                   | 25 00   |          |
| Alfred Wright.....            | do do .....                                   | 25 00   |          |
| Timothy Johnson.....          | do do .....                                   | 25 00   |          |
| R. E. Fulton.....             | do do .....                                   | 25 00   |          |
| Henry Urquhart.....           | do do .....                                   | 25 00   |          |
| Samuel Frame.....             | do do .....                                   | 25 00   |          |
|                               |   |         | 620 00   |
|                               | Carried forward .....                         | 620 00  | 1,430 00 |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                    | Service.                                       | Amount. | Total.   |
|----------------------------------|--|---------|----------|
|                                  |  | \$ cts. | \$ cts.  |
|                                  | Brought forward .....                          | 620 00  | 1,430 00 |
|                                  | NOVA SCOTIA—Continued.                         |         |          |
|                                  | SALARIES, ETC.—Continued.                      |         |          |
|                                  | County of Colchester—Concluded.                |         |          |
| Ed. Rutherford .....             | For 12 months salary, to 30th June, 1884 ..... | 25 00   |          |
| Hibbert Corbett .....            | 10 do do .....                                 | 20 84   |          |
| Jesse Fulmer .....               | 10 do do .....                                 | 20 84   |          |
| Henry Blair .....                | Balance of salary to 30th June, 1883.....      | 37 50   | 724 18   |
|                                  | County of Cumberland.                          |         |          |
| Elijah Fowler .....              | For 12 months salary, to 30th June, 1884.....  | 130 00  |          |
| G. W. Gilroy .....               | do do .....                                    | 100 00  |          |
| Wm. Murphy .....                 | do do .....                                    | 30 00   |          |
| J. W. Moore .....                | do do .....                                    | 25 00   |          |
| David Corbett .....              | do do .....                                    | 25 00   |          |
| Moses Harrison .....             | do do .....                                    | 25 00   |          |
| F. L. Jenks .....                | do do .....                                    | 25 00   |          |
| T. R. Smith .....                | do do .....                                    | 25 00   |          |
| Samuel McPherson .....           | do do .....                                    | 25 00   |          |
| Joseph Porter .....              | do do .....                                    | 25 00   |          |
| Sydney Smith .....               | do do .....                                    | 25 00   | 460 00   |
|                                  | County of Digby.                               |         |          |
| Wm. Hanley .....                 | For 12 months salary, to 30th June, 1884.....  | 120 00  |          |
| A. L. Gavil .....                | do do .....                                    | 25 00   |          |
| Loch'in McKay .....              | do do .....                                    | 25 00   |          |
| Robert Journey .....             | do do .....                                    | 25 00   |          |
| J. A. Collins .....              | 7 do do .....                                  | 70 00   | 265 00   |
|                                  | County of Guysborough.                         |         |          |
| James A. Tory .....              | For 12 months salary, to 30th June, 1884.....  | 150 00  |          |
| Allan McQuarrie .....            | do do .....                                    | 100 00  |          |
| D. A. McDonald .....             | do do .....                                    | 40 00   |          |
| Donald Gunn .....                | do do .....                                    | 30 00   |          |
| Wm. Pride .....                  | do do .....                                    | 30 00   |          |
| Adam Kirk .....                  | do do .....                                    | 30 00   |          |
| Thomas McKeen .....              | do do .....                                    | 30 00   |          |
| James Cook .....                 | do do .....                                    | 25 00   |          |
| Wm. McDonald .....               | do do .....                                    | 25 00   |          |
| J. L. Smith .....                | do do .....                                    | 25 00   |          |
| Angus Cameron .....              | do do .....                                    | 25 00   |          |
| James McEllum .....              | do do .....                                    | 25 00   |          |
| John Jones .....                 | do do .....                                    | 25 00   |          |
| James Henderson .....            | do do .....                                    | 25 00   |          |
| Samuel Hudson (Lewis' son) ..... | do do .....                                    | 25 00   |          |
| J. J. Sangster .....             | do do .....                                    | 25 00   |          |
| James Harrigan, jun .....        | do do .....                                    | 25 00   |          |
| D. McC. Sinclair .....           | do do .....                                    | 20 00   |          |
| Duncan Cameron .....             | do do .....                                    | 20 00   |          |
| Charles Kenney .....             | do do .....                                    | 15 00   |          |
|                                  | Carried forward .....                          | 715 00  | 2,879 18 |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.          | Service.                                      | Amount. | Total.   |
|------------------------|---|---------|----------|
|                        |   | \$ cts. | \$ cts.  |
|                        | Brought forward.....                          | 715 00  | 2,879 18 |
|                        | NOVA SCOTIA—Continued.                        |         |          |
|                        | SALARIES, ETC.—Continued.                     |         |          |
|                        | County of Guysborough—Continued.              |         |          |
| Robert McKay .....     | For 12 months salary, to 30th June, 1884..... | 15 00   |          |
| James Nickerson.....   | do do .....                                   | 15 00   |          |
| Luke Harpell .....     | do do .....                                   | 15 00   |          |
| Fred. Mattie.....      | do do .....                                   | 15 00   |          |
| J. R. Bruce.....       | do do .....                                   | 10 00   |          |
|                        |   |         | 785 00   |
|                        | County of Halifax.                            |         |          |
| John Fitzgerald .....  | For 12 months salary, to 30th June, 1884..... | 150 00  |          |
| Isaac Gaetz .....      | do do .....                                   | 150 00  |          |
| Nathaniel Mason.....   | do do .....                                   | 75 00   |          |
| Archibald Kidston..... | do do .....                                   | 40 00   |          |
| F. G. Tolson .....     | do do .....                                   | 40 00   |          |
| H. A. Shatford.....    | do do .....                                   | 40 00   |          |
| James Blakely.....     | do do .....                                   | 30 00   |          |
| Donald McLean.....     | do do .....                                   | 30 00   |          |
| Geo. Keizer .....      | do do .....                                   | 30 00   |          |
| John Fraser .....      | do do .....                                   | 30 00   |          |
| George McLeod.....     | do do .....                                   | 30 00   |          |
| James E. Whitman.....  | do do .....                                   | 30 00   |          |
| William Burris.....    | do do .....                                   | 30 00   |          |
| C. G. Henry.....       | do do .....                                   | 30 00   |          |
| James Crooks.....      | do do .....                                   | 25 00   |          |
| Patrick Hughes.....    | do do .....                                   | 25 00   |          |
| Daniel Mosher.....     | do do .....                                   | 20 00   |          |
| W. G. Walker.....      | do do .....                                   | 20 00   |          |
| James Gardner.....     | 6 do 31st December, 1883 .....                | 15 00   |          |
| Nathaniel McKiel.....  | 6 do 30th June, 1884 .....                    | 20 00   |          |
| Robt. Stevens.....     | 2 do do .....                                 | 5 00    |          |
| Mrs. Wm. Hall.....     | Balance of salary of late F. W. Hall.....     | 13 33   |          |
|                        |   |         | 878 33   |
|                        | County of Hants.                              |         |          |
| P. S. Burnham.....     | For 12 months salary, to 30th June, 1884..... | 160 00  |          |
| T. B. O'Brien.....     | do do .....                                   | 100 00  |          |
| Jos Mosher.....        | do do .....                                   | 50 00   |          |
| James Mosher.....      | do do .....                                   | 30 00   |          |
| J. M. O'Brien.....     | do do .....                                   | 30 00   |          |
| J. B. Colter.....      | do do .....                                   | 30 00   |          |
|                        |   |         | 340 00   |
|                        | County of Inverness.                          |         |          |
| D. F. McLean.....      | For 12 months salary, to 30th June, 1884..... | 150 00  |          |
| David Ross.....        | do do .....                                   | 100 00  |          |
| James Coady.....       | do do .....                                   | 100 00  |          |
| Peter McEachern.....   | do do .....                                   | 100 00  |          |
| Neil McKay.....        | do do .....                                   | 25 00   |          |
| Hugh Cameron.....      | do do .....                                   | 25 00   |          |
| Mark Crowdis.....      | do do .....                                   | 25 00   |          |
| Donald McDonald.....   | do do .....                                   | 25 00   |          |
|                        | Carried forward .....                         | 550 00  | 4,882 51 |



STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                  | Service.                                       | Amount. | Total.   |
|--------------------------------|--|---------|----------|
|                                |  | \$ cts  | \$ cts   |
|                                | Brought forward .....                          | 550 00  | 4,882 51 |
| NOVA SCOTIA—Continued.         |  |         |          |
| SALARIES, ETC.—Continued.      |  |         |          |
| County of Inverness—Concluded. |  |         |          |
| Miles McDaniel .....           | For 12 months salary, to 30th June, 1884 ..... | 25 00   |          |
| Peter Benire .....             | do do .....                                    | 25 00   |          |
| M. B. McDonald .....           | do do .....                                    | 25 00   |          |
| Moses Murphy .....             | do do .....                                    | 25 00   |          |
| Daniel McDermid .....          | do do .....                                    | 25 00   |          |
| WilliamsHart, jun. ....        | do do .....                                    | 25 00   |          |
| Allan McLellan .....           | do do .....                                    | 25 00   |          |
| Angus McFarlane .....          | do do .....                                    | 25 00   |          |
| J. P. McFarlane .....          | do do .....                                    | 25 00   |          |
| Stephen Graham .....           | do do .....                                    | 25 00   |          |
| John McLean .....              | do do .....                                    | 25 00   |          |
| Angus McKinnon .....           | do do .....                                    | 25 00   |          |
| Malcolm McKay .....            | do do .....                                    | 20 00   |          |
|                                |  |         | 870 00   |
| County of Kings.               |  |         |          |
| R. F. Reid .....               | For 12 months salary, to 30th June, 1884.....  | 125 00  |          |
| W. McIntyre .....              | do do .....                                    | 50 00   |          |
| C. E. Bishop .....             | do do .....                                    | 30 00   |          |
| Joseph Angus .....             | do do .....                                    | 30 00   |          |
| J. E. Starr .....              | 8 do 29th February, 1884 .....                 | 166 67  |          |
| Jas S. Miller .....            | 5 do 30th June, 1884 .....                     | 52 07   |          |
| Philip Brown .....             | 5 do do .....                                  | 12 50   |          |
| J. W. Thorp .....              | 5 do do .....                                  | 12 50   |          |
|                                |  |         | 478 74   |
| County of Lunenburg.           |  |         |          |
| George Redden .....            | For 12 months salary, to 30th June, 1884.....  | 100 00  |          |
| Henry S. Jost .....            | do do .....                                    | 100 00  |          |
| C. E. Goddard .....            | do do .....                                    | 50 00   |          |
| John Hutt .....                | do do .....                                    | 25 00   |          |
| James Langille .....           | do do .....                                    | 25 00   |          |
| Charles Pernette .....         | do do .....                                    | 25 00   |          |
| James Mossman .....            | do do .....                                    | 25 00   |          |
| John Andrews .....             | do do .....                                    | 25 00   |          |
| G. A. Nesbit .....             | do do .....                                    | 25 00   |          |
| Ed. Boylan .....               | do do .....                                    | 25 00   |          |
| William Croft .....            | do do .....                                    | 25 00   |          |
| David Demon .....              | do do .....                                    | 25 00   |          |
| Eli Hebb .....                 | do do .....                                    | 25 00   |          |
| J. H. Keddy .....              | do do .....                                    | 25 00   |          |
| Isaiah Besancon .....          | do do .....                                    | 25 00   |          |
| Benj. Rothenheiser .....       | 6 months salary, to 31st December, 1883.....   | 12 00   |          |
| Edward Hayes .....             | do do .....                                    | 12 00   |          |
|                                |  |         | 575 00   |
| County of Pictou.              |  |         |          |
| D. G. McDonald .....           | For 12 months salary, to 30th June, 1884.....  | 170 00  |          |
| A. C. Pritchard .....          | do do .....                                    | 150 00  |          |
| Donald McLean .....            | do do .....                                    | 30 00   |          |
|                                |  |         |          |
|                                | Carried forward .....                          | 350 00  | 6,806 25 |

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

| To whom Paid.           | Service.   | Amount.           | Total.              |
|-------------------------|--|-------------------|---------------------|
|                         | Brought forward.....   | \$ cts.<br>350 00 | \$ cts.<br>6,806 25 |
|                         | NOVA SCOTIA— <i>Continued.</i>   |                   |                     |
|                         | SALARIES, ETC.— <i>Continued.</i>  |                   |                     |
|                         | County of Pictou—Concluded.  |                   |                     |
| Geo. McKenzie.....      | For 12 months salary, to 30th June, 1884.....  | 25 00             |                     |
| Donald Frazer.....      | do do .....  | 25 00             |                     |
| Wm. Turner.....         | do do .....  | 25 00             |                     |
| Geo. Foote.....         | do do .....  | 25 00             |                     |
| Wm. McDonald.....       | do do .....  | 25 00             |                     |
| Thos. Fraser.....       | do do .....  | 25 00             |                     |
| Donald McDonald.....    | do do .....  | 25 00             |                     |
| John McKay.....         | do do .....  | 25 00             |                     |
| Peter Campbell.....     | do do .....  | 25 00             |                     |
| Alex. Douglas.....      | do do .....  | 25 00             |                     |
| Samuel Frazer.....      | do do .....  | 25 00             |                     |
| D. A. Murray.....       | do do .....  | 25 00             |                     |
| Thos. Cameron.....      | do do .....  | 25 00             |                     |
| Allan Cameron.....      | do do .....  | 25 00             |                     |
| Wm. McKenzie.....       | do do .....  | 20 00             |                     |
| Mrs. R. Sutherland..... | Salary of late R. Sutherland, to 31st Dec., 1884.  | 70 00             |                     |
| James Hunter.....       | Wages as special Fishery Guardian, employed<br>on River Philip during spawning season... | 61 50             |                     |
| Herbert Thompson.....   | do do .....  | 28 50             |                     |
| John Harrington.....    | do do .....  | 15 00             |                     |
| P. J. Dartney.....      | do do .....  | 30 00             |                     |
| Jos. Lowther.....       | do do .....  | 48 00             |                     |
| T. N. Smith.....        | Wages as special Fishery Guardian, employed<br>on Middle River during spawning season... | 62 50             |                     |
| D. R. Cummings.....     | do do .....  | 66 25             |                     |
|                         |  |                   | 1,101 75            |
|                         | County of Queen's.   |                   |                     |
| S. T. N. Sellon.....    | For 12 months salary, to 30th June, 1884.....  | 225 00            |                     |
| John Fitzgerald.....    | do do .....  | 70 00             |                     |
| Theo. Ford.....         | do do .....  | 60 00             |                     |
| Barnabas Miles.....     | do do .....  | 30 00             |                     |
|                         |  |                   | 385 00              |
|                         | County of Richmond.  |                   |                     |
| Duncan Cameron.....     | For 12 months salary, to 30th June, 1884.....  | 125 00            |                     |
| Francis Marneau.....    | do do .....  | 125 00            |                     |
| P. W. Grouchy.....      | do do .....  | 30 00             |                     |
| Abraham Sampson.....    | do do .....  | 30 00             |                     |
| Justinien Sampson.....  | do do .....  | 30 00             |                     |
| John Murchison.....     | do do .....  | 30 00             |                     |
| Allan McRae.....        | do do .....  | 30 00             |                     |
| Farquhar McPherson..... | do do .....  | 30 00             |                     |
| Patrick Kyte.....       | do do .....  | 25 00             |                     |
| Felix Gerroir.....      | do do .....  | 25 00             |                     |
| Wm. Kehoe.....          | do do .....  | 25 00             |                     |
| Charles Grant.....      | do do .....  | 25 00             |                     |
| J. Proctor, sen.....    | do do .....  | 20 00             |                     |
|                         |  |                   | 550 00              |
|                         | Carried forward .....  |                   | 8,843 00            |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.          | Service.  | Amount. | Total.   |
|------------------------|---|---------|----------|
|                        |   | \$ cts. | \$ cts.  |
|                        | Brought forward.....                                      |         | 8,843 00 |
|                        | NOVA SCOTIA—Continued.                                    |         |          |
|                        | SALARIES, &c.—Continued.                                  |         |          |
|                        | County of Shelburne.                                      |         |          |
| W. J. McGill.....      | For 12 months salary, to 30th June, 1884.....             | 125 00  |          |
| C. A. Holden.....      | do do .....   | 50 00   |          |
| Geo. Ryer.....         | do do .....   | 50 00   |          |
| Timothy Acker.....     | do do .....   | 30 00   |          |
| M. Greenwood.....      | do do .....   | 20 00   |          |
| P. Crowell.....        | do do .....   | 20 00   |          |
| Henry Ackerman.....    | do do .....   | 20 00   |          |
| N. G. Nichol.....      | do do .....   | 20 00   |          |
| Edwin S. Goudy.....    | 5 do do .....   | 31 25   |          |
|                        |   |         | 366 25   |
|                        | County of Victoria.                                       |         |          |
| Donald McRae, jun..... | For 12 months salary, to 30th June, 1884.....             | 120 00  |          |
| Angus McDonald.....    | do do .....   | 30 00   |          |
| Roderick Beaton.....   | do do .....   | 30 00   |          |
| William Foyle.....     | do do .....   | 30 00   |          |
| Donald Bochaman.....   | do do .....   | 30 00   |          |
| Malcolm McIver.....    | do do .....   | 30 00   |          |
| Joseph Hellen.....     | do do .....   | 30 00   |          |
| Kenneth McRae.....     | do do .....   | 30 00   |          |
| John McLellan.....     | do do .....   | 25 00   |          |
| Donald McQuarrie.....  | do do .....   | 25 00   |          |
| Donald McMillan.....   | do do .....   | 25 00   |          |
| Donald McAnley.....    | do do .....   | 25 00   |          |
| Donald McRae.....      | do do .....   | 25 00   |          |
| Francis McGregor.....  | do do .....   | 25 00   |          |
| John McRae.....        | do do .....   | 25 00   |          |
| John McCharles.....    | 6 do to 31st Dec., 1883.....                              | 15 00   |          |
| Joseph Quinn.....      | 6 do do .....   | 15 00   |          |
| George Burton.....     | 6 do do .....   | 15 00   |          |
| John McDonald.....     | 6 do do .....   | 12 50   |          |
| Malcolm McIntosh.....  | 8 do to 30th June, 1884.....                              | 80 00   |          |
| Murdock McRae.....     | 8 do do .....   | 20 00   |          |
| Donald Finlayson.....  | 6 do do .....   | 6 25    |          |
| Chris. McKenzie.....   | 6 do do .....   | 6 25    |          |
| Archd. McDonald.....   | 6 do do .....   | 6 25    |          |
| Thos. Capstick.....    | 6 do do .....   | 6 25    |          |
| Thos. Donovan.....     | 6 do do .....   | 6 25    |          |
| And. Watson.....       | For 3 months salary, to 30th June, 1884.....              | 6 25    |          |
| Donald McRae.....      | do do .....   | 6 25    |          |
| John McPherson.....    | do do .....   | 6 25    |          |
| John McDonald.....     | Salary as Fishery Warden, 1st Jan. to 31st Mar., '84..... | 6 25    |          |
| J. McCharles.....      | do do .....   | 7 50    |          |
| Jos. Guinn.....        | do do .....   | 7 50    |          |
| Geo. Burton.....       | do do .....   | 7 50    |          |
|                        |   |         | 741 25   |
|                        | County of Yarmouth.                                       |         |          |
| Enos Gardner.....      | For 12 months salary, to 30th June, 1884.....             | 150 00  |          |
| J. A. Hatfield.....    | do do .....   | 50 00   |          |
| Jerome Doucette.....   | do do .....   | 30 00   |          |
|                        | Carried forward.....                                      | 230 00  | 9,950 50 |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                       | Service.   | Amount.           | Total.              |
|-------------------------------------|--|-------------------|---------------------|
|                                     | Brought forward. ....  | \$ cts.<br>230 00 | \$ cts.<br>9,950 50 |
| NOVA SCOTIA—Continued.              |  |                   |                     |
| SALARIES, &c.—Concluded.            |  |                   |                     |
| County of Yarmouth—Concluded.       |  |                   |                     |
| Wm. Kavanagh.....                   | For 12 months salary, to 30th June, 1884.....                          | 25 00             |                     |
| Eustace Nickerson.....              | do do .....  | 25 00             |                     |
| Edward Perry.....                   | do do .....  | 25 00             |                     |
| Vital Muise.....                    | do do .....  | 25 00             |                     |
| J. M. White.....                    | do do .....  | 25 00             |                     |
| Wm. Thurston, sen.....              | do do .....  | 25 00             |                     |
| J. I. Brand.....                    | do do .....  | 25 00             |                     |
| Geo. H. Robertson.....              | 5 do do .....  | 41 67             |                     |
| James Jeffery.....                  | 3 do do .....  | 6 25              |                     |
| J. E. Cann.....                     | 3 do do .....  | 6 25              |                     |
|                                     |  |                   | 459 17              |
| DISBURSEMENTS OF FISHERY OVERSEERS. |  |                   |                     |
| Enos Gardner.....                   | For 12 months disbursements, to 31st Dec., 1883.....                   | 231 50            |                     |
| Wm. Hanley.....                     | do do .....  | 185 65            |                     |
| Geo. Redden.....                    | do do .....  | 177 50            |                     |
| Isaac Gaetz.....                    | do do .....  | 136 50            |                     |
| A. C. Pritchard.....                | do do .....  | 128 99            |                     |
| S. T. N. Sellon.....                | do do .....  | 126 65            |                     |
| W. J. McGill.....                   | do do .....  | 110 28            |                     |
| W. T. Garty.....                    | do do .....  | 94 90             |                     |
| John McDonald.....                  | do do .....  | 94 50             |                     |
| J. Fitzgerald.....                  | do do .....  | 88 94             |                     |
| D. F. McLean.....                   | do do .....  | 83 72             |                     |
| James Tory.....                     | do do .....  | 81 34             |                     |
| John Fitzgerald.....                | do do .....  | 80 45             |                     |
| Allan McQuarrie.....                | do do .....  | 78 95             |                     |
| David Ross.....                     | do do .....  | 70 00             |                     |
| Francis Quinan.....                 | do do .....  | 67 75             |                     |
| James Coady.....                    | do do .....  | 65 46             |                     |
| C. E. Godard.....                   | do do .....  | 63 89             |                     |
| A. McDonald.....                    | do do .....  | 56 50             |                     |
| D. McRae, jun.....                  | do do .....  | 50 65             |                     |
| D. G. McDonald.....                 | do do .....  | 50 50             |                     |
| J. E. Starr.....                    | do do .....  | 48 10             |                     |
| P. S. Burnham.....                  | do do .....  | 45 00             |                     |
| T. B. O'Brien.....                  | do do .....  | 41 75             |                     |
| R. F. Reid.....                     | do do .....  | 41 00             |                     |
| Y. A. Barrington.....               | do do .....  | 38 00             |                     |
| H. S. Jost.....                     | do do .....  | 28 00             |                     |
| F. Marmeau.....                     | do do .....  | 35 00             |                     |
| Henry S. Blair.....                 | do do .....  | 31 65             |                     |
| J. W. Davison.....                  | do do .....  | 29 50             |                     |
| D. Cameron.....                     | do do .....  | 25 00             |                     |
| G. W. Gilroy.....                   | do do .....  | 20 00             |                     |
| R. J. Pollock.....                  | do do .....  | 18 75             |                     |
| Elijah Fowler.....                  | do do .....  | 12 75             |                     |
| J. B. Colter.....                   | do do .....  | 6 46              |                     |
|                                     |  |                   | 2,555 58            |
| W. H. Rogers.....                   | 12 months salary as Inspector of Fisheries, to<br>30th June, 1884..... | 1,372 00          |                     |
| Receiver-General.....               | do superannuation tax.....   | 28 00             |                     |
|                                     |  |                   | 1,400 00            |
|                                     | Carried forward. ....  |                   | 14,365 25           |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                                     | Service.  | Amount. | Total.    |
|---|---|---------|-----------|
|   |   | \$ cts. | \$ cts.   |
|   | Brought forward.....  |         | 14,365 25 |
| <b>NOVA SCOTIA—Concluded.</b>                     |   |         |           |
| <b>DISBURSEMENTS, &amp;c.—Concluded.</b>          |   |         |           |
| W. H. Rogers.....                                 | For 12 months disbursement as Inspector of Fisheries, to 30th June, 1884..... |         | 1,220 26  |
| Jno. McGillivray.....                             | Legal expenses.....   |         | 20 00     |
| "Herald" Printing Co..                            | Printing.....   |         | 7 00      |
|   | Refund.....   |         | 15,612 51 |
|   |   |         | 12 50     |
|   | Total.....  |         | 15,600 01 |
| <b>NEW BRUNSWICK.</b>                             |   |         |           |
| <b>SALARIES OF FISHERY OVERSEERS AND WARDENS.</b> |   |         |           |
| <i>County of Albert.</i>                          |   |         |           |
| Sutherland Stewart.....                           | For 12 months salary, to 30th June, 1884.....                                 | 100 00  |           |
| Wallace Taylor.....                               | do do.....  | 40 00   |           |
| J. E. Kinne.....                                  | do do.....  | 40 00   |           |
| Bartlett Oliver.....                              | do do.....  | 40 00   |           |
| C. McLatchey.....                                 | do do.....  | 40 00   |           |
|   |   |         | 260 00    |
| <i>County of Carleton.</i>                        |   |         |           |
| Geo. R. Burt.....                                 | For 18 months salary, to 30th June, 1884.....                                 | 150 00  |           |
| J. W. Scott.....                                  | do do.....  | 45 00   |           |
| A. G. Lindsay.....                                | 12 do do.....   | 150 00  |           |
| W. B. Mills.....                                  | 6 do do 1883.....   | 75 00   |           |
|   |   |         | 420 00    |
| <i>County of Charlotte.</i>                       |   |         |           |
| W. B. McLaughlin.....                             | For 12 months salary, to 30th June, 1884.....                                 | 240 00  |           |
| Frank Todd.....                                   | do do.....  | 120 00  |           |
| Leonard Best.....                                 | do do.....  | 100 00  |           |
| B. L. Cunningham.....                             | do do.....  | 70 00   |           |
| J. M. Lord.....                                   | do do.....  | 70 00   |           |
| Samuel Dick.....                                  | do do.....  | 30 00   |           |
| Robt. Dixon.....                                  | do do.....  | 30 00   |           |
| Andrew Gilmour.....                               | do do.....  | 30 00   |           |
| Edward Carroll.....                               | do do.....  | 30 00   |           |
| Thos. Holmes.....                                 | do do.....  | 30 00   |           |
| Barth. Brown.....                                 | 10 do do.....   | 83 34   |           |
| James Brown.....                                  | 2 do 31st August, 1883.....   | 16 66   |           |
|   |   |         | 850 00    |
| <i>County of Gloucester.</i>                      |   |         |           |
| James Hickson.....                                | For 12 months salary, to 30th June, 1884.....                                 | 350 00  |           |
| Juste Haché.....                                  | do do.....  | 100 00  |           |
| Fred. Comeau.....                                 | do do.....  | 100 00  |           |
| Adolphe Haché.....                                | do do.....  | 100 00  |           |
| Joseph Poirier.....                               | do do.....  | 100 00  |           |
|   | Carried forward.....  | 750 00  | 1,530 00  |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                          | Service.                                      | Amount.  | Total.   |
|--|---|----------|----------|
|  | Brought forward.....                          | 750 00   | 1,530 00 |
| <b>NEW BRUNSWICK—Continued.</b>        |   |          |          |
| <b>SALARIES, ETC.—Continued.</b>       |   |          |          |
| <i>County of Gloucester—Concluded.</i> |   |          |          |
| Joseph Sewell.....                     | For 12 months salary, to 30th June, 1884..... | 50 00    |          |
| Miles Dempsey.....                     | do do .....                                   | 30 00    |          |
| Timothy Coughlan.....                  | do do .....                                   | 30 00    |          |
| Jeremiah Muzzeroli.....                | do do .....                                   | 30 00    |          |
| James Walsh.....                       | do do .....                                   | 30 00    |          |
| Alex. Boyd.....                        | do do .....                                   | 30 00    |          |
| Wm Rogers.....                         | do do .....                                   | 25 00    |          |
| John Calnan, jun.....                  | do do .....                                   | 25 00    |          |
| Augustin Cormier.....                  | 9 do to 31st March, 1884.....                 | 37 50    |          |
| Gustave Cormier.....                   | 3 do to 30th June, 1884.....                  | 12 50    |          |
|  |   |          | 1,050 00 |
| <i>County of Kent.</i>                 |   |          |          |
| Chas. Cormier.....                     | For 12 months salary, to 30th June, 1884..... | 100 00   |          |
| F. B. Légère.....                      | do do .....                                   | 80 00    |          |
| James Harnett.....                     | do do .....                                   | 80 00    |          |
| Lazare Guimon.....                     | do do .....                                   | 80 00    |          |
| A. L. Collet.....                      | do do .....                                   | 80 00    |          |
| M. A. Girouard.....                    | do do .....                                   | 75 00    |          |
| Wm F. Hannah.....                      | do do .....                                   | 75 00    |          |
| Nicholas Muzzeroll.....                | do do .....                                   | 50 00    |          |
|  |   |          | 620 00   |
| <i>County of Kings.</i>                |   |          |          |
| Samuel Gosline.....                    | For 12 months salary, to 30th June, 1884..... | 100 00   |          |
| James A. Belyea.....                   | do do .....                                   | 50 00    |          |
| S. F. Ryan.....                        | do do .....                                   | 30 00    |          |
| Sam. Gamblain.....                     | do do .....                                   | 30 00    |          |
| Jonah Keith.....                       | do do .....                                   | 30 00    |          |
| F. W. Hatfield.....                    | 4 do to 31st October, 1883.....               | 16 66    |          |
| Z. S. Spragg.....                      | 8 do to 30th June, 1884.....                  | 33 34    |          |
|  |   |          | 290 00   |
| <i>County of Northumberland.</i>       |   |          |          |
| John Hogan.....                        | For 12 months salary, to 30th June, 1884..... | 400 00   |          |
| Wm. Wyse.....                          | do do .....                                   | 200 00   |          |
| Samuel Holt.....                       | do do .....                                   | 160 00   |          |
| James Russell.....                     | do do .....                                   | 150 00   |          |
| Prudent Robichaux.....                 | do do .....                                   | 100 00   |          |
| Kenneth Cameron.....                   | do do .....                                   | 100 00   |          |
| John G. Williston.....                 | do do .....                                   | 100 00   |          |
| Samuel Freeze.....                     | do do .....                                   | 100 00   |          |
| John Blake.....                        | do do .....                                   | 70 00    |          |
| Enoch A. Bamford.....                  | do do .....                                   | 50 00    |          |
| Jared Blackmore.....                   | do do .....                                   | 50 00    |          |
| Samuel Kingston.....                   | do do .....                                   | 50 00    |          |
| Geo. Hubbard.....                      | do do .....                                   | 50 00    |          |
| John Shaddick, jun.....                | do do .....                                   | 50 00    |          |
| Aaron Hovey.....                       | do do .....                                   | 30 00    |          |
| Geo. Bryenton.....                     | do do .....                                   | 30 00    |          |
|  |   |          |          |
|  | Carried forward.....                          | 1,690 00 | 3,490 00 |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                              | Service.                                       | Amount.             | Total.              |
|--|--|---------------------|---------------------|
|  | Brought forward.....                           | \$ cts.<br>1,690 00 | \$ cts.<br>3,490 00 |
| <b>NEW BRUNSWICK—Continued.</b>            |  |                     |                     |
| <b>SALARIES, &amp;c.—Continued.</b>        |  |                     |                     |
| <i>County of Northumberland—Concluded.</i> |  |                     |                     |
| Patrick Bergin.....                        | For 12 months salary, to 30th June, 1884 ..... | 30 00               |                     |
| Thos. Smith.....                           | do do .....                                    | 30 00               |                     |
| Patrick Gillis.....                        | do do .....                                    | 30 00               |                     |
| Denis Hogan.....                           | do do .....                                    | 30 00               |                     |
| Michael Donovan.....                       | do do .....                                    | 30 00               |                     |
| Findlay McDairmaid.....                    | do do .....                                    | 30 00               |                     |
| Nathaniel Morehouse.....                   | do do .....                                    | 30 00               |                     |
| John Doyle.....                            | do do .....                                    | 30 00               |                     |
| Daniel Matthews.....                       | do do .....                                    | 30 00               |                     |
| Angus McIntosh.....                        | do do .....                                    | 30 00               |                     |
| Tubal Watling.....                         | do do .....                                    | 30 00               |                     |
| James Fitzpatrick.....                     | do do .....                                    | 30 00               |                     |
| Jas. W. Underhill.....                     | do do .....                                    | 30 00               |                     |
| Michael Ryan.....                          | do do .....                                    | 30 00               |                     |
| Maurice Hayes.....                         | do do .....                                    | 30 00               |                     |
| John Noble.....                            | 14 do do .....                                 | 141 65              |                     |
| John Stymast.....                          | 12 do and arrears of increase.....             | 112 50              |                     |
| Thos. Parker.....                          | 10 do to 30th June, 1884.....                  | 133 34              |                     |
| Christopher Parker.....                    | 2 do to 31st August, 1883.....                 | 26 66               |                     |
| Wm. Dalton.....                            | 5 do as Special Warden.....                    | 150 00              |                     |
|  |  |                     | 2,704 15            |
| <i>County of Queens.</i>                   |  |                     |                     |
| I. T. Hetherington.....                    | For 12 months salary, to 30th June, 1884.....  | 100 00              |                     |
| Isaiah Langan.....                         | do do .....                                    | 30 00               |                     |
| Robt. Phillips.....                        | do do .....                                    | 25 00               |                     |
| John Secord.....                           | 6 do to 31st December, 1883.....               | 15 00               |                     |
|  |  |                     | 170 00              |
| <i>County of Restigouche.</i>              |  |                     |                     |
| Alex. McPherson.....                       | For 12 months salary, to 30th June, 1884.....  | 100 00              |                     |
|  |  |                     | 100 00              |
| <i>County of Sunbury.</i>                  |  |                     |                     |
| G. W. Hoben.....                           | For 12 months salary, to 30th June, 1884.....  | 100 00              |                     |
| W. E. Taylor.....                          | do do .....                                    | 30 00               |                     |
|  |  |                     | 130 00              |
| <i>County of St. John.</i>                 |  |                     |                     |
| Joseph O'Brien.....                        | For 12 months salary, to 30th June, 1884.....  | 150 00              |                     |
| Wm. E. Skillen.....                        | do do .....                                    | 100 00              |                     |
|  |  |                     | 250 00              |
| <i>County of Victoria.</i>                 |  |                     |                     |
| Thomas D. Ryan.....                        | For 12 months salary, to 30th June, 1884.....  | 125 00              |                     |
| Chas. Roberts.....                         | do do .....                                    | 30 00               |                     |
| John McDougall.....                        | do do .....                                    | 30 00               |                     |
| J. C. McCluskey.....                       | do do .....                                    | 30 00               |                     |
|  | Carried forward.....                           | 215 00              | 6,844 15            |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                              | Service.  | Amount.           | Total.              |
|--|---|-------------------|---------------------|
|  | Brought forward.....                                | \$ cts.<br>215 00 | \$ cts.<br>6,814 15 |
| <b>NEW BRUNSWICK—Continued.</b>            |   |                   |                     |
| <b>SALARIES, ETC.—Continued.</b>           |   |                   |                     |
| <i>County of Victoria—Concluded.</i>       |   |                   |                     |
| Donald Frazer.....                         | For 12 months salary to 30th June, 1884.....        | 30 00             |                     |
| Thomas Edgar.....                          | do do .....   | 30 00             |                     |
| J. McN. Cameron.....                       | do do .....   | 30 00             |                     |
| Magloire Caron.....                        | do do .....   | 30 00             |                     |
| Thomas D. Ryan.....                        | Salary to 30th June, 1883.....                      | 33 33             | 368 33              |
| <i>County of Westmoreland.</i>             |   |                   |                     |
| W. B. Deacon.....                          | For 12 months salary, to 30th June, 1884.....       | 100 00            |                     |
| Robert Goodwin.....                        | do do .....   | 100 00            |                     |
| D. T. Cormier.....                         | do do .....   | 60 00             | 260 00              |
| <i>County of York.</i>                     |   |                   |                     |
| Robert Orr.....                            | For 12 months salary, to 30th June, 1884.....       | 150 00            |                     |
| J. Campbell.....                           | do do .....   | 60 00             |                     |
| Wm. Brown.....                             | do do .....   | 60 00             |                     |
| And. Cunningham.....                       | do do .....   | 50 00             |                     |
| Alex. Moir.....                            | do do .....   | 30 00             | 350 00              |
| <b>DISBURSEMENTS OF FISHERY OVERSEERS.</b> |   |                   |                     |
| W. B. Deacon.....                          | For 12 months disbursements, to 31st Dec., '83..... | 208 00            |                     |
| Frank Todd.....                            | do do .....   | 158 50            |                     |
| James Hickson.....                         | do do .....   | 153 00            |                     |
| J. G. Williston.....                       | do do .....   | 129 75            |                     |
| Jos. O'Brien.....                          | do do .....   | 149 50            |                     |
| John Stymast.....                          | do do .....   | 126 00            |                     |
| Wm. Wyse.....                              | do do .....   | 125 95            |                     |
| Samuel Gosline.....                        | do do .....   | 124 96            |                     |
| Adolphe Aché.....                          | do do .....   | 122 52            |                     |
| Jeremie Mauzerolle.....                    | do do .....   | 119 75            |                     |
| T. D. Ryan.....                            | do do .....   | 116 90            |                     |
| Jas. A. Belyea.....                        | do do .....   | 106 50            |                     |
| G. W. Hoben.....                           | do do .....   | 101 04            |                     |
| W. B. McLaughlin.....                      | do do .....   | 100 00            |                     |
| E. L. Cunningham.....                      | do do .....   | 97 50             |                     |
| Chas. Cormier.....                         | do do .....   | 97 00             |                     |
| Robert Orr.....                            | do do .....   | 92 25             |                     |
| I. T. Hetherington.....                    | do do .....   | 90 32             |                     |
| M. A. Girouard.....                        | do do .....   | 89 42             |                     |
| Jas M. Lord.....                           | do do .....   | 84 25             |                     |
| Samuel Holt.....                           | do do .....   | 82 50             |                     |
| Alex. McPherson.....                       | do do .....   | 74 00             |                     |
| Dennis T. Cormier.....                     | do do .....   | 73 50             |                     |
| John Hogan.....                            | do do .....   | 71 65             |                     |
| Prudent Robichaux.....                     | do do .....   | 70 75             |                     |
| Robt. Goodwin.....                         | do do .....   | 64 06             |                     |
| Robt. Phillips.....                        | do do .....   | 57 55             |                     |
| James Harnett.....                         | do do .....   | 55 60             |                     |
|  | Carried forward .....                               | 2,922 73          | 7,822 48            |



STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                            | Service.   | Amount.             | Total.              |
|--|--|---------------------|---------------------|
|  | Brought forward.....   | \$ cts.<br>2,922 72 | \$ cts.<br>7,822 48 |
| <b>NEW BRUNSWICK—Continued.</b>          |  |                     |                     |
| <b>DISBURSEMENTS, &amp;c.—Concluded.</b> |  |                     |                     |
| Jas. Russell.....                        | For 12 months disbursements, to 31st Dec., '83 .....   | 53 10               |                     |
| W. E. Skillen.....                       | do do .....  | 51 00               |                     |
| S. Stewart.....                          | do do .....  | 41 80               |                     |
| John Blake.....                          | do do .....  | 41 50               |                     |
| G. R. Burt.....                          | do do .....  | 37 00               |                     |
| Samuel Freeze.....                       | do do .....  | 32 34               |                     |
| W. F. Hannah.....                        | do do .....  | 32 30               |                     |
| Miles Dempsey.....                       | do do .....  | 29 00               |                     |
| Leonard Best.....                        | do do .....  | 28 50               |                     |
| Lazare Guimon.....                       | do do .....  | 25 80               |                     |
| Kenneth Cameron.....                     | do do .....  | 22 35               |                     |
| Joseph Sewell.....                       | do do .....  | 20 55               |                     |
| E. A. Bamford.....                       | do do .....  | 18 25               |                     |
| John Noble.....                          | do do .....  | 18 20               |                     |
| Findlay McDiarmid.....                   | do do .....  | 17 50               |                     |
| B. Brown.....                            | do do .....  | 14 58               |                     |
| Alex G. Lindsay.....                     | do do .....  | 12 00               |                     |
| Juste Haché.....                         | do do .....  | 11 60               |                     |
| James Brown.....                         | do do .....  | 10 25               |                     |
| Joseph Poirier.....                      | do do .....  | 8 00                |                     |
| Jas. Fitzpatrick.....                    | do do .....  | 7 50                |                     |
| Angus McIntosh.....                      | do do .....  | 5 50                |                     |
|  |  |                     | 3,461 32            |
| W. H. Venning.....                       | For 12 months salary as Inspector of Fisheries, to 30th June, 1884.....                              | 1,371 96            |                     |
| C. R. Venning.....                       | Salary as Clerk to 30th June, 1884.....  | 395 04              |                     |
| Receiver-General.....                    | Superannuation tax on W. H. Venning's salary, \$28, and C. R. Venning's, \$5 .....                   | 33 00               |                     |
| W. H. Venning.....                       | 12 months disbursement, travelling expenses, &c., as Inspector of Fisheries, to 30th June, 1884..... | 661 44              |                     |
| T. D. Ryan.....                          | To pay wages, special guardians, Tobique River .....   | 100 00              |                     |
| J. & R. Young.....                       | Damage to lobster traps.....   | 145 00              |                     |
| John Cameron.....                        | Balance wages as Special Guardian.....   | 75 00               |                     |
| "Sun" Publishing Co.....                 | Advertising.....   | 51 50               |                     |
| John McColm.....                         | Compensation for loss of nets .....  | 50 00               |                     |
| James Barry.....                         | Wages as special guardian .....  | 43 00               |                     |
| "The Daily News".....                    | Advertising .....  | 40 25               |                     |
| T. B. Hannington.....                    | Postage stamps.....  | 34 00               |                     |
| L. R. Harrison.....                      | Legal expenses.....  | 29 50               |                     |
| Barnes & Co.....                         | Stationery .....   | 18 80               |                     |
| John Secord.....                         | Wages as fishery guardian .....  | 15 00               |                     |
| A. O. Smith.....                         | Water rates .....  | 9 93                |                     |
| A. Christie & Co.....                    | Repairs to office .....  | 8 00                |                     |
| J. R. Stone.....                         | Express charges.....   | 5 30                |                     |
| Jane Millar.....                         | Washing.....   | 5 00                |                     |
| S. J. King.....                          | Rent of Post Office box .....  | 4 00                |                     |
| Ellen Hughes.....                        | Cleaning office.....   | 3 50                |                     |
| Manchester, Robertson & Allison.....     | Towels .....   | 2 50                |                     |
| D. McAlpine.....                         | Directory .....  | 2 50                |                     |
|  |  |                     | 3,104 22            |
|  | <b>Total.....</b>  |                     | <b>14,388 02</b>    |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                       | Service.                                      | Amount. | Total.  |
|-------------------------------------|---|---------|---------|
|                                     |   | \$ cts. | \$ cts. |
| <b>PRINCE EDWARD ISLAND.</b>        |   |         |         |
| <b>SALARIES OF FISHERY WARDENS.</b> |   |         |         |
| <i>County of Queens.</i>            |   |         |         |
| Michael Ready.....                  | For 12 months salary, to 30th June, 1884..... | 30 00   |         |
| Lionel Garnum.....                  | do do.....                                    | 30 00   |         |
| James Power.....                    | do do.....                                    | 30 00   |         |
| Jonathan Delaney.....               | do do.....                                    | 30 00   |         |
| J. Mathieson.....                   | do do.....                                    | 30 00   |         |
| F. McKenzie.....                    | do do.....                                    | 30 00   |         |
| Francis Stanley.....                | do do.....                                    | 30 00   |         |
| Wm. Whitehead.....                  | do do.....                                    | 30 00   |         |
| Thomas Murphy.....                  | do do.....                                    | 30 00   |         |
| P. Traynor.....                     | do do.....                                    | 30 00   |         |
| Geo. Stevenson.....                 | do do.....                                    | 30 00   |         |
| S. Van Iderstine.....               | do do.....                                    | 30 00   |         |
| Geo. F. Beers.....                  | do do.....                                    | 30 00   |         |
| James Howatt.....                   | do do.....                                    | 30 00   |         |
| B. Loughrin.....                    | 6 do 31st December, 1883.....                 | 15 00   |         |
| Dominique Buotte.....               | 2 do 30th June, 1884.....                     | 5 00    |         |
|                                     |   |         | 440 00  |
| <i>County of Prince.</i>            |   |         |         |
| James Ramsay.....                   | For 12 months salary, to 30th June, 1884..... | 30 00   |         |
| Patrick McBride.....                | do do.....                                    | 30 00   |         |
| William Burns.....                  | do do.....                                    | 30 00   |         |
| John Beaton.....                    | do do.....                                    | 30 00   |         |
| Thomas Drummond.....                | do do.....                                    | 30 00   |         |
| G. A. Sharpe.....                   | do do.....                                    | 30 00   |         |
| John Chaisson chapel..              | do do.....                                    | 30 00   |         |
| Peter Aylward.....                  | do do.....                                    | 30 00   |         |
| Alex. McDonald.....                 | do do.....                                    | 30 00   |         |
| D. L. Bryant.....                   | do do.....                                    | 30 00   |         |
| Calvin Howat.....                   | do do.....                                    | 30 00   |         |
| John Tucker.....                    | do do.....                                    | 30 00   |         |
| J. N. Nelligan.....                 | do do.....                                    | 30 00   |         |
| V. S. Gillis.....                   | do do.....                                    | 30 00   |         |
| John Rix.....                       | do do.....                                    | 30 00   |         |
| John A. Sharpe.....                 | do do.....                                    | 30 00   |         |
| James. A. McDonald.....             | do do.....                                    | 30 00   |         |
| Lawrence Doyle.....                 | 1 do do.....                                  | 2 50    |         |
| J. Keer Ramsay.....                 | 1 do do.....                                  | 2 50    |         |
| J. A. Arseuault.....                | 1 do do.....                                  | 2 50    |         |
| J. F. B. Holland.....               | 1 do do.....                                  | 2 50    |         |
|                                     |   |         | 520 00  |
| <i>County of Kings.</i>             |   |         |         |
| Allan McDonald.....                 | For 12 months salary, to 30th June, 1884..... | 30 00   |         |
| Malcolm Mathewson.....              | do do.....                                    | 30 00   |         |
| Daniel Reilly.....                  | do do.....                                    | 30 00   |         |
| John Lowe.....                      | do do.....                                    | 30 00   |         |
| Peter Duffy.....                    | do do.....                                    | 30 00   |         |
| John O'Brien.....                   | do do.....                                    | 30 00   |         |
| Patrick McCullough.....             | do do.....                                    | 30 00   |         |
| J. H. Dingwell.....                 | do do.....                                    | 30 00   |         |
| James Burke.....                    | do do.....                                    | 30 00   |         |
| James Mitchell.....                 | do do.....                                    | 30 00   |         |
|                                     | Carried forward.....                          | 300 00  | 960 00  |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                          | Service.   | Amount.           | Total.            |
|--|--|-------------------|-------------------|
|  | Brought forward.....   | \$ cts.<br>300 00 | \$ cts.<br>960 00 |
| <b>PRINCE EDWARD ISLAND—Concluded.</b> |  |                   |                   |
| <b>SALARIES ETC.—Concluded.</b>        |  |                   |                   |
| <b>County of Kings—Concluded.</b>      |  |                   |                   |
| Robt. Quinn.....                       | For 12 months salary, to 30th June, 1884.....                                | 30 00             |                   |
| John Conaghan.....                     | do do do.....  | 30 00             |                   |
| John McDonald.....                     | 6 do 31st Dec., 1883.....  | 15 00             |                   |
| Henry Morrow.....                      | 10 do 30th June, 1884.....   | 25 00             |                   |
| Ronald McDonald.....                   | 2 do do.....   | 5 00              |                   |
|  |  |                   | 405 00            |
| J. H. Duvar.....                       | For 12 months salary as Inspector of Fisheries.....                          | 783 96            |                   |
| Henry Clark.....                       | do do Fishery Overseer.....  | 197 50            |                   |
| Receiver General.....                  | Superannuation tax.....  | 18 50             |                   |
| J. H. Duvar.....                       | For 12 months disbursements.....   | 336 54            |                   |
| Allan McDonald.....                    | Extra services as Warden.....  | 44 00             |                   |
| M. Ready.....                          | do do.....   | 15 00             |                   |
| J. H. Dingwall.....                    | do do.....   | 5 00              |                   |
| John McMillan.....                     | Chart of oyster beds.....  | 15 00             |                   |
| W. Campbell.....                       | Special Guardian, Cousin's pond.....   | 15 00             |                   |
| F. Stanley.....                        | Horse hire.....  | 6 00              |                   |
| Telegraph Co.....                      | Telegrams.....   | 2 04              |                   |
| Queen's Printer.....                   |  |                   | 1,438 54<br>14 44 |
|  | Refund.....  |                   | 2,817 98<br>50 00 |
|  | Total.....   |                   | \$2,767 98        |
| <b>BRITISH COLUMBIA.</b>               |  |                   |                   |
| A. C. Anderson.....                    | For 12 months salary as Inspector of Fisheries, to<br>30th June, 1884.....   | 649 00            |                   |
| Geo. Pittendreigh.....                 | 12 mos. salary as Overseer, to 30th June, 1884.....                          | 499 92            |                   |
| C. F. Green.....                       | Services as Fishery Guardian, Frazer River.....                              | 210 00            |                   |
| C. Murphy.....                         | do do do.....  | 210 00            |                   |
| C. W. D. Clifford.....                 | do do Naas & Skeena<br>Rivers.....   | 100 00            |                   |
| A. C. Anderson.....                    | Disbursements as Inspector.....  | 484 00            |                   |
| Geo. Pittendreigh.....                 | do as Fishery Overseer.....  | 16 00             |                   |
| T. N. Hibben & Co.....                 | Stationery.....  | 25 75             |                   |
| J. Smith.....                          | Services as Messenger.....   | 15 00             |                   |
| Queen's Printer.....                   | Printing.....  | 22 30             |                   |
|  |  |                   | 2,231 97          |
| <b>MANITOBA.</b>                       |  |                   |                   |
| James Anderson.....                    | For Salary as Fishery Officer, from October, 1879,<br>to February, 1882..... | 450 00            |                   |
| H. Martineau.....                      | Salary and disbursements as Fishery Officer.....                             | 251 50            |                   |
| Chas. V. Alloway.....                  | do do do.....  | 170 90            |                   |
|  |  |                   | 873 40            |
| <b>LEGAL AND INCIDENTAL EXPENSES.</b>  |  |                   |                   |
| L. R. Harrison.....                    | Professional services in suit, Spurr vs. Venning.....                        | 105 00            |                   |
| do.....                                | do do Phair vs. Venning.....   | 112 90            |                   |
| do.....                                | do do Steadman & Hanson<br>vs. Venning.....                                  | 30 00             |                   |
|  | Carried forward.....   | 247 90            |                   |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                             | Service.  | Amount.  | Total.   |
|---|---|----------|----------|
|   |   | \$ cts.  | \$ cts.  |
|   | Brought forward .....   | 247 90   |          |
| <b>LEGAL AND INCIDENTAL EXPENSES—Con.</b> |   |          |          |
| E. J. Hodgson .....                       | Professional services in suit, Assault on Warden<br>Garnum .....                        | 334 50   |          |
| Fred'k Peters .....                       | do do Crossman vs. Ramsay .....   | 123 25   |          |
| J. C. Barbarie .....                      | do do McPhee vs. Mowat .....  | 60 00    |          |
| M. A. Dixon .....                         | do do for violation of Fish-<br>eries Act at Belleville .....                           | 28 00    |          |
| J. A. Verge .....                         | To pay costs of proceedings against J. P. Mowat,<br>for violation of Fishery Laws ..... | 86 75    |          |
| Placide Latour .....                      | Services as Constable .....   | 60 00    |          |
| J. E. Farewell .....                      | Costs in appeal of Benson, Shell & Dillon .....   | 38 32    |          |
| S. H. McMillan .....                      | Costs in suit, Delaney vs. McDonald .....   | 35 00    |          |
|   |   |          | 1,003 72 |
| <b>ADVERTISING.</b>                       |   |          |          |
| Victoria "Standard" ..                    | For Advertising British Columbia Fisheries .....  | 7 00     |          |
| "The Colonist" .....                      | do do do .....  | 7 40     |          |
| "The Mainland Guar-<br>dian" .....        | do do do .....  | 7 40     |          |
| "Inland Sentinel" .....                   | do do do .....  | 4 44     |          |
| D. Robson & Co. ....                      | do do do .....  | 5 92     |          |
| Hale Bros. ....                           | Setting apart Lake Simcoe in<br>"Orillia Packet" .....                                  | 10 50    |          |
| R. Garrett .....                          | do Fisheries .....  | 10 50    |          |
| "Sun" Publishing Co. ..                   | do Sturgeon Fishery .....   | 10 50    |          |
|   |   |          | 63 66    |
| <b>FISH HATCHERY, BRITISH COLUMBIA.</b>   |   |          |          |
| Thomas Mowat .....                        | Salary as officer in charge, from 26th Sept., 1883,<br>to 30th June, 1884 .....         | 999 00   |          |
| do .....                                  | Disbursements in connection with hatchery, etc. ....                                    | 1,182 55 |          |
| Pay-list .....                            | Wages of men for labour .....   | 994 21   |          |
| A. C. Anderson .....                      | Expenses selecting site for building .....  | 100 00   |          |
| English & Co. ....                        | Hire of steamer .....   | 30 00    |          |
| Trapp Bros. ....                          | Hardware .....  | 69 8     |          |
| Jas Cunningham .....                      | do .....  | 43 88    |          |
| B. Haigh & Son .....                      | Lumber, etc .....   | 33 00    |          |
| do .....                                  | House rent .....  | 20 00    |          |
| do .....                                  | Fishing skiffs .....  | 60 00    |          |
| Dominion Sawmill Co. ..                   | Lumber .....  | 60 00    |          |
| W. R. Lewis .....                         | Logging chains, etc. ....   | 9 62     |          |
| Drake Jackson & Co. ....                  | On account of contract .....  | 25 00    |          |
| T. R. Pearson & Co. ....                  | Stationery .....  | 9 12     |          |
| "Mainland Guardian" ..                    | Printing, etc. ....   | 8 50     |          |
| "The British Columbia"                    | Advertising .....   | 3 75     |          |
| James Wise .....                          | Coal oil, etc. ....   | 4 50     |          |
| T. H. Pittendreigh .....                  | Teaming .....   | 52 00    |          |
|   |   |          | 3,704 31 |
| <b>FISH-BREEDING.</b>                     |   |          |          |
| Samuel Wilmot .....                       | 12 months salary as Superintendent of Fish Cul-<br>ture, to 30th June, 1884 .....       | 1,959 96 |          |
| Receiver-General .....                    | do superannuation tax .....   | 40 00    |          |
|   |   |          | 1,999 96 |
|   | Carried forward .....   |          | 1,999 96 |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                    | Service.   | Amount.  | Total.   |
|----------------------------------|--|----------|----------|
|                                  |  | \$ cts.  | \$ cts.  |
|                                  | Brought forward.....   |          | 1,999 96 |
| <b>FISH BREEDING—Continued.</b>  |  |          |          |
| NEWCASTLE ESTABLISHMENT, ONTARIO |  |          |          |
| Charles Wilmot.....              | Salary as officer in charge, to 30th June, 1884.....                                 | 750 00   |          |
| do .....                         | Allowance as clerk to Superintendent .....   | 249 96   |          |
| John Walker.....                 | Salary as caretaker, to 30th June, 1884.....   | 540 00   |          |
| John Kennefick.....              | Labour.....  | 490 25   |          |
| Chas. Wilmot.....                | Disbursements including travelling expenses collecting ova and distributing fry..... | 1,087 91 |          |
| J. Kennefick.....                | do do do .....   | 147 63   |          |
| Alf. Kent.....                   | Collecting fish eggs.....  | 119 60   |          |
| D. Troy.....                     | do .....   | 7 75     |          |
| H. McGinnis.....                 | do .....   | 15 00    |          |
| Joe. Marks.....                  | do .....   | 18 75    |          |
| E. Wilson.....                   | do .....   | 12 50    |          |
| J. Meney.....                    | do .....   | 7 50     |          |
| L. Rumley.....                   | do .....   | 26 88    |          |
| S. Doran.....                    | Collecting fish eggs.....  | 10 00    |          |
| E. Symes.....                    | do .....   | 15 00    |          |
| A. Kennedy.....                  | Tug hire do .....  | 15 09    |          |
| A. W. Davis.....                 | Expenses do .....  | 9 50     |          |
| A. Gurn & Co.....                | Storage of boxes fish eggs.....  | 0 25     |          |
| John Walker.....                 | Paid girls picking eggs .....  | 137 25   |          |
| William Kennefick.....           | Labour .....   | 60 00    |          |
| P. Kennefick.....                | do .....   | 29 75    |          |
| J. Kennefick.....                | do .....   | 25 63    |          |
| John Hill, sen.....              | do .....   | 24 00    |          |
| John Hayercroft.....             | do .....   | 23 00    |          |
| Pat. Garvia.....                 | do .....   | 21 00    |          |
| Neil Taylor.....                 | do .....   | 19 50    |          |
| James McDonogh.....              | do .....   | 12 00    |          |
| B. Allen.....                    | do .....   | 5 62     |          |
| Ezra Rex.....                    | do .....   | 5 00     |          |
| Daniel Ogden.....                | do .....   | 5 00     |          |
| George Rex.....                  | do .....   | 4 37     |          |
| John Hill.....                   | do .....   | 3 75     |          |
| P. Kennefick, jun.....           | do .....   | 1 38     |          |
| C. Wilmot.....                   | Paid for repairing dam .....   | 73 51    |          |
| S. Wilmot.....                   | do teaming.....  | 44 50    |          |
| John Otten.....                  | Teaming .....  | 25 50    |          |
| D. Ogden.....                    | do .....   | 1 50     |          |
| J. Masson.....                   | do .....   | 1 25     |          |
| Simmons & Pool.....              | Carpenter's work.....  | 234 85   |          |
| Lewis Quick.....                 | Fish cans .....  | 109 05   |          |
| Wm. Richard.....                 | Coal .....   | 93 86    |          |
| J. R. Barefeldt.....             | Hardware .....   | 32 39    |          |
| R. Fothergill.....               | do .....   | 23 53    |          |
| Thomas Douglas.....              | Horse hire .....   | 15 00    |          |
| do .....                         | Express charges.....   | 20 80    |          |
| Trout & Jay.....                 | do .....   | 13 15    |          |
| R. Fothergill.....               | Telegraph account.....   | 18 33    |          |
| F. Farncomb.....                 | Customs duties on varnish .....  | 10 55    |          |
| Gutta Percha Mfg. Co.....        | Rubber hose .....  | 31 13    |          |
| F. Stillwell.....                | Blacksmith's work.....   | 13 88    |          |
| J. Cleland.....                  | Tin pans.....  | 7 45     |          |
| James Wright.....                | Tinware.....   | 5 46     |          |
| Thomas Miller.....               | Cotton .....   | 5 41     |          |
| J. H. Rolfs.....                 | Painting and glazing.....  | 1 80     |          |
|                                  | Carried forward .....  | 4,684 05 | 1,999 96 |

## STATEMENT of Expenditure on Account of Fisheries, etc.—Continued.

| To whom Paid.         | Service.   | Amount.  | Total.    |
|-----------------------|--|----------|-----------|
|                       |  | \$ cts.  | \$ cts.   |
|                       | Brought forward.....   | 4,684 05 | 1,999 96  |
|                       | <b>FISH BREEDING—Continued.</b>                                |          |           |
|                       | <b>NEWCASTLE ESTABLISHMENT, ONTARIO—Concluded.</b>             |          |           |
| Postages.....         |  | 1 00     |           |
| Samuel Wilmot.....    | Rent of land.....  | 200 00   |           |
| G. M. Clarke.....     | do water privilege.....  | 100 00   | 4,985 05  |
|                       | <b>SANDWICH HATCHERY, ONTARIO.</b>                             |          |           |
| Wm. Parker.....       | 12 months salary as officer in charge to 30th June, 1881.....  | 750 00   |           |
| Wm. Hill.....         | Wages as assistant.....  | 346 25   |           |
| Alex. McComb.....     | do engineer.....   | 253 00   |           |
| C. Lemonde.....       | do do.....   | 59 00    |           |
| Wm. Parker.....       | Disbursements, collecting ova and distributing fry.....        | 267 35   |           |
| Jas. McKee.....       | Supplying white fish ova, 1881, 1882 and 1883.....             | 350 00   |           |
| do.....               | Board of men, collecting ova.....                              | 16 00    |           |
| J. D. Meloche.....    | do do.....   | 6 00     |           |
| H. C. Bell.....       | Horse hire.....  | 18 00    |           |
| Jos. Paré.....        | Distributing fry.....  | 18 00    |           |
| Wm. Hill.....         | do.....  | 13 60    |           |
| And. Hackett.....     | do.....  | 12 00    |           |
| Jos. Lazarus.....     | do.....  | 7 50     |           |
| Odette & Wherry.....  | Use of tug distributing fry.....                               | 15 00    |           |
| Jos. Paré.....        | Cordwood.....  | 289 50   |           |
| M. Winterburn.....    | Sawing cordwood.....   | 17 50    |           |
| M. O'Brien.....       | do.....  | 16 27    |           |
| Odette & Wherry.....  | Coal.....  | 46 75    |           |
| Bell Ice Co.....      | do.....  | 19 60    |           |
| W. G. Nutson.....     | Lumber and repairs.....  | 151 40   |           |
| Pequenot & Co.....    | Paints, oils, &c.....  | 94 08    |           |
| R. Purser & Son.....  | Hardware.....  | 82 05    |           |
| C. Lemonde.....       | Carpenters' work.....  | 25 50    |           |
| C. Banetine.....      | Laying pipes.....  | 6 00     |           |
| Kerr Bros.....        | Repairing engine.....  | 3 50     |           |
| Jos. Hall.....        | do pump.....   | 6 40     |           |
| Wm. Adams.....        | Painting.....  | 14 00    |           |
| James McKee.....      | Rent of grounds.....   | 20 00    |           |
| J. W. Tringham.....   | Rent of telephone.....   | 67 87    |           |
| James Cowan.....      | Valuing land.....  | 22 00    |           |
| J. P. Clark.....      | Board of men.....  | 5 00     |           |
| Jas. McKee.....       | Horse hire.....  | 7 00     | 3,026 12  |
|                       | <b>TADOUSSAC ESTABLISHMENT, QUEBEC.</b>                        |          |           |
| Jos. Radford.....     | 12 months salary as officer in charge, to 30th June, 1881..... | 600 00   |           |
| Pierre Plourde.....   | 11 months wages as caretaker, to 30th June, 1884.....          | 308 00   |           |
| Jos. Radford.....     | Pay list, labor at hatchery.....                               | 325 29   |           |
| Wm. Manning.....      | Labor at hatchery.....   | 132 72   |           |
| Damase Simard.....    | do.....  | 27 48    |           |
| S. D. Pednault.....   | do.....  | 16 87    |           |
| J. Jourdain.....      | do.....  | 15 60    |           |
| D. McLaren.....       | do.....  | 13 50    |           |
| Isidore Tremblay..... | do.....  | 4 80     |           |
| O. Boulliane.....     | do.....  | 2 61     |           |
| J. Maher.....         | do.....  | 2 00     |           |
|                       | Carried forward.....   | 1,448 27 | 10,011 13 |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.  | Service.  | Amount.             | Total.               |
|--|---|---------------------|----------------------|
|  | Brought forward.....  | \$ cts.<br>1,448 27 | \$ cts.<br>10,011 13 |
| <b>FISH BREEDING—Continued.</b>                              |   |                     |                      |
| <b>TADOUSSAC ESTABLISHMENT, QUEBEC—Concluded.</b>            |   |                     |                      |
| C Tremblay.....  | Labor at hatchery .....                                       | 1 40                |                      |
| X. Mallard.....  | do .....  | 1 20                |                      |
| M. Fortier.....  | do .....  | 1 00                |                      |
| F. Boulliane.....  | Night watchman.....   | 58 10               |                      |
| E. Potvin.....   | Wages as guardian.....  | 40 00               |                      |
| N. Simard.....   | do .....  | 22 00               |                      |
| A. Simard.....   | do .....  | 20 00               |                      |
| D. McLaren.....  | do .....  | 54 00               |                      |
| P. Pednault.....   | do .....  | 22 00               |                      |
| Wm. Manning.....   | Boat hire.....  | 29 53               |                      |
| A. Goudreau.....   | do .....  | 17 50               |                      |
| Geo. Manning.....  | do .....  | 8 40                |                      |
| A. Moreau.....   | Distributing fry.....   | 8 00                |                      |
| J. Caron.....  | do .....  | 4 00                |                      |
| H. Tremblay.....   | do .....  | 4 00                |                      |
| D. Simard.....   | do .....  | 2 40                |                      |
| M. Boivin.....   | do .....  | 2 00                |                      |
| Joseph Boily.....  | do .....  | 2 00                |                      |
| W. Dufour.....   | do .....  | 1 00                |                      |
| P. Harveux.....  | do .....  | 0 60                |                      |
| Jos. Radford.....  | To pay board of men.....                                      | 12 15               |                      |
| Roger Terrien.....   | Repairing dam.....  | 16 70               |                      |
| Walter Rae.....  | Lumber.....   | 96 28               |                      |
| do.....  | Hardware.....   | 36 92               |                      |
| H. S. Scott.....   | do .....  | 12 85               |                      |
| Frs. Bourgoing.....  | do .....  | 4 40                |                      |
| H. S. Scott.....   | do .....  | 14 17               |                      |
| N. Rouleau.....  | Blacksmiths' work.....  | 11 10               |                      |
| O. Boulliane.....  | Pails, cotton, &c.....  | 2 60                |                      |
| Postages.....  | .....   | 2 00                |                      |
| A. Moreau.....   | Repairing nets.....   | 0 40                |                      |
| Jules Tremblay.....  | do .....  | 0 50                |                      |
| Telegrams.....   | .....   | 1 84                |                      |
| F. T. Thomas.....  | Lamp chimneys.....  | 4 20                |                      |
| P. Plourde.....  | Account for board.....  | 5 60                |                      |
| do.....  | Disbursements with fry.....                                   | 68 19               |                      |
| W. J. Ray.....   | Towing fry.....   | 38 00               |                      |
| Jos. Boily.....  | Disbursements.....  | 30 90               |                      |
| L. Piorde.....   | Repairing tent.....   | 0 50                |                      |
| W. Hovington.....  | Tending Point Rouge fishery.....                              | 117 70              |                      |
| Steamer "Saguenay".....                                      | Freight.....  | 7 85                |                      |
|  |   |                     | 2,232 25             |
| <b>RISTIGOUCHE ESTABLISHMENT, QUEBEC, AND NEW BRUNSWICK.</b> |   |                     |                      |
| Alex. Mowat.....   | 12 months salary as officer in charge to 30th June, 1884..... | 600 00              |                      |
| Wm. Robertson.....   | do as assistant do.....                                       | 360 00              |                      |
| Alex. Mowat.....   | Disbursements, collecting ova and distributing fry.....       | 198 11              |                      |
| Ed. Bolton.....  | Catching and guarding fish.....                               | 120 00              |                      |
| W. Mowat.....  | Catching parent salmon.....                                   | 30 00               |                      |
| Ed. Mann.....  | do .....  | 25 0                |                      |
| H. Bell.....   | do .....  | 24 00               |                      |
| H. Miles.....  | do .....  | 20 00               |                      |
|  | Carried forward.....  | 1,375 11            | 12,243 38            |

## STATEMENT of Expenditure on Account of Fisheries, etc.—Continued.

| To whom Paid.          | Service.   | Amount.  | Total.    |
|------------------------|--|----------|-----------|
|                        | Brought forward.....   | 1,375 11 | 12,243 38 |
|                        | <b>FISH BREEDING.—Continued.</b>   |          |           |
|                        | <b>RISTIGOUCHE ESTABLISHMENT, QUEBEC AND<br/>NEW BRUNSWICK.—Continued.</b> |          |           |
| James Parker.....      | Catching parent salmon .....   | 21 00    |           |
| R. Mann.....           | do .....   | 7 50     |           |
| W. Horan.....          | do .....   | 7 50     |           |
| D. Parker.....         | do .....   | 3 00     |           |
| Robt. Duff.....        | do .....   | 2 00     |           |
| Max. Mowatt.....       | Labor removing hatchery.....   | 105 00   |           |
| Jas. Parker.....       | do .....   | 24 00    |           |
| H. Bell.....           | do .....   | 18 00    |           |
| J. W. Moores.....      | do .....   | 18 00    |           |
| W. Moores.....         | do .....   | 17 50    |           |
| A. Murray.....         | do .....   | 13 00    |           |
| D. Harris.....         | do .....   | 11 00    |           |
| W. Pratt.....          | do .....   | 11 00    |           |
| A. Harris.....         | do .....   | 7 50     |           |
| F. Arseneault.....     | do .....   | 6 25     |           |
| D. Frazer.....         | do .....   | 1 00     |           |
| R. Nelson.....         | Labor, horse hire and canoe hire.....                                      | 60 00    |           |
| James Mills.....       | do do .....  | 55 00    |           |
| W. Robertson.....      | Horse hire.....  | 4 00     |           |
| Alex. McDonald.....    | Canoe hire.....  | 6 00     |           |
| J. P. Mowat.....       | Hire of scow.....  | 54 50    |           |
| do.....                | Hardware.....  | 111 87   |           |
| Thos. Mowat.....       | Labor.....   | 28 00    |           |
| G. E. Asker.....       | do .....   | 9 00     |           |
| Parker & Anderson..... | do .....   | 2 00     |           |
| James Gillis.....      | do .....   | 1 45     |           |
| Mrs. J. Mowat.....     | Board of men.....  | 228 93   |           |
| Jas. McMillan.....     | Making gates for reservoir.....  | 9 00     |           |
| Nat. Moores.....       | Rafting timber.....  | 55 00    |           |
| R. Girard.....         | Repairing salmon nets.....   | 14 00    |           |
| F. Weirs.....          | Rafting.....   | 2 00     |           |
| A. Ferguson.....       | Packing cotton, for eggs.....  | 2 00     |           |
| Wm. Mowat.....         | Hauling wood.....  | 22 00    |           |
| Ed. Mann.....          | Sawing wood.....   | 10 00    |           |
| Wm. Robertson.....     | Repairing nets.....  | 15 00    |           |
|                        |  |          | 2,338 11  |
|                        | <b>GASPÉ ESTABLISHMENT—QUEBEC.</b>   |          |           |
| Philip Vibert.....     | 12 months salary as officer in charge, to 30th June,<br>1884.....          | 300 00   |           |
| Henry Davis.....       | do assistant officer in charge, to<br>30th June, 1884.....                 | 300 00   |           |
| Philip Vibert.....     | Disbursements, to 30th June, 1884.....                                     | 67 40    |           |
| J. S. Davis.....       | Catching and watching parent salmon.....                                   | 186 50   |           |
| Henry Olsen.....       | do do .....  | 33 75    |           |
| Jos. Cass.....         | do do .....  | 19 50    |           |
| W. C. Davis.....       | Spawning fish.....   | 20 25    |           |
| R. B. Coffin.....      | do .....   | 17 25    |           |
| E. A. Davis.....       | do .....   | 2 00     |           |
| Alf. Davis.....        | Distributing fry.....  | 63 00    |           |
| Peter Miller.....      | do .....   | 31 50    |           |
| James B. Coffin.....   | do .....   | 40 50    |           |
| Bte. Sanson.....       | do .....   | 29 00    |           |
| R. B. Coffin.....      | do .....   | 28 60    |           |
| Laughlin Miller.....   | do .....   | 28 60    |           |
|                        | Carried forward .....  | 1,167 85 | 14,581 48 |



## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                                    | Service.  | Amount.             | Total.               |
|--|---|---------------------|----------------------|
|  | Brought forward.....  | \$ cts.<br>1,167 85 | \$ cts.<br>14,581 49 |
| <b>FISH-BREEDING—Continued.</b>                  |   |                     |                      |
| <b>GASPÉ ESTABLISHMENT, QUEBEC—Concluded.</b>    |   |                     |                      |
| Alf. Stanley .....                               | Distributing fry .....  | 28 60               |                      |
| Jos. Cass .....                                  | do .....  | 27 70               |                      |
| Adolphus Touzel.....                             | do .....  | 27 30               |                      |
| John Vezina.....                                 | do .....  | 27 30               |                      |
| John Johnston.....                               | do .....  | 26 00               |                      |
| F. J. Annett .....                               | do .....  | 25 85               |                      |
| John McCallum.....                               | do .....  | 7 50                |                      |
| J. S. Davis.....                                 | Labour.....   | 65 00               |                      |
| W. C. Davis.....                                 | do .....  | 9 75                |                      |
| Hugh Leslie.....                                 | Ferriage.....   | 10 50               |                      |
| Henry Olsen.....                                 | Clearing pond.....  | 10 50               |                      |
| Alf. Stanley.....                                | do .....  | 7 50                |                      |
| Richard Miller.....                              | Canoeman .....  | 10 40               |                      |
| Thos. Cabot.....                                 | Wading boots.....   | 6 00                |                      |
| Henry Davis.....                                 | Board.....  | 3 50                |                      |
| do .....   | Cordwood.....   | 11 50               |                      |
| F. J. Annett .....                               | Hauling coal.....   | 12 00               |                      |
| S. Veit .....                                    | Coal.....   | 30 00               |                      |
| J. & E. Collas.....                              | Hardware, etc .....   | 17 56               |                      |
| J. Leboutillier & Co.....                        | do .....  | 4 12                |                      |
| Margaret Bain.....                               | Repairing nets .....  | 5 50                |                      |
| Ab. Coffin .....                                 | do .....  | 4 50                |                      |
| J. Lavoie.....                                   | Drawing deel.....   | 6 00                |                      |
| Henry Davis.....                                 | 9 years' rent of land, from 1875 to 1884 .....                  | 180 00              |                      |
| do .....   | Purchase of land.....   | 200 00              |                      |
|  |   |                     | 1,932 43             |
| <b>MAGOG ESTABLISHMENT, QUEBEC.</b>              |   |                     |                      |
| A. H. Moore.....                                 | 12 months salary as officer in charge to 30th June, 1884 .....  | 600 00              |                      |
| do .....   | Disbursements connected with collecting ova.....                | 145 41              |                      |
| C. Wilmot.....                                   | Disbursements collecting and conveying ova to Magog .....       | 150 00              |                      |
| A. H. Moore.....                                 | Paid for picking ova.....                                       | 38 45               |                      |
| W. F. Whitcher.....                              | Expenses inspecting hatchery.....                               | 52 46               |                      |
| S. P. Bauset.....                                | do .....  | 23 00               |                      |
| Textile and Print Co.....                        | Transfer of land .....  | 1,000 00            |                      |
|  |   |                     | 2,009 32             |
| <b>BEDFORD BASIN ESTABLISHMENT, NOVA SCOTIA.</b> |   |                     |                      |
| A. B. Wilmot.....                                | 12 months salary as officer in charge to 30th June, 1884.....   | 800 00              |                      |
| F. G. Tolson .....                               | do assistant do .....   | 252 00              |                      |
| John Tolson.....                                 | Assistance .....  | 17 50               |                      |
| A. B. Wilmot.....                                | Disbursements collecting eggs, distributing fry, etc., etc..... | 393 98              |                      |
| F. G. Tolson .....                               | do do do .....  | 36 35               |                      |
| Albert Tolson .....                              | Conveyance of fry.....  | 79 75               |                      |
| O. K. Fillmore.....                              | Catching salmon.....  | 149 75              |                      |
| Wm. Beck.....                                    | do .....  | 93 00               |                      |
| And. Muirhead .....                              | Labour.....   | 66 25               |                      |
| H. Allen .....                                   | do .....  | 63 75               |                      |
| J. D. Eamos.....                                 | do .....  | 40 00               |                      |
|  | Carried forward.....  | 1,992 33            | 18,523 24            |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.             | Service.   | Amount.  | Total.    |
|---------------------------|--|----------|-----------|
|                           |  | \$ cts.  | \$ cts.   |
|                           | Brought forward.....   | 1,992 33 | 18,523 24 |
|                           | <b>FISH BREEDING—Continued.</b>  |          |           |
|                           | <b>BEDFORD BASIN ESTABLISHMENT, NOVA SCOTIA—Con.</b>                     |          |           |
| D. D. Fillmore.....       | Labor .....  | 21 75    |           |
| Robt. Reynard.....        | do .....   | 7 25     |           |
| Moir, Son & Co.....       | Hardware, oil, etc.....  | 51 65    |           |
| Theakston & Angevin ..    | do .....   | 31 00    |           |
| G. J. Harris .....        | Tinware .....  | 25 77    |           |
| G. W. Gilroy .....        | Hardware .....   | 4 24     |           |
| Lyons Hatfield .....      | do .....   | 7 46     |           |
| Lincoln Williams.....     | Zinc tubes .....   | 4 45     |           |
| S. Cunard & Co.....       | Coal.....  | 72 00    |           |
| Robert Anderson .....     | Freight on coal.....   | 12 00    |           |
| A. B. Wilmot.....         | Paid for carting coal .....  | 6 00     |           |
| Thos. Rodley.....         | Lumber.....  | 41 90    |           |
| J. A. Hatfield.....       | do .....   | 19 96    |           |
| R. A. Wood & Co.....      | do .....   | 4 90     |           |
| Oxford Furniture Co.....  | do .....   | 4 00     |           |
| A. Tolson .....           | Teaming .....  | 57 00    |           |
| R. McGillivray.....       | do .....   | 8 00     |           |
| J. B. Worthylake.....     | Chain pump .....   | 12 50    |           |
| J. E. Wilson.....         | Pump .....   | 7 00     |           |
| D. M. Geldert.....        | Horse hire.....  | 30 00    |           |
| Jas. Ward.....            | do .....   | 18 50    |           |
| J. P. Mott .....          | Lime.....  | 4 00     |           |
| W. Stairs & Son .....     | Twine.....   | 6 47     |           |
| Creighton & Marshall..... | Stationery.....  | 6 75     |           |
| E. Boutilier.....         | Knitting nets.....   | 9 00     |           |
| Wm. Gaul.....             | Oil clothes.....   | 15 00    |           |
| Wm. Dinsmore.....         | Repairing canoes.....  | 2 25     |           |
| I. J. Hingley.....        | Telegrams.....   | 2 06     |           |
| Western Union Tel. Co..   | do .....   | 3 16     |           |
| Mrs. W. Moore.....        | Board of men.....  | 19 00    |           |
| C. L. Rood.....           | do .....   | 18 00    |           |
| R. A. Wood.....           | Rent of water privilege.....   | 8 00     |           |
| J. W. Wood.....           | Rent of land .....   | 24 50    |           |
| N. Thompson.....          | Trucking boxes .....   | 12 00    |           |
| Creighton & Marshall..... | Stationery .....   | 3 25     |           |
| Albt. Tolson .....        | Cutting and hauling ice..  | 25 00    |           |
| A. B. Wilmot.....         | Shingles for ice house.....  | 12 00    |           |
| H. Allan.....             | Cleaning house.....  | 5 00     |           |
| H. Haverstock.....        | Barrels .....  | 24 75    |           |
|                           |  |          | 2,639 85  |
|                           | <b>SYDNEY ESTABLISHMENT, NOVA SCOTIA.</b>                                |          |           |
| C. A. Farquharson.....    | 12 months salary as officer in charge, to 30th June, 1884.....           | 500 00   |           |
| W. J. Dunlop.....         | 12 months salary as assistant officer in charge, to 30th June, 1884..... | 310 00   |           |
| C. A. Farquharson.....    | Disbursements collecting eggs and distributing fry.....                  | 161 17   |           |
| D. Ross.....              | Catching salmon .....  | 314 65   |           |
| Morrison & McIntyre.....  | do .....   | 145 00   |           |
| A. McRae.....             | do .....   | 103 45   |           |
| Thos. Roach .....         | do .....   | 18 50    |           |
| Lochlin Gillis.....       | do .....   | 16 00    |           |
| Kenneth McKenzie.....     | Distributing fry.....  | 85 50    |           |
| Wm. Clements.....         | do .....   | 18 75    |           |
|                           | Carried orward .....   | 1,673 02 | 21,163 09 |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                                       | Service.   | Amount.             | Total.               |
|---|--|---------------------|----------------------|
|   | Brought forward.....   | \$ cts.<br>1,673 02 | \$ cts.<br>21,163 09 |
| <b>FISH BREEDING—Continued.</b>                     |  |                     |                      |
| <b>SYDNEY ESTABLISHMENT, NOVA SCOTIA—Con.</b>       |  |                     |                      |
| Sydney Coal Co.....                                 | Coal.....  | 44 00               |                      |
| A. C. Campbell.....                                 | Hauling coal.....  | 13 20               |                      |
| R. McKenzie.....                                    | Horse hire.....  | 31 00               |                      |
| J. G. Dunlop.....                                   | do.....  | 18 00               |                      |
| W. J. Dunlop.....                                   | do.....  | 10 50               |                      |
| C. H. Harrington.....                               | Lumber.....  | 18 73               |                      |
| W. J. McLellan.....                                 | Tinsmith's work.....   | 17 47               |                      |
| H. McDonald.....                                    | Balance of extras on building.....                             | 94 20               |                      |
| J. Dobson.....                                      | Ice.....   | 6 00                |                      |
| N. & J. McLellan.....                               | Stove pipes.....   | 10 90               |                      |
| E. Watson.....                                      | Fish tanks.....  | 9 00                |                      |
| J. A. Ross.....                                     | Farlware.....  | 18 79               |                      |
| Burchill, Matheson & Co.                            | Hardware.....  | 72 20               |                      |
| John Morrison.....                                  | Making and repairing nets.....                                 | 25 00               |                      |
| J. A. McKenzie.....                                 | Stationery.....  | 11 46               |                      |
| Angus McLeod.....                                   | Paint.....   | 14 79               |                      |
|   |  |                     | \$2,088 26           |
| <b>MIRAMICHI ESTABLISHMENT, NEW BRUNSWICK.</b>      |  |                     |                      |
| Isaac Sheasgreen.....                               | 12 months salary as Officer in Charge, to 30th June, 1884..... | 499 92              |                      |
| Pat. Hogan.....                                     | Catching salmon.....   | 108 40              |                      |
| Pat. Gillis.....                                    | do.....  | 71 20               |                      |
| Michael Ryan.....                                   | do.....  | 66 40               |                      |
| W. T. Sheasgreen.....                               | do.....  | 66 50               |                      |
| Richard Murphy.....                                 | do.....  | 65 00               |                      |
| J. Sheasgreen.....                                  | do.....  | 16 00               |                      |
| John Sheasgreen.....                                | Horse hire, &c.....  | 53 00               |                      |
| W. F. Sheasgreen.....                               | do.....  | 34 30               |                      |
| R. R. Call.....                                     | Coal.....  | 80 00               |                      |
| W. F. Sheasgreen.....                               | Carting coal.....  | 32 00               |                      |
| John Ferguson.....                                  | Hardware.....  | 56 39               |                      |
| Elsen Tozer.....                                    | Building scow.....   | 50 00               |                      |
| J. H. Phinney.....                                  | Lantern and cans.....  | 10 25               |                      |
| James Fish.....                                     | Lumber.....  | 6 78                |                      |
| W. F. Sheasgreen.....                               | Cutting ice.....   | 11 00               |                      |
|   |  |                     | 1,226 14             |
| <b>ST. JOHN RIVER ESTABLISHMENT, NEW BRUNSWICK.</b> |  |                     |                      |
| Chas. McCluskey.....                                | 12 months salary as Officer in Charge, to 30th June, 1884..... | 499 92              |                      |
| do.....   | Disbursements procuring ova, &c., &c.....                      | 308 36              |                      |
| F. C. Mills.....                                    | Supplying salmon eggs.....                                     | 42 45               |                      |
| Alex. Mowat.....                                    | Disbursements with eggs.....                                   | 69 25               |                      |
| R. A. McCluskey.....                                | Labour.....  | 3 75                |                      |
| Robt. McCluskey.....                                | do.....  | 3 25                |                      |
| James Shehan.....                                   | do.....  | 2 50                |                      |
| D. Frazer.....                                      | Board.....   | 1 50                |                      |
| Frank Craig.....                                    | Trucking.....  | 3 00                |                      |
| N. B. Railway.....                                  | Freight.....   | 0 44                |                      |
| Chas. McCluskey.....                                | Coal.....  | 116 50              |                      |
| Margaret Picket.....                                | Rent of land.....  | 50 00               |                      |
|   |  |                     | 1,100 92             |
|   | Carried forward.....   |                     | 25,578 41            |

STATEMENT of Expenditure on account of Fisheries, &c.—Continued.

| To whom Paid.           | Service.   | Amount. | Total.    |
|-------------------------|--|---------|-----------|
|                         | Brought forward .....  | \$ cts. | \$ cts.   |
|                         |  |         | 25,578 41 |
|                         | <b>FISH BREEDING—Concluded.</b>                                |         |           |
|                         | <b>DUNK RIVER ESTABLISHMENT, P. E. ISLAND.</b>                 |         |           |
| Henry Clark.....        | 12 months salary as Officer in Charge, to 30th June, 1884..... | 395 00  |           |
| Receiver-General .....  | Superannuation tax.....  | 5 00    |           |
| Henry Clark.....        | Disbursements distributing fry, etc.....                       | 127 27  |           |
| Bertram Clark.....      | Labour.....  | 93 00   |           |
| D. Rogers .....         | Coal .....   | 123 13  |           |
| Henry Clark.....        | Hauling coal.....  | 28 00   | 771 40    |
|                         | <b>GENERAL DISBURSEMENTS.</b>                                  |         |           |
| W. H. Rogers.....       | Compensation for use of Roger's patent fish way...             | 400 00  |           |
| N. L. Todd & Co.....    | Building fishway, Indian River, N.S.....                       | 195 87  |           |
| G. Kerr & Sons.....     | do Middle do .....   | 130 85  |           |
| J. B. Kinney.....       | do Carleton do .....   | 120 87  |           |
| Stewart, Freeman & Co.  | do Jordan do .....   | 55 69   |           |
| R. Pevoril.....         | do Tangier do .....  | 47 45   |           |
| B. Haley .....          | do Annapolis do .....  | 34 06   |           |
| J. B. Kinney .....      | Superintending building fishways.....                          | 108 00  |           |
| Lewis Quick .....       | Boxes for ovs for Marquis of Lorne.....                        | 29 70   |           |
| J. A. Hatfield .....    | Removing obstruction in Tusket River, N.S. ....                | 44 97   |           |
| N. Y. Coal Tar Co.....  | Paraffine varnish .....  | 21 00   |           |
| T. Douglas .....        | Express charges on varnish.....                                | 10 00   |           |
| Canadian Express Co.... | Charges on salmon from British Columbia.....                   | 26 80   |           |
| S. McLaughlin.....      | Photographs lobster specimens.....                             | 5 00    |           |
| P. Valiquet.....        | Plans of fishways.....   | 5 00    |           |
|                         | <b>Total.....</b>  |         | 1,235 26  |
|                         |  |         | 27,585 07 |

STATEMENT of Expenditure on account of Fisheries, etc.—*Concluded.*

## RECAPITULATION.

|                                      | \$     | cts. |           |
|--------------------------------------|--------|------|-----------|
| Ontario.....                         | 15,192 | 73   |           |
| Quebec.....                          | 13,186 | 26   |           |
| Nova Scotia.....                     | 15,600 | 01   |           |
| New Brunswick.....                   | 14,358 | 02   |           |
| Prince Edward Island.....            | 2,767  | 98   |           |
| British Columbia.....                | 2,231  | 97   |           |
| Manitoba.....                        | 872    | 40   |           |
| Legal and incidental expenses.....   | 1,003  | 72   |           |
| Advertising.....                     | 63     | 66   |           |
| Fish Hatchery, British Columbia..... | 3,704  | 31   | 69,011 06 |
| <i>Fish Breeding.</i>                |        |      |           |
| Superintendent's Salary.....         | 1,999  | 96   |           |
| Newcastle Establishment.....         | 4,985  | 05   |           |
| Sandwich do.....                     | 3,026  | 12   |           |
| Tadoussac do.....                    | 2,232  | 25   |           |
| Ristigouche do.....                  | 2,338  | 11   |           |
| Gaspé do.....                        | 1,932  | 43   |           |
| Magog do.....                        | 2,009  | 32   |           |
| Bedford Basin do.....                | 2,639  | 85   |           |
| Sydney do.....                       | 2,088  | 26   |           |
| Miramichi do.....                    | 1,226  | 14   |           |
| St. John River do.....               | 1,100  | 92   |           |
| Dunk River do.....                   | 771    | 40   |           |
| General Disbursements.....           | 1,235  | 26   | 27,585 07 |
| Total.....                           |        |      | 96,596 13 |

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**FISHING BOUNTIES.**

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**APPENDICES.**

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## GENERAL STATEMENT

Of Fishing Bounty Claims received, for the Year 1883.

| Province.                 | County.             | Number of<br>Claims<br>Received. | Number of<br>Claims<br>Rejected. |
|---------------------------|---------------------|----------------------------------|----------------------------------|
| Nova Scotia.....          | Antigonish.....     | 298                              | 1                                |
|                           | Annapolis.....      | 277                              | 6                                |
|                           | Cape Breton.....    | 574                              | 22                               |
|                           | Digby.....          | 495                              | 7                                |
|                           | Guysboro'.....      | 869                              | 4                                |
|                           | Halifax.....        | 1,297                            | 2                                |
|                           | Inverness.....      | 537                              | .....                            |
|                           | Kings.....          | 37                               | .....                            |
|                           | Lunenburg.....      | 559                              | 6                                |
|                           | Pictou.....         | 24                               | .....                            |
|                           | Queens.....         | 208                              | 5                                |
|                           | Richmond.....       | 847                              | 8                                |
|                           | Shelburne.....      | 569                              | 29                               |
|                           | Victoria.....       | 549                              | 3                                |
| Yarmouth.....             | 231                 | 4                                |                                  |
|                           |                     | 7,171                            | 97                               |
| New Brunswick.....        | Charlotte.....      | 638                              | 48                               |
|                           | Gloucester.....     | 633                              | 13                               |
|                           | Kent.....           | 274                              | 50                               |
|                           | Northumberland..... | 10                               | .....                            |
|                           | Restigouche.....    | 2                                | .....                            |
|                           | St. John.....       | 127                              | 3                                |
|                           | Westmoreland.....   | 9                                | .....                            |
|                           |                     | 1,693                            | 114                              |
| Prince Edward Island..... | King's.....         | 501                              | 10                               |
|                           | Prince.....         | 463                              | 8                                |
|                           | Queen's.....        | 174                              | 15                               |
|                           |                     | 1,138                            | 33                               |
| Quebec.....               | Bonaventure.....    | 1,121                            | 209                              |
|                           | Gaspé.....          | 1,939                            | 26                               |
|                           | Rimouski.....       | 20                               | 20                               |
|                           | Saguenay.....       | 522                              | 24                               |
|                           |                     | 3,602                            | 279                              |

### RECAPITULATION.

|                           |        |     |
|---------------------------|--------|-----|
| Nova Scotia.....          | 7,171  | 97  |
| New Brunswick.....        | 1,693  | 114 |
| Prince Edward Island..... | 1,138  | 33  |
| Quebec.....               | 3,602  | 279 |
| Totals.....               | 13,604 | 523 |

**GENERAL STATEMENT of Payments made on account of Fishing Bounty  
Claims, for the Year 1883.**

| Province.                 | County.              | Amount Paid. | Total.    |
|---------------------------|----------------------|--------------|-----------|
|                           |                      | \$ cts.      | \$ cts.   |
| Nova Scotia .....         | Antigonish .....     | 482 50       |           |
|                           | Annapolis .....      | 2,045 50     |           |
|                           | Cape Breton.....     | 3,289 50     |           |
|                           | Digby.....           | 4,834 50     |           |
|                           | Guysboro'.....       | 7,559 00     |           |
|                           | Halifax.....         | 12,100 50    |           |
|                           | Inverness .....      | 3,994 50     |           |
|                           | King's.....          | 303 50       |           |
|                           | Lunenburg.....       | 19,508 00    |           |
|                           | Pictou.....          | 322 00       |           |
|                           | Queen's.....         | 2,633 00     |           |
|                           | Richmond.....        | 7,774 00     |           |
|                           | Shelburne.....       | 11,070 50    |           |
|                           | Victoria .....       | 3,282 50     |           |
|                           | Yarmouth.....        | 10,181 00    |           |
|                           |                      |              | 89,383 50 |
| New Brunswick .....       | Charlotte .....      | 5,210 00     |           |
|                           | Gloucester .....     | 4,056 00     |           |
|                           | Kent.....            | 1,463 50     |           |
|                           | Northumberland ..... | 120 50       |           |
|                           | Restigouche .....    | 52 00        |           |
|                           | St. John .....       | 1,448 70     |           |
|                           | Westmoreland .....   | 40 00        |           |
|                           |                      |              | 12,390 70 |
| Prince Edward Island..... | King's.....          | 3,083 64     |           |
|                           | Prince.....          | 3,840 00     |           |
|                           | Queen's.....         | 1,646 00     |           |
|                           |                      |              | 8,569 64  |
| Quebec .....              | Bonaventure.....     | 3,846 50     |           |
|                           | Gaspé.....           | 11,452 00    |           |
|                           | Saguenay.....        | 4,585 01     |           |
|                           |                      |              | 19,883 51 |

**RECAPITULATION.**

|                           |                   |                   |
|---------------------------|-------------------|-------------------|
| Nova Scotia.....          |                   | 89,383 50         |
| New Brunswick.....        |                   | 12,390 70         |
| Prince Edward Island..... |                   | 8,569 64          |
| Quebec .....              |                   | 19,883 51         |
|                           | <b>Total.....</b> | <b>130,237 35</b> |



STATEMENT showing Fishing Bounties paid to VESSELS in each County,  
for the Year 1883.

| Province.                | County.             | No. of Vessels. | Tonnage. | Average Tonnage. | No. of Men. | Amount Paid. |
|--------------------------|---------------------|-----------------|----------|------------------|-------------|--------------|
|                          |                     |                 |          |                  |             | \$ cts.      |
| Nova Scotia .....        | Annapolis.....      | 22              | 419      | 19               | 96          | 838 00       |
|                          | Cape Breton.....    | 12              | 218      | 18               | 45          | 436 00       |
|                          | Digby.....          | 73              | 3,334    | 46               | 422         | 2,652 00     |
|                          | Guysboro'.....      | 35              | 1,457    | 41               | 263         | 2,914 00     |
|                          | Halifax.....        | 120             | 3,018    | 25               | 718         | 6,020 00     |
|                          | Inverness.....      | 11              | 236      | 26               | 57          | 572 00       |
|                          | King's.....         | 3               | 73       | 24               | 9           | 146 00       |
|                          | Lunenburg.....      | 154             | 8,829    | 57               | 1,686       | 17,658 00    |
|                          | Pictou.....         | 4               | 101      | 25               | 13          | 202 00       |
|                          | Queen's.....        | 24              | 913      | 38               | 224         | 1,826 00     |
|                          | Richmond.....       | 63              | 1,719    | 28               | 446         | 3,558 00     |
|                          | Shelburne.....      | 84              | 4,372    | 52               | 968         | 8,744 00     |
|                          | Victoria.....       | 8               | 245      | 31               | 44          | 492 00       |
| Yarmouth.....            | 87                  | 4,743           | 54       | 1,247            | 9,486 00    |              |
|                          |                     | 700             | 29,788   | 43               | 6,238       | 55,544 00    |
| New Brunswick.....       | Charlotte.....      | 71              | 1,190    | 17               | 309         | 2,380 00     |
|                          | Gloucester.....     | 19              | 245      | 13               | 60          | 492 00       |
|                          | Kent.....           | 8               | 133      | 17               | 27          | 266 00       |
|                          | Northumberland..... | 2               | 34       | 17               | 9           | 68 00        |
|                          | Restigouche.....    | 2               | 26       | 13               | 5           | 52 00        |
|                          | St. John.....       | 24              | 473      | 20               | 86          | 861 20       |
|                          |                     | 126             | 2,102    | 17               | 496         | 4,119 20     |
| Prince Edward Island.... | King's.....         | 6               | 193      | 32               | 20          | 293 14       |
|                          | Prince.....         | 8               | 209      | 26               | 35          | 418 00       |
|                          | Queen's.....        | 2               | 48       | 24               | 11          | 96 00        |
|                          |                     | 16              | 450      | 28               | 66          | 807 14       |
| Quebec.....              | Gaspé.....          | 27              | 1,076    | 40               | 194         | 2,152 00     |
|                          | Saguenay.....       | 33              | 1,133    | 34               | 243         | 2,266 01     |
|                          |                     | 60              | 2,209    | 37               | 437         | 4,418 01     |

RECAPITULATION.

|                          |     |        |    |       |           |
|--------------------------|-----|--------|----|-------|-----------|
| Nova Scotia.....         | 700 | 29,788 | 43 | 6,238 | 55,544 00 |
| New Brunswick.....       | 126 | 2,102  | 17 | 496   | 4,119 20  |
| Prince Edward Island.... | 16  | 450    | 28 | 66    | 807 14    |
| Quebec.....              | 60  | 2,209  | 37 | 437   | 4,418 01  |
| Totals.....              | 902 | 34,549 | 38 | 7,237 | 64,888 35 |

## STATEMENT of Fishing Bounties paid to BOATS, for the Year 1883.

| Province.                 | County.             | No. of Boats. | No. of Men. | Amount Paid. |
|---------------------------|---------------------|---------------|-------------|--------------|
|                           |                     |               |             | \$ cts.      |
| Nova Scotia.....          | Antigonish.....     | 97            | 193         | 482 50       |
|                           | Annapolis.....      | 252           | 483         | 1,207 50     |
|                           | Cape Breton.....    | 541           | 1,140       | 2,853 50     |
|                           | Digby.....          | 416           | 873         | 2,182 50     |
|                           | Guysboro'.....      | 860           | 1,857       | 4,645 00     |
|                           | Halifax.....        | 1,200         | 2,433       | 6,080 50     |
|                           | Inverness.....      | 526           | 1,369       | 3,422 50     |
|                           | King's.....         | 34            | 63          | 157 50       |
|                           | Lunenburg.....      | 400           | 740         | 1,850 00     |
|                           | Pictou.....         | 20            | 48          | 120 00       |
|                           | Queen's.....        | 179           | 324         | 810 00       |
|                           | Richmond.....       | 791           | 1,687       | 4,216 00     |
|                           | Shelburne.....      | 461           | 930         | 2,326 50     |
|                           | Victoria.....       | 538           | 1,116       | 2,790 50     |
| Yarmouth.....             | 141                 | 278           | 695 00      |              |
|                           |                     | 6,456         | 13,534      | 33,839 50    |
| New Brunswick.....        | Charlotte.....      | 519           | 1,132       | 2,830 00     |
|                           | Gloucester.....     | 601           | 1,426       | 3,564 00     |
|                           | Kent.....           | 216           | 479         | 1,197 50     |
|                           | Northumberland..... | 8             | 21          | 52 50        |
|                           | St. John.....       | 100           | 234         | 587 50       |
|                           | Westmoreland.....   | 9             | 16          | 40 00        |
|                           |                     | 1,453         | 3,308       | 8,271 50     |
| Prince Edward Island..... | King's.....         | 493           | 1,115       | 2,790 50     |
|                           | Prince.....         | 447           | 1,368       | 3,422 00     |
|                           | Queen's.....        | 157           | 620         | 1,550 00     |
|                           |                     | 1,097         | 3,103       | 7,762 50     |
| Quebec.....               | Bonaventure.....    | 912           | 1,539       | 3,846 50     |
|                           | Gaspé.....          | 1,886         | 3,720       | 9,300 00     |
|                           | Saguenay.....       | 468           | 928         | 2,319 00     |
|                           |                     | 3,266         | 6,187       | 15,465 50    |

## RECAPITULATION.

|                           |        |        |           |
|---------------------------|--------|--------|-----------|
| Nova Scotia.....          | 6,456  | 13,534 | 33,839 50 |
| New Brunswick.....        | 1,453  | 3,308  | 8,271 50  |
| Prince Edward Island..... | 1,097  | 3,103  | 7,762 50  |
| Quebec.....               | 3,266  | 6,187  | 15,465 50 |
| Totals.....               | 12,272 | 26,132 | 65,339 00 |

## DETAILED STATEMENT of Fishing Bounties paid to VESSELS, for the Year 1883.

## PROVINCE OF NOVA SCOTIA.

## ANNAPOLIS COUNTY.

| Official Number. | Name of Vessel.      | Port of Registry.         | Tonnage. | Name of Owner or Managing Owner.          | Residence.        | No. of Crew. | Amount of Bounty Paid. |
|------------------|----------------------|---------------------------|----------|---|-------------------|--------------|------------------------|
|                  |                      |                           |          |   |                   |              | \$ cts.                |
| 77,957           | Kedron .....         | Annapolis .....           | 23       | J. & Hd. Anderson.                        | Granville .....   | 3            | 46 00                  |
| 59,347           | Sea Gull .....       | do .....                  | 20       | Stephen Anderson..                        | do .....          | 4            | 40 00                  |
| 36,569           | Hope .....           | Halifax .....             | 34       | Elias Hudson, sen.                        | Parker's Cove.    | 4            | 68 00                  |
| 51,378           | Ita .....            | St. Andrews,<br>N.B. .... | 15       | A. J. and W. C.<br>Woodworth .....        | Litchfield .....  | 4            | 30 00                  |
| 77,732           | Heather Bell .....   | Digby .....               | 13       | U. A. Piggott.....                        | Granville .....   | 3            | 26 00                  |
| 38,164           | Tivy .....           | Yarmouth .....            | 28       | Geo F. Neville.....                       | do .....          | 4            | 58 00                  |
| 83,258           | Alfred .....         | Annapolis .....           | 23       | Alfred Longmire ...                       | do .....          | 5            | 46 00                  |
| 83,255           | Floyd .....          | do .....                  | 20       | Samuel Sproul .....                       | Litchfield.....   | 7            | 40 00                  |
| 83,260           | Gazelle .....        | do .....                  | 20       | Joseph Hall .....                         | Granville .....   | 3            | 40 00                  |
| 83,256           | Marquis of Lorne ..  | do .....                  | 27       | do .....                                  | do .....          | 6            | 51 00                  |
| 83,257           | Princess Louise..... | do .....                  | 21       | do .....                                  | do .....          | 5            | 42 00                  |
| 83,254           | Sea Foam .....       | do .....                  | 28       | James E Shafner...<br>Ed and Jas. John .. | do .....          | 5            | 56 00                  |
| 57,130           | Water Lily.....      | Yarmouth .....            | 13       | Ed and Jas. John ..                       | do .....          | 6            | 26 00                  |
| 44,64            | Lilla Dale.....      | Digby .....               | 14       | Stephen Taylor.....                       | Victoria Beach .. | 5            | 28 00                  |
| 75,426           | Dolphin.....         | Annapolis .....           | 11       | Handly Lewis .....                        | Port Lorne .....  | 4            | 22 00                  |
| 51,745           | Valley .....         | St. Andrews,<br>N.B. .... | 11       | Wm. Starratt.....                         | do .....          | 3            | 22 00                  |
| 83,253           | Rescue .....         | Annapolis .....           | 17       | Josiah Burrill.....                       | Clements.....     | 5            | 34 00                  |
| 77,956           | Speed .....          | do .....                  | 13       | Chas. W Burrill .....                     | do .....          | 5            | 26 00                  |
| 77,958           | Maggie M. ....       | do .....                  | 16       | W. F. Potter .....                        | do .....          | 4            | 31 00                  |
| 83,259           | Hattie May .....     | do .....                  | 15       | Jas. R. Roop .....                        | do .....          | 4            | 30 00                  |
| 57,109           | Sea Bird .....       | Yarmouth .....            | 22       | James E. Shafner...<br>David Milner.....  | do .....          | 4            | 44 00                  |
| 77,766           | Laconic .....        | Shelburne.....            | 15       | David Milner.....                         | Parker's Cove.    | 3            | 30 00                  |

## CAPE BRETON COUNTY.

|        |                      |               |    |                      |                   |   |       |
|--------|----------------------|---------------|----|----------------------|-------------------|---|-------|
| 80,977 | Ingraham .....       | Sydney .....  | 14 | Chas. Ainsley, sen.. | North Sydney..    | 4 | 28 00 |
| 75,703 | Stella Maria .....   | do .....      | 10 | Michael McDonald..   | Leitch's Creek    | 3 | 20 00 |
| 74,038 | River Queen .....    | do .....      | 32 | Peter Desveaux.....  | Lit. Bras d'Or .. | 4 | 64 00 |
| 80,973 | Ocean Wave .....     | do .....      | 20 | Sazuel Moore .....   | do .....          | 5 | 40 00 |
| 80,961 | Water Lily .....     | do .....      | 19 | Theodore Martell ..  | Lit. Glace Bay .. | 4 | 38 00 |
| 36,136 | Queen of the East .. | Halifax ..... | 25 | Michael Burke .....  | Main-à-Dieu ..... | 3 | 50 00 |
| 80,963 | Princess .....       | Sydney .....  | 10 | James W. Grant ..... | Gabarouse.....    | 2 | 20 00 |
| 80,969 | May Flower .....     | do .....      | 11 | Wm & Thos Kelly ..   | Lingan .....      | 3 | 22 00 |
| 74,125 | George Williams ...  | do .....      | 16 | Malc'm McPherson ..  | Sydney .....      | 4 | 32 00 |
| 77,857 | Sailor's Bride ..... | do .....      | 10 | Florence E. O'Brien  | Lit. Bras d'Or .. | 4 | 20 00 |
| 74,039 | James Henry .....    | do .....      | 18 | Chas. W. Dunn .....  | North Sydney ..   | 5 | 36 00 |
| 61,792 | Alice May .....      | Halifax ..... | 33 | Solomon Tutty .....  | Louisburg .....   | 4 | 66 00 |

## DIGBY COUNTY.

|        |                     |                |    |                                  |               |   |       |
|--------|---------------------|----------------|----|----------------------------------|---------------|---|-------|
| 80,800 | Helen Mand .....    | Digby .....    | 19 | Edgar and Chas<br>McDormand..... | Westport..... | 5 | 39 00 |
| 42,081 | Randolph P .....    | do .....       | 14 | Chas. McDormand ..               | do .....      | 4 | 28 00 |
| 85,683 | Edith L. ....       | do .....       | 16 | John & Isaac Peters              | do .....      | 4 | 32 00 |
| 72,977 | Nellie H. Ham ..... | do .....       | 25 | Isaac Peters .....               | do .....      | 7 | 53 00 |
| 75,614 | Fawn .....          | Shelburne..... | 17 | do .....                         | do .....      | 6 | 34 00 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—Con.

DIGBY COUNTY—Continued.

| Official Number. | Name of Vessel.      | Port of Registry.  | Tonnage. | Name of Owner or Managing Owner. | Residence.        | No. of Crew. | Amount of Bounty Paid. |
|------------------|----------------------|--------------------|----------|----------------------------------|-------------------|--------------|------------------------|
| 75,602           | Ocean Lily.....      | Digby.....         | 17       | M. D. Peters.....                | Westport.....     | 6            | \$ 31 00               |
| 61,601           | Vesta.....           | Shelburne.....     | 21       | Clarence Peters.....             | do.....           | 7            | 42 00                  |
| 54,080           | T. W. S. Greser..... | Lunenburg.....     | 30       | James A. Peters.....             | do.....           | 8            | 60 00                  |
| 80,784           | Silver Cloud.....    | Digby.....         | 41       | do.....                          | do.....           | 9            | 82 00                  |
| 75,601           | Flash.....           | do.....            | 10       | do.....                          | do.....           | 5            | 20 00                  |
| 42,072           | Ulrica.....          | do.....            | 20       | Jacob Davis.....                 | do.....           | 3            | 40 00                  |
| 75,547           | River Rose.....      | Barrington.....    | 13       | George Cann.....                 | do.....           | 6            | 26 00                  |
| 80,799           | Hattie T.....        | Digby.....         | 16       | Frank Titus.....                 | do.....           | 6            | 32 00                  |
| 77,740           | Elmer.....           | do.....            | 15       | Charles Titus.....               | do.....           | 6            | 30 00                  |
| 72,978           | Annie Coggins.....   | Digby.....         | 22       | Annie and William Coggins.....   | Westport.....     | 6            | 44 00                  |
| 74,329           | Fairy Queen.....     | Yarmouth.....      | 12       | Wallace Coggins.....             | do.....           | 4            | 24 00                  |
| 80,001           | Florence.....        | St. John, N.B..... | 15       | E. C. Bowers.....                | Digby Co.....     | 4            | 30 00                  |
| 75,726           | Thrush.....          | Yarmouth.....      | 13       | Stephen Payson.....              | do.....           | 5            | 26 00                  |
| 74,317           | Willie.....          | do.....            | 21       | James Glaven.....                | Freeport.....     | 8            | 42 00                  |
| 85,682           | Malapert.....        | Digby.....         | 22       | Henry and James Glaven.....      | do.....           | 8            | 44 00                  |
| 72,973           | Sea Breeze.....      | do.....            | 13       | Handford Denton.....             | Westport.....     | 4            | 26 00                  |
| 75,722           | Yuba.....            | Yarmouth.....      | 15       | John Collins.....                | Cape Cove.....    | 6            | 30 00                  |
| 80,604           | Jennie C.....        | do.....            | 16       | Charles Hicks.....               | do.....           | 6            | 32 00                  |
| 74,326           | Dreadnaught.....     | do.....            | 19       | J. D. Payson.....                | Westport.....     | 6            | 38 00                  |
| 80,798           | Freddie G.....       | Digby.....         | 18       | do.....                          | do.....           | 5            | 36 00                  |
| 85,686           | Gladstone.....       | do.....            | 16       | Augustus Haycock.....            | do.....           | 6            | 32 00                  |
| 74,331           | Condor.....          | Yarmouth.....      | 11       | Maurice Haycock.....             | do.....           | 5            | 22 00                  |
| 75,757           | Etta.....            | do.....            | 17       | do.....                          | do.....           | 6            | 34 00                  |
| 80,794           | Minnie C.....        | Digby.....         | 18       | Charles H. Bailey.....           | do.....           | 6            | 36 00                  |
| 77,733           | Freddie Stevens..... | do.....            | 24       | William Howard.....              | do.....           | 7            | 48 00                  |
| 80,795           | Buda.....            | do.....            | 20       | E. P. Ruggles.....               | do.....           | 6            | 40 00                  |
| 77,783           | Lost Heir.....       | Port Medway.....   | 14       | Amos Outhouse.....               | Tiverton.....     | 5            | 28 00                  |
| 75,587           | Happy Return.....    | Weymouth.....      | 13       | Albert Outhouse.....             | do.....           | 3            | 26 00                  |
| 75,586           | Fesino.....          | do.....            | 26       | Holland Outhouse.....            | do.....           | 6            | 52 00                  |
| 77,610           | Monitor.....         | Lunenburg.....     | 35       | John Alten and Son.....          | do.....           | 7            | 70 00                  |
| 80,797           | Ella H.....          | Digby.....         | 13       | Milton & Ed. Haines.....         | Freeport.....     | 5            | 26 00                  |
| 75,751           | Helen Gertrude.....  | Yarmouth.....      | 16       | do.....                          | do.....           | 6            | 32 00                  |
| 75,711           | Dove.....            | do.....            | 19       | Joseph Ossinger.....             | do.....           | 7            | 38 00                  |
| 72,980           | Wave.....            | Digby.....         | 11       | Frank Thurber.....               | do.....           | 5            | 22 00                  |
| 85,690           | Lora T.....          | do.....            | 16       | Joseph Thurber.....              | do.....           | 6            | 32 00                  |
| 75,714           | Prince.....          | Yarmouth.....      | 10       | Geo. H. Stevens.....             | do.....           | 5            | 20 00                  |
| 80,786           | Lizzie P.....        | Digby.....         | 12       | Norman Parry.....                | do.....           | 2            | 24 00                  |
| 75,725           | Stella.....          | Yarmouth.....      | 24       | John Denton.....                 | do.....           | 6            | 48 00                  |
| 75,597           | Little Fury.....     | Digby.....         | 13       | Joseph Hall.....                 | Granville.....    | 3            | 26 00                  |
| 75,698           | Lizzie Jane.....     | do.....            | 18       | John W. Snow.....                | Digby.....        | 5            | 36 00                  |
| 38,161           | We are Here.....     | do.....            | 13       | do.....                          | do.....           | 2            | 26 00                  |
| 74,336           | Zouave.....          | Yarmouth.....      | 20       | Joseph E. Snow.....              | do.....           | *2           | 24 00                  |
| 55,828           | Minnie Hal Hal.....  | Shelburne.....     | 20       | E. N. Lutz <i>et al.</i> .....   | do.....           | 5            | 40 00                  |
| 57,108           | May Rose.....        | Yarmouth.....      | 26       | John Starr Hayden.....           | L. Granville..... | 10           | 52 00                  |
| 75,741           | Lottie.....          | do.....            | 12       | Bruce Kerr.....                  | Digby.....        | 5            | 24 00                  |
| 74,322           | Morning Star.....    | do.....            | 25       | J. W. Cousins.....               | do.....           | 10           | 50 00                  |
| 75,595           | West Wind.....       | Digby.....         | 25       | do.....                          | do.....           | 10           | 50 00                  |
| 38,036           | Twilight.....        | do.....            | 14       | James Ellis.....                 | do.....           | 4            | 28 00                  |
| 85,685           | L. M. Ellis.....     | do.....            | 35       | W. E. Ellis <i>et al.</i> .....  | do.....           | 7            | 70 00                  |
| 37,282           | Victoria.....        | do.....            | 29       | Turnbull & Welsh.....            | Smith's Cove..... | 8            | 58 00                  |
| 59,356           | M. P. Reed.....      | Annapolis.....     | 30       | David Sproul <i>et al.</i> ..... | do.....           | 10           | 60 00                  |
| 83,261           | Economist.....       | do.....            | 14       | Adelbert Ryder, sr.....          | Granville.....    | 6            | 28 00                  |
| 85,684           | Constitution.....    | Digby.....         | 28       | Charles J. Baker.....            | do.....           | 10           | 56 00                  |
| 85,687           | Mabel.....           | do.....            | 39       | George T. Wright.....            | Digby.....        | 4            | 78 00                  |
| 83,421           | Charlie.....         | Weymouth.....      | 10       | James Hutchinson.....            | do.....           | 5            | 20 00                  |
| 85,541           | Willie M.....        | Yarmouth.....      | 24       | Josiah Ellis.....                | Maitland.....     | 9            | 48 00                  |

\* Four of crew did not fish three months.

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*DIGBY COUNTY—*Concluded.*

| Official Number. | Name of Vessel.    | Port of Registry. | Tonnage. | Name of Owner or Managing Owner.  | Residence.      | No. of Crew. | Amount of Bounty Paid. |
|------------------|--------------------|-------------------|----------|-----------------------------------|-----------------|--------------|------------------------|
|                  |                    |                   |          |                                   |                 |              | \$ cts.                |
| 85,534           | Lloyd .....        | Yarmouth .....    | 23       | John H. Harris <i>et al</i> ..... | .....           | 8            | 46 00                  |
| 85,539           | Maggie Jane .....  | do .....          | 12       | Mande Trakan <i>et al</i> .....   | Salmon River.   | 6            | 24 00                  |
| 80,630           | Vanity .....       | do .....          | 11       | Samuel F. Perry....               | Yarmouth.....   | 6            | 23 00                  |
| 85,533           | Minnie C. ....     | do .....          | 12       | Charles Cunn & Co. ....           | do .....        | 6            | 24 00                  |
| 80,650           | Happy Home .....   | do .....          | 14       | Luke LeBlanc <i>et al</i> .....   | Salmon River.   | 7            | 28 00                  |
| 85,550           | Fair Play .....    | do .....          | 11       | John Sollows.....                 | Maitland .....  | 5            | 22 00                  |
| 75,864           | Roving Lizzie..... | Weymouth.....     | 11       | Holmes Sanders.....               | Sandy Cove ...  | 3            | 22 00                  |
| 77,953           | Zulu.....          | Annapolis .....   | 18       | Theodore Raymond .....            | do .....        | 7            | 36 00                  |
| 51,961           | Lillie Dale .....  | Yarmouth.....     | 11       | Wm. W. Hayden .....               | Digby.....      | 4            | 22 00                  |
| 75,716           | Onward.....        | do .....          | 11       | S. L. Daken .....                 | Trout Cove....  | 3            | 22 00                  |
| 83,427           | Zoulou.....        | Weymouth.....     | 12       | Anatole Melancon..                | Clare .....     | 4            | 24 00                  |
| 75,612           | Alice .....        | Yarmouth.....     | 17       | Edmund Trask .....                | Little River... | 7            | 34 00                  |

## GUYSBOROUGH COUNTY.

|        |                      |                              |     |  |                 |    |        |
|--------|----------------------|------------------------------|-----|--|-----------------|----|--------|
| 36,273 | Jenny Lind .....     | Halifax .....                | 14  | William O'Hara ...                     | Salmon River.   | 4  | 28 00  |
| 80,985 | Annie Roy .....      | Guysboro' .....              | 90  | George E. Jost .....                   | Guysboro' ..... | 14 | 169 00 |
| 80,984 | Estella.....         | do .....                     | 75  | do .....                               | do .....        | 14 | 150 00 |
| 38,391 | Charlotte .....      | Arichat.....                 | 28  | Joseph Luddington.                     | New Harbour .   | 6  | 56 00  |
| 80,981 | Georgina.....        | Guysboro' .....              | 95  | John McJ. Oun-<br>ningham.....         | Guysboro'.....  | 15 | 160 00 |
| 80,970 | Orion .....          | Halifax .....                | 24  | Ed. B. Peirine.....                    | Larry's River.  | 5  | 48 00  |
| 74,141 | Belle.....           | Guysboro' .....              | 31  | Robert H. Morrison.                    | Torbay, .....   | 10 | 62 00  |
| 69,132 | Belle of the Bay ... | do .....                     | 20  | do .....                               | do .....        | 5  | 40 00  |
| 69,141 | Mary Elizabeth ..... | Halifax.....                 | 16  | W. G. Webber.....                      | do .....        | 5  | 32 00  |
| 61,627 | Hope.....            | Guysboro' .....              | 25  | William G. Peart....                   | Guysboro' ..... | 5  | 50 00  |
| 59,470 | Dart .....           | do .....                     | 44  | Frederick Mahoney.                     | do .....        | 5  | 88 00  |
| 61,628 | Sir John A.....      | do .....                     | 25  | John Ehler, 3d .....                   | Crow Harbour    | 4  | 50 00  |
| 64,033 | Ripple.....          | Yarmouth .....               | 29  | George A. Tanner .....                 | do .....        | 8  | 58 00  |
| 37,616 | Petitpau .....       | Guysboro' .....              | 22  | Wm. & R. Whitman                       | Guysboro' ..... | 3  | 44 00  |
| 37,565 | Defiance .....       | Halifax .....                | 24  | Seth McKenzie .....                    | do .....        | 4  | 48 00  |
| 41,922 | Paragon .....        | Liverpool .....              | 35  | Simon McKenzie .....                   | Canso.....      | 5  | 70 00  |
| 75,875 | Leda and Lizzie....  | Pictou.....                  | 56  | Thomas O. Cook....                     | do .....        | 7  | 112 00 |
| 75,709 | Alert .....          | Sydney.....                  | 36  | do .....                               | do .....        | 3  | 72 00  |
| 77,781 | Lina May .....       | Guysboro' .....              | 81  | A. N. Whitman.....                     | do .....        | 11 | 160 00 |
| 75,627 | A. W. White .....    | Shelburne .....              | 99  | do .....                               | do .....        | 14 | 160 00 |
| 80,987 | Geraldine .....      | Guysboro' .....              | 139 | do .....                               | do .....        | 18 | 160 00 |
| 72,604 | Wm. R. Page.....     | do .....                     | 81  | do .....                               | do .....        | 14 | 160 00 |
| 77,931 | Sea Gull.....        | Charlottetown<br>P.E.I. .... | 28  | George Walsh.....                      | do .....        | 7  | 56 00  |
| 75,763 | Ripple .....         | Lunenburg.....               | 17  | Robert Jamieson .....                  | do .....        | 3  | 34 00  |
| 41,771 | Atalia .....         | Guysboro' .....              | 34  | Thomas H. Peeples.                     | Pirate Harbour  | 5  | 68 00  |
| 46,105 | Jane Otis.....       | Amherst .....                | 50  | M. Keating .....                       | Port Mulgrave.  | 8  | 100 00 |
| 37,057 | Union .....          | Halifax .....                | 6   | James Purcell & Co                     | do .....        | 9  | 72 00  |
| 54,137 | John Williams .....  | do .....                     | 41  | do .....                               | do .....        | 9  | 82 00  |
| 69,934 | Lizzie A .....       | Pt. Hawkesb'y                | 20  | John F. Reeves <i>et al</i>            | do .....        | 3  | 40 00  |
| 74,355 | La Mode .....        | Pictou .....                 | 25  | John Forrester .....                   | Auld's Cove...  | 5  | 50 00  |
| 35,632 | Glide.....           | Halifax .....                | 30  | George McKinlay...                     | Liscomb.....    | 6  | 60 00  |
| 74,117 | Lizzie M .....       | do .....                     | 37  | John H. Myers .....                    | do .....        | 8  | 74 00  |
| 83,400 | Hope.....            | do .....                     | 13  | George Cook .....                      | Co. Harbour..   | 4  | 26 00  |
| 64,912 | William Boak.....    | do .....                     | 62  | Peter McConnell<br><i>et al.</i> ..... | Port Hillford.. | 5  | 124 00 |
| 55,540 | Sea Flower.....      | Pictou.....                  | 113 | James Purcell & Co                     | Port Mulgrave   | 12 | 160 00 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*

## HALIFAX COUNTY.

| Official Number. | Name of Vessel.     | Port of Registry. | Tonnage. | Name of Owner or Managing Owner.            | Residence.                   | No. of Crew. | Amount of Bounty Paid. |
|------------------|---------------------|-------------------|----------|---|------------------------------|--------------|------------------------|
|                  |                     |                   |          |   |                              |              | \$ cts.                |
| 83,042           | Western Belle.....  | Shelburne.....    | 23       | James P. Coolen, sr                         | St. Margaret's Bay.....      | 8            | 46 00                  |
| 85,378           | Zephyr.....         | Halifax.....      | 14       | Lorenzo and James O'Brien.....              | Prospect.....                | 4            | 28 00                  |
| 73,119           | Royal.....          | do.....           | 12       | James and Tobias Scott.....                 | East Dover....               | 4            | 24 00                  |
| 85,388           | May Alice.....      | do.....           | 21       | James Scott <i>et al.</i> ..                | do.....                      | 6            | 42 00                  |
| 85,658           | Lilian.....         | do.....           | 15       | Michael Chancey <i>et al.</i> .....         | Prospect.....                | 5            | 30 00                  |
| 74,093           | Brill.....          | do.....           | 28       | John Fegan.....                             | Ketch Harbour                | 6            | 56 00                  |
| 42,520           | Nimble.....         | do.....           | 59       | John Stone.....                             | Halifax.....                 | 11           | 118 00                 |
| 71,388           | Zelu.....           | Port Medway..     | 21       | Richard Boutillier..                        | Boutillier Cove              | 5            | 42 00                  |
| 75,825           | Four Brothers.....  | Halifax.....      | 26       | Daniel Bonin.....                           | West Chezzetcook.....        | 6            | 52 00                  |
| 74,103           | Drucilla May.....   | do.....           | 19       | William Baker.....                          | West Dover....               | 5            | 38 00                  |
| 74,108           | City Belle.....     | do.....           | 21       | Noah Fader <i>et al.</i> ....               | Shad Bay.....                | 5            | 42 00                  |
| 80,843           | Nettie B. H.....    | do.....           | 23       | Wm and John Hearn                           | U. Prospect....              | 6            | 46 00                  |
| 77,836           | T. W. Smith.....    | do.....           | 35       | Edward Walsh, sen.                          | do.....                      | 10           | 70 00                  |
| 69,105           | Lady of the Lake... | do.....           | 13       | Edward Walsh, sen., <i>et al.</i> .....     | do.....                      | 5            | 26 00                  |
| 85,390           | Susan C.....        | do.....           | 21       | Daniel Croucher.....                        | St. Margaret's Bay.....      | 6            | 42 00                  |
| 88,215           | Peep-O'-Day.....    | do.....           | 12       | Abraham Publi-<br>cover <i>et al.</i> ..... | West Dover....               | 2            | 24 00                  |
| 83,398           | Ocean Child.....    | do.....           | 20       | Robert Wolf.....                            | West Chezzet-<br>cook.....   | 4            | 40 00                  |
| 85,565           | Nellie D.....       | do.....           | 12       | Daniel Smith, jun..                         | Sambro.....                  | 3            | 24 00                  |
| 83,409           | Minnie B.....       | do.....           | 18       | James Cornelius, jun                        | Pennant.....                 | 5            | 36 00                  |
| 88,223           | River Belle.....    | do.....           | 11       | Richard Christian..                         | U. Prospect....              | 5            | 22 00                  |
| 61,985           | Squirrel.....       | do.....           | 15       | George J. Longard<br><i>et al.</i> .....    | St. Margaret's<br>Bay.....   | 5            | 30 00                  |
| 88,213           | H. H. Bella.....    | do.....           | 13       | John Longard <i>et al.</i>                  | do.....                      | 4            | 26 00                  |
| 85,340           | Ocean Ranger.....   | Lunenburg....     | 13       | Edward Corney.....                          | Dover.....                   | 5            | 26 00                  |
| 89,219           | Annie.....          | Halifax.....      | 14       | George H. Graham                            | Three Fathom<br>Harbour..... | 4            | 28 00                  |
| 85,379           | Helena.....         | do.....           | 17       | Dennis Ryan.....                            | Prospect.....                | 5            | 34 00                  |
| 81,385           | Minnie M.....       | Halifax.....      | 26       | Isaac Lapierre.....                         | Chezzetcook...<br>.....      | 5            | 52 00                  |
| 85,382           | G. H. Marryatt....  | do.....           | 24       | G. H. Marryatt.....                         | Pennant.....                 | 5            | 48 00                  |
| 61,583           | Warrior.....        | do.....           | 102      | Geoff. Morrow <i>et al.</i>                 | Halifax.....                 | 16           | 160 00                 |
| 74,096           | Silver Stream.....  | do.....           | 35       | George W. Smith...                          | Indian Harb'r..              | 9            | 70 00                  |
| 72,059           | Richmond Queen...   | do.....           | 36       | George R. Hart.....                         | Halifax.....                 | 8            | 72 00                  |
| 64,901           | Welcome.....        | do.....           | 32       | Peter Dauphiney...                          | .....                        | 6            | 64 00                  |
| 61,635           | Alpha.....          | do.....           | 18       | G. P. Boutillier <i>et al.</i>              | French Vil'ge..              | 7            | 36 00                  |
| 83,114           | Sailors' Fancy..... | do.....           | 16       | J. A. Wambolt <i>et al.</i>                 | .....                        | 6            | 32 00                  |
| 75,575           | Rising Dawn.....    | Lunenburg....     | 18       | Lea. Wambolt <i>et al.</i>                  | .....                        | 5            | 36 00                  |
| 75,879           | Oetewayo.....       | Pictou.....       | 20       | D. H. Pitts.....                            | Halifax.....                 | 4            | 40 00                  |
| 77,782           | Hester A. R. Vogler | Halifax.....      | 71       | George A. Pyke.....                         | do.....                      | 14           | 143 00                 |
| 69,172           | Hope.....           | Lunenburg....     | 31       | J. McGrath, sr., <i>et al.</i>              | .....                        | 8            | 62 00                  |
| 57,760           | Guardian Angel....  | Halifax.....      | 36       | John Reyno, sen....                         | Herring Cove..               | 5            | 72 00                  |
| 61,965           | Ellen.....          | do.....           | 33       | do.....                                     | do.....                      | 7            | 64 00                  |
| 80,832           | Ella May.....       | Lunenburg....     | 16       | George Adams.....                           | .....                        | 5            | 32 00                  |
| 74,099           | Leading Breeze....  | Halifax.....      | 15       | David F. Covey....                          | Hagget's Cove                | 5            | 30 00                  |
| 85,655           | Daisey.....         | do.....           | 16       | Cyrus Johnson <i>et al.</i>                 | St. Margaret's<br>Bay.....   | 4            | 32 00                  |
| 85,654           | Annie F.....        | do.....           | 20       | Hy. Wambolt <i>et al.</i> ..                | do.....                      | 6            | 40 00                  |
| 83,399           | Fannie R. C.....    | do.....           | 22       | Eliz J. Covey <i>et al.</i>                 | do.....                      | 7            | 41 00                  |
| 85,651           | Elcy Elvy.....      | do.....           | 18       | Hy. Wambolt <i>et al.</i>                   | do.....                      | 5            | 33 00                  |
| 83,395           | Elerie.....         | do.....           | 29       | Elizah J. Covey....                         | do.....                      | 7            | 53 00                  |
| 36,335           | Trial.....          | do.....           | 23       | do.....                                     | do.....                      | 8            | 46 00                  |
| 74,129           | Telephone.....      | Port Medway..     | 70       | William McConnell                           | Hilford.....                 | 4            | 140 00                 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c., Nova Scotia.—*Con.*HALIFAX COUNTY—*Continued.*

| Official Number. | Name of Vessel.      | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.       | No. of Crew. | Amount of Bounty Paid. |
|------------------|----------------------|-------------------|----------|----------------------------------|------------------|--------------|------------------------|
|                  |                      |                   |          |                                  |                  |              | \$ cts.                |
| 74,114           | Whisper .....        | Halifax .....     | 13       | J. G. Slaunenwhite.              | Terrence Bay.    | 4            | 26 00                  |
| 83,134           | Infant .....         | do .....          | 14       | C. Slaunenwhite, sr.             | do .....         | 4            | 28 00                  |
| 37,488           | Gipsy Lass .....     | do .....          | 26       | J. P. Slaunenwhite ..            | do .....         | 8            | 52 00                  |
| 85,380           | Nimble .....         | do .....          | 14       | J. F. Slaugenwhite.              | do .....         | 4            | 28 00                  |
| 57,674           | Dreadnought .....    | do .....          | 17       | do .....                         | do .....         | 5            | 34 00                  |
| 80,821           | W. A. Smith .....    | Lunenburg ....    | 32       | J. W. Slaunenwhite..             | do .....         | 6            | 64 00                  |
| 85,381           | Champion .....       | Halifax .....     | 17       | Danl. Slaunenwhite.              | do .....         | 5            | 34 00                  |
| 85,669           | Kitty Clyde .....    | do .....          | 13       | Jno. F. Slaunenwhite             | do .....         | 5            | 26 00                  |
| 88,222           | Wave .....           | do .....          | 15       | Arch. Jollimore ..               | do .....         | 4            | 30 00                  |
| 61,629           | Carrie R .....       | do .....          | 17       | Peter Jollimore ..               | do .....         | 5            | 34 00                  |
| 61,903           | Flying Cloud .....   | Liverpool .....   | 20       | Moses Brooks .....               | Ketch Harbour    | 5            | 40 00                  |
| 61,939           | Margaret .....       | Halifax .....     | 22       | Francis Hanrahan.                | Ferguso's C'Ve   | 6            | 44 00                  |
| 61,947           | Widgeon .....        | do .....          | 22       | Fred'k Harrigan ..               | Herring Cove.    | 5            | 44 00                  |
| 54,132           | John Franklin .....  | do .....          | 18       | James Dempsey ..                 | do .....         | 6            | 36 00                  |
| 57,727           | Agnes .....          | do .....          | 21       | John Hayes .....                 | do .....         | 6            | 42 00                  |
| 64,860           | Sarah L. Oxner ..... | do .....          | 33       | William Hayes .....              | do .....         | 6            | 66 00                  |
| 59,462           | Rival .....          | do .....          | 19       | William Fleming ..               | Ketch Harbour    | 5            | 38 00                  |
| 57,481           | Quickstep .....      | do .....          | 22       | Edw. Gallagher ..                | do .....         | 4            | 44 00                  |
| 57,662           | Village Bride .....  | do .....          | 24       | Emmanuel Fagan..                 | do .....         | 5            | 48 00                  |
| 74,020           | Addie .....          | do .....          | 17       | Dennis Fagan .....               | do .....         | 5            | 34 00                  |
| 42,291           | Volunteer .....      | do .....          | 16       | Emmanuel McKay..                 | do .....         | *1           | 16 00                  |
| 57,672           | Daisy .....          | do .....          | 35       | George Smith .....               | Ferguso's C'Ve   | 7            | 70 00                  |
| 36,152           | Sarah Ann .....      | do .....          | 20       | Archibald Darah ..               | Herring Cove.    | 6            | 40 00                  |
| 83,135           | i. B. M. .....       | do .....          | 20       | John Brown .....                 | do .....         | 6            | 40 00                  |
| 53,551           | Roving Bird .....    | do .....          | 24       | do .....                         | do .....         | 6            | 48 00                  |
| 61,972           | Fanny .....          | do .....          | 18       | Edward Gorman ..                 | do .....         | 6            | 36 00                  |
| 59,495           | Three Brothers ..... | do .....          | 23       | Andrew Sullivan ..               | do .....         | 6            | 46 00                  |
| 66,727           | Willow .....         | Lunenburg ....    | 18       | Jeffrey O'Gorman ..              | do .....         | 3            | 36 00                  |
| 57,715           | John Lawrence .....  | Halifax .....     | 23       | William Higgins ..               | Ketch Harbour    | 5            | 46 00                  |
| 53,600           | Star Light .....     | do .....          | 29       | Mark Power .....                 | Herring Cove.    | 6            | 58 00                  |
| 83,108           | Maud .....           | do .....          | 15       | Joseph Reyno, jun.               | do .....         | 4            | 30 00                  |
| 85,664           | Mary E .....         | do .....          | 14       | John J. Gray .....               | Sambro .....     | 2            | 28 00                  |
| 88,220           | Grande .....         | do .....          | 14       | William Hart .....               | do .....         | 4            | 28 00                  |
| 69,162           | Norns .....          | do .....          | 22       | George Schnare ..                | Pennant .....    | 5            | 44 00                  |
| 35,678           | Hariza .....         | do .....          | 52       | James Stoddard ..                | do .....         | 10           | 104 00                 |
| 80,841           | Nina .....           | do .....          | 13       | W. E. Murphy .....               | Owl's Head ..... | 4            | 28 00                  |
| 83,408           | M. A. Franklin ..... | do .....          | 22       | Alfred Russell .....             | Clam Harbour     | 5            | 44 00                  |
| 74,105           | Jessie .....         | do .....          | 22       | Peter Mitchell .....             | Ship Harbour.    | 6            | 44 00                  |
| 36,050           | Victoria .....       | do .....          | 34       | George Hawes .....               | Spry Harbour..   | 4            | 68 00                  |
| 41,787           | Silver Dart .....    | Halifax .....     | 30       | John Hutt .....                  | Tangier .....    | 6            | 60 00                  |
| 37,619           | British Queen .....  | do .....          | 20       | Wm. Houbly .....                 | Spry Bay .....   | 3            | 40 00                  |
| 64,881           | Eliza A .....        | do .....          | 40       | Edward Leslie .....              | do .....         | 5            | 80 00                  |
| 83,403           | Walter Alton .....   | do .....          | 59       | W. Chas. Henley ..               | do .....         | 9            | 118 00                 |
| 55,836           | Frank Newton .....   | Sydney .....      | 39       | Thomas Conrod .....              | Shoal Bay .....  | 7            | 78 00                  |
| 73,116           | Hattie Lewis .....   | Halifax .....     | 53       | J. E. Conrod .....               | Spry Harbour..   | 8            | 106 00                 |
| 74,100           | Candid .....         | do .....          | 23       | Daniel Lapierre ..               | W. Chezzetc'k    | 7            | 46 00                  |
| 64,872           | Catherine .....      | do .....          | 20       | do .....                         | do .....         | 4            | 40 00                  |
| 85,660           | Agness .....         | do .....          | 11       | Aimé Lapierre .....              | do .....         | 3            | 22 00                  |
| 83,107           | North Star .....     | do .....          | 26       | Simon Lapierre .....             | do .....         | 7            | 52 00                  |
| 83,106           | Annie Isabel .....   | do .....          | 24       | Martin Julien .....              | do .....         | 7            | 48 00                  |
| 74,071           | Condor .....         | do .....          | 16       | John Julien .....                | do .....         | 3            | 32 00                  |
| 85,652           | Our Hope .....       | do .....          | 36       | Charles Wolf .....               | do .....         | 9            | 72 00                  |
| 88,215           | Sir Rupert .....     | do .....          | 20       | Hy. Falkner <i>et al.</i>        | Jeddore .....    | 4            | 40 00                  |
| 75,833           | Twilight .....       | do .....          | 14       | Eli Baker .....                  | East Jeddore..   | 6            | 28 00                  |
| 69,097           | Highland Jane .....  | do .....          | 32       | Geo. Hartling, sen.              | Jeddore .....    | 10           | 64 00                  |
| 74,087           | Sea Gem .....        | do .....          | 30       | Wm. Gennix .....                 | do .....         | 7            | 60 00                  |
| 37,519           | Safe Guide .....     | Shelburne .....   | 28       | W. C. Henley .....               | Spry Bay .....   | 4            | 56 00                  |
| 66,749           | Flash .....          | Halifax .....     | 24       | David Coolin <i>et al.</i>       | Hub'rd's Cove    | 7            | 48 00                  |
| 59,455           | Willie McLaughlan    | Lunenburg ....    | 12       | J. W. Morash .....               | N.-W. Cove....   | 3            | 24 00                  |

\* Remainder of crew did not fish 3 months.

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*HALIFAX COUNTY—*Concluded.*

| Official Number. | Name of Vessel.   | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.               | No. of Crew. | Amount of Bounty Paid. |
|------------------|-------------------|-------------------|----------|----------------------------------|--------------------------|--------------|------------------------|
|                  |                   |                   |          |                                  |                          |              | \$ cts.                |
| 75,815           | Herbert .....     | Halifax .....     | 30       | C. and H. Hubley...              | St. Margaret's Bay ..... | 10           | 60 00                  |
| 73,966           | Zephyr.....       | do .....          | 27       | David Dauphiney...               | Hub'd's Cove .....       | 9            | 54 00                  |
| 61,517           | Bessie.....       | do .....          | 33       | Hy. A. Shatford....              | do .....                 | 8            | 66 00                  |
| 73,969           | Bertha E .....    | do .....          | 21       | do .....                         | do .....                 | 7            | 42 00                  |
| 64,018           | Ocean Bride ..... | do .....          | 23       | Jas. McLean & Son.               | do .....                 | 7            | 46 00                  |
| 83,402           | Louisa Maud ..... | do .....          | 21       | Fred. Boutilier <i>et al.</i>    | do .....                 | 7            | 42 00                  |
| 73,964           | Aubrey S .....    | do .....          | 21       | Jeffrey Gilbert .....            | Petpiswick H'r .....     | 6            | 42 00                  |
| 88,224           | Tormentor .....   | do .....          | 15       | Michael Rice <i>et al.</i>       | Low'r Pr'spect .....     | 5            | 30 00                  |
| 74,098           | Rival .....       | do .....          | 30       | Henry Lapiere.....               | W. Chezzet'k .....       | 8            | 60 00                  |
| 85,387           | Topaz .....       | do .....          | 104      | Chebucto Fish'g Co               | Halifax .....            | 18           | 160 00                 |
| 80,986           | Diamond .....     | do .....          | 101      | do .....                         | do .....                 | 16           | 160 00                 |
| 36,511           | P. Martin .....   | do .....          | 36       | Richard Hawes .....              | Spry Harbour..           | 6            | 72 00                  |
| 61,904           | Water Lily.....   | do .....          | 14       | Simon Scott <i>et al.</i> ...    | West Dover.....          | 3            | 28 00                  |

## INVERNESS COUNTY.

|        |                     |                 |    |                              |                      |   |       |
|--------|---------------------|-----------------|----|------------------------------|----------------------|---|-------|
| 64,715 | Helen .....         | Pt. Ha'kesbury  | 19 | P. Robin & Co .....          | .....                | 7 | 38 00 |
| 53,603 | Sea Flower.....     | do .....        | 25 | do .....                     | .....                | 6 | 50 00 |
| 38,417 | Messenger.....      | Arichat .....   | 30 | do .....                     | .....                | 7 | 60 00 |
| 59,457 | Highland Lass.....  | Lunenburg ..... | 15 | P. LeBlanc <i>et al.</i> ... | Cheticamp.....       | 5 | 30 00 |
| 69,125 | May Flower .....    | Halifax .....   | 11 | Poly. Cormier <i>et al.</i>  | do .....             | 4 | 22 00 |
| 69,969 | Morning Light ..... | Pt. Ha'kesbury  | 39 | David Walker.....            | R. Inhabitants ..... | 3 | 78 00 |
| 46,909 | Opal .....          | do .....        | 49 | Joseph Steele .....          | do .....             | 3 | 98 00 |
| 38,468 | Hector .....        | Arichat .....   | 35 | W. H. & F. L. Paint          | Pt. Ha'kesbury ..... | 9 | 70 00 |
| 83,089 | St. Peter.....      | Pt. Ha'kesbury  | 15 | Ths. and R. White.           | Mahone Harb. .....   | 5 | 30 00 |
| 83,091 | Jennie .....        | do .....        | 11 | John Jamieson .....          | Steep Creek ...      | 2 | 22 00 |
| 37,056 | Victory .....       | do .....        | 37 | John Galford .....           | Pt. Richmond.        | 6 | 74 00 |

## KINGS COUNTY.

|        |                  |              |    |                     |                |   |       |
|--------|------------------|--------------|----|---------------------|----------------|---|-------|
| 42,086 | Mary Ann.....    | Digby .....  | 46 | Hy. E Ogilvie ..... | Harbourville.. | 4 | 92 00 |
| 80,360 | Enterprise ..... | Parrsboro'   | 15 | Caleb Ogilvie ..... | do ..          | 2 | 30 00 |
| 78,989 | Petrel.....      | Windsor..... | 12 | Elias Parker .....  | Hall's Harbour | 3 | 24 00 |

## LUNENBURG COUNTY.

|        |               |                 |     |                   |                |    |        |
|--------|---------------|-----------------|-----|-------------------|----------------|----|--------|
| 83,163 | Victor .....  | Lunenburg ..... | 76  | L. Anderson & Co. | Lunenburg .... | 12 | 152 00 |
| 74,018 | Sunbeam.....  | do .....        | 67  | do .....          | do .....       | 12 | 134 00 |
| 85,677 | Pembina ..... | do .....        | 93  | do .....          | do .....       | 15 | 160 00 |
| 85,722 | Ottawa .....  | do .....        | 115 | do .....          | do .....       | 16 | 160 00 |
| 85,345 | Hope .....    | do .....        | 106 | do .....          | do .....       | 14 | 160 00 |
| 85,348 | Hiram .....   | do .....        | 67  | Henry Adams ..... | do .....       | 12 | 134 00 |
| 74,012 | Mystic .....  | do ..           | 79  | do .....          | do .....       | 15 | 159 00 |



DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*LUNENBURG COUNTY—*Continued.*

| Official Number. | Name of Vessel.      | Port of Registry. | Tonnage. | Name of Owner or Managing Owner.         | Residence.           | No. of Crew. | Amount of Bounty Paid. |
|------------------|----------------------|-------------------|----------|--|----------------------|--------------|------------------------|
|                  |                      |                   |          |  |                      |              | \$ cts.                |
| 83,177           | Maggie Belle .....   | Lunenburg .....   | 72       | Benjamin Berringer                       | Lunenburg .....      | 13           | 144 00                 |
| 77,615           | Candor .....         | do .....          | 71       | do .....                                 | do .....             | 12           | 142 00                 |
| 80,822           | Leone .....          | do .....          | 79       | do .....                                 | do .....             | 14           | 158 00                 |
| 85,640           | Virgin Belle .....   | do .....          | 57       | Francis Conrad .....                     | do .....             | 12           | 114 00                 |
| 85,641           | Pleroma .....        | do .....          | 103      | James Eisenhauer .....                   | do .....             | 14           | 160 00                 |
| 85,645           | Sissie Belle .....   | do .....          | 40       | Josiah Gerhardt .....                    | Middle South .....   | 9            | 80 00                  |
| 69,200           | Lorraine .....       | do .....          | 69       | James Geldert .....                      | Lunenburg .....      | 15           | 138 00                 |
| 74,147           | Welcome .....        | do .....          | 44       | Benj. Himmelman .....                    | do .....             | 10           | 88 00                  |
| 57,270           | Stella .....         | do .....          | 50       | Alfred Heisler .....                     | do .....             | 10           | 100 00                 |
| 36,495           | Lady Speedwell ..... | do .....          | 56       | Adam Knickle .....                       | do .....             | 10           | 112 00                 |
| 83,176           | Amazone .....        | do .....          | 73       | James Kinley .....                       | do .....             | 13           | 146 00                 |
| 85,334           | Valorous .....       | do .....          | 57       | Benjamin Lohnes .....                    | do .....             | 9            | 114 00                 |
| 69,183           | Mary Ann .....       | do .....          | 47       | James Moser .....                        | do .....             | 11           | 94 00                  |
| 85,350           | Saxon .....          | do .....          | 79       | George Myra .....                        | do .....             | 15           | 158 00                 |
| 85,331           | Parisian .....       | do .....          | 107      | A. R. Morash .....                       | do .....             | 14           | 169 00                 |
| 80,836           | Dictator .....       | do .....          | 79       | S. Watson Oxner .....                    | do .....             | 13           | 158 00                 |
| 80,824           | Elsie .....          | do .....          | 56       | do .....                                 | do .....             | 10           | 112 00                 |
| 77,614           | Senator .....        | do .....          | 75       | do .....                                 | do .....             | 13           | 159 00                 |
| 85,337           | Parthenia .....      | do .....          | 110      | do .....                                 | do .....             | 15           | 160 00                 |
| 85,343           | Narcissus .....      | do .....          | 127      | do .....                                 | do .....             | 14           | 160 00                 |
| 80,827           | Ocean Gem .....      | do .....          | 78       | John H. Ritcey <i>et al</i> .....        | Ritcey's Cove .....  | 13           | 156 00                 |
| 46,498           | Mariner .....        | do .....          | 56       | Saml. Risser <i>et al</i> .....          | do .....             | 8            | 112 00                 |
| 85,338           | Viola .....          | do .....          | 109      | Wm. L. Romkey .....                      | Lunenburg .....      | 14           | 160 00                 |
| 85,349           | Rise Over .....      | do .....          | 81       | William Smeltzer .....                   | do .....             | 15           | 160 00                 |
| 80,828           | Larkspur .....       | do .....          | 44       | J. D. Sperry .....                       | Petite Rivière ..... | 8            | 88 00                  |
| 77,621           | Gazelle .....        | do .....          | 46       | do .....                                 | do .....             | 8            | 92 00                  |
| 75,566           | Julia A. .....       | do .....          | 14       | Martin J. Sperry .....                   | West Dublin .....    | 4            | 28 00                  |
| 77,763           | Fanny Young .....    | do .....          | 85       | William C. Smith .....                   | Lunenburg .....      | 15           | 160 00                 |
| 75,562           | Acine .....          | do .....          | 75       | C. L. Silver .....                       | do .....             | 13           | 159 00                 |
| 80,837           | Pet .....            | do .....          | 69       | Leander Schwartz .....                   | do .....             | 13           | 138 00                 |
| 85,346           | Verbena .....        | do .....          | 78       | Henry Wilson .....                       | do .....             | 14           | 156 00                 |
| 81,174           | W. E. Young .....    | do .....          | 92       | do .....                                 | do .....             | 15           | 160 00                 |
| 69,173           | Ellen May .....      | do .....          | 61       | David Westhaver .....                    | Mahone Bay .....     | 12           | 121 00                 |
| 83,175           | A. K. Walter .....   | do .....          | 82       | Elias Walter .....                       | Lunenburg .....      | 15           | 160 00                 |
| 74,144           | Lily A. W. .....     | do .....          | 52       | Martin Westhaver .....                   | do .....             | 10           | 104 00                 |
| 83,485           | John M. Ingles ..... | Liverpool .....   | 79       | J. D. Sperry <i>et al</i> .....          | Petite Rivière ..... | 8            | 158 00                 |
| 85,347           | Brilliant .....      | Lunenburg .....   | 85       | John B. Young <i>et al</i> .....         | Lunenburg .....      | 14           | 160 00                 |
| 80,839           | Magnific .....       | do .....          | 69       | do .....                                 | do .....             | 13           | 138 00                 |
| 74,013           | Sybil .....          | do .....          | 77       | Zwicker & Co .....                       | do .....             | 13           | 151 00                 |
| 46,476           | Amiel Corkum .....   | do .....          | 53       | W. A. Zwicker <i>et al</i> .....         | do .....             | 9            | 106 00                 |
| 85,345           | Beatrice .....       | do .....          | 79       | do .....                                 | do .....             | 15           | 159 00                 |
| 85,648           | Druid .....          | do .....          | 95       | Arthur H. Zwicker .....                  | do .....             | 14           | 160 00                 |
| 75,908           | Pathfinder .....     | Halifax .....     | 66       | William H. Zwicker .....                 | Petite Rivière ..... | 12           | 132 00                 |
| 69,218           | Standard .....       | Lunenburg .....   | 77       | John Anderson .....                      | Lunenburg .....      | 15           | 154 00                 |
| 69,202           | Treasure .....       | do .....          | 76       | Benjamin Andersou .....                  | do .....             | 16           | 152 00                 |
| 74,132           | Springfield .....    | do .....          | 44       | James Conrad <i>et al</i> .....          | Rose Bay .....       | 10           | 89 00                  |
| 75,567           | Rosedale .....       | do .....          | 56       | Thomas Cook <i>et al</i> .....           | Ritcey's Cove .....  | 10           | 112 00                 |
| 77,601           | Atlas .....          | do .....          | 52       | William Silver <i>et al</i> .....        | do .....             | 14           | 104 00                 |
| 74,139           | Sadie .....          | do .....          | 43       | Thos. Greaser <i>et al</i> .....         | La Have .....        | 8            | 86 00                  |
| 83,140           | Araunah .....        | do .....          | 71       | Jas. E. Hunt & Co. .....                 | Lunenburg .....      | 12           | 141 00                 |
| 69,201           | W. Roger .....       | do .....          | 84       | Charles Hewitt .....                     | do .....             | 14           | 160 00                 |
| 69,175           | Dial .....           | do .....          | 44       | J. & G. Himmelman .....                  | South .....          | 8            | 88 00                  |
| 46,485           | Quick Step .....     | do .....          | 40       | Thos. Heckman <i>et al</i> .....         | do .....             | 10           | 80 00                  |
| 85,332           | Carrie McKay .....   | do .....          | 56       | Isaac Heckman sr.,<br><i>et al</i> ..... | Rose Bay .....       | 10           | 112 00                 |
| 77,622           | Pleasantville .....  | do .....          | 103      | Albert McKean <i>et al</i> .....         | do .....             | 17           | 160 00                 |
| 85,723           | Jesse A. Loye .....  | do .....          | 99       | Leonard Young <i>et al</i> .....         | Lunenburg .....      | 16           | 160 00                 |
| 59,489           | Sea Lily .....       | do .....          | 38       | Geo. Gerhart <i>et al</i> .....          | do .....             | 8            | 76 00                  |
| 89,493           | Escort .....         | do .....          | 59       | Thos. Greaser <i>et al</i> .....         | Lower LaHave .....   | 10           | 118 00                 |
| 75,563           | Petrel .....         | do .....          | 77       | George Nass .....                        | Lunenburg .....      | 14           | 151 00                 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*  
LUNENBURG COUNTY—*Continued.*

| Official Number. | Name of Vessel.     | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.     | No. of Crew. | Amount of Bounty Paid. |
|------------------|---------------------|-------------------|----------|----------------------------------|----------------|--------------|------------------------|
|                  |                     |                   |          |                                  |                |              | \$ cts.                |
| 85,635           | Vanilla .....       | Lunenburg.....    | 102      | John Ritcey <i>et al.</i> ...    | Ritcey's Cove. | 14           | 160 00                 |
| 83,133           | Regina B.....       | do .....          | 83       | Jacob Ritcey <i>et al.</i> ...   | do .....       | 14           | 160 00                 |
| 73,167           | Cordelia Vogler.... | Port Medway....   | 65       | Samuel Ritcey <i>et al.</i>      | La Have.....   | 13           | 130 00                 |
| 74,015           | Kohinoor.....       | Lunenburg .....   | 77       | Joseph Rudolph, jr.              | Lunenburg....  | 15           | 154 00                 |
| 85,636           | Prize.....          | do .....          | 91       | Abraham Smith .....              | Lunenburg....  | 15           | 160 00                 |
| 73,965           | Etta .....          | do .....          | 28       | Rupert Shoop.....                | do .....       | 7            | 66 00                  |
| 69,203           | R. W. Smith.....    | do .....          | 73       | Charles Smith <i>et al.</i>      | do .....       | 13           | 146 00                 |
| 69,184           | Laura May.....      | do .....          | 45       | Philip Shenkel.....              | LaHave.....    | 9            | 90 00                  |
| 74,011           | Lavinia.....        | do .....          | 71       | Albert Young.....                | Lunenburg....  | 14           | 142 00                 |
| 85,633           | Dido .....          | do .....          | 120      | William Young <i>et al.</i>      | do .....       | 14           | 160 00                 |
| 59,488           | Mary Young.....     | do .....          | 77       | do .....                         | do .....       | 13           | 154 00                 |
| 74,019           | Jewel.....          | do .....          | 52       | Leonard Young .....              | do .....       | 11           | 104 00                 |
| 85,631           | Forest Belle.....   | do .....          | 83       | do <i>et al.</i> .....           | do .....       | 14           | 160 00                 |
| 83,171           | Henrietta.....      | do .....          | 115      | do <i>et al.</i> .....           | do .....       | 18           | 160 00                 |
| 85,632           | Ocean Belle.....    | do .....          | 83       | do <i>et al.</i> .....           | do .....       | 14           | 160 00                 |
| 85,721           | Notice.....         | do .....          | 47       | James Bell <i>et al.</i> .....   | do .....       | 8            | 94 00                  |
| 74,118           | True Love.....      | Halifax.....      | 30       | John Bell.....                   | LaHave.....    | 8            | 60 00                  |
| 69,143           | Ariquipa.....       | do .....          | 36       | James S. Bell <i>et al.</i>      | do .....       | 8            | 72 00                  |
| 80,840           | Lettia May.....     | Lunenburg....     | 41       | Wm. Cleversey <i>et al.</i>      | do .....       | 8            | 82 00                  |
| 83,170           | Arthur.....         | do .....          | 122      | Saml. Corkum <i>et al.</i> ...   | do .....       | 16           | 160 00                 |
| 83,138           | May .....           | do .....          | 15       | James Collie.....                | .....          | 2            | 30 00                  |
| 69,140           | J. Croft.....       | Halifax.....      | 44       | Jacob Croft.....                 | West Dublin..  | 8            | 88 00                  |
| 75,571           | Fanny.....          | Lunenburg .....   | 16       | James Covey, sen....             | .....          | 4            | 32 00                  |
| 69,213           | May Fly.....        | do .....          | 12       | John Fralick.....                | LaHave .....   | 3            | 24 00                  |
| 85,727           | Jessie.....         | do .....          | 40       | James E. Hunt <i>et al.</i>      | do .....       | 9            | 80 00                  |
| 74,128           | Happy-go-Lucky....  | Port Medway....   | 35       | Hiram Hayward.....               | West Dublin..  | 8            | 70 00                  |
| 59,477           | Jeanet.....         | Lunenburg .....   | 41       | E. Hartlen <i>et al.</i> .....   | LaHave .....   | 10           | 82 00                  |
| 74,014           | Corsica.....        | do .....          | 79       | T. Kreser <i>et al.</i> .....    | .....          | 14           | 158 00                 |
| 75,565           | Ralph.....          | do .....          | 56       | Henry Kreser <i>et al.</i> ...   | .....          | 10           | 112 00                 |
| 75,576           | Minnie A.....       | do .....          | 41       | George Kreser <i>et al.</i>      | Ritcey Cove... | 9            | 82 00                  |
| 83,164           | Valiant.....        | do .....          | 88       | Eph. Lohnes <i>et al.</i> ...    | .....          | 14           | 160 00                 |
| 57,257           | W. L. Lohnes.....   | do .....          | 38       | William Lohnes.....              | LaHave .....   | 8            | 76 00                  |
| 83,136           | Eva Stewart.....    | do .....          | 103      | R. Mossman <i>et al.</i> ...     | Kingsburg....  | 14           | 160 00                 |
| 77,786           | Hesperus.....       | Port Medway....   | 16       | Lenoir Oxner <i>et al.</i> ...   | LaHave.....    | 7            | 32 00                  |
| 69,194           | River Queen.....    | Lunenburg....     | 51       | Nicholas Oxner <i>et al.</i>     | do .....       | 12           | 102 00                 |
| 75,569           | Empress.....        | do .....          | 47       | Simon Pentz <i>et al.</i> ...    | do .....       | 8            | 94 00                  |
| 77,607           | Dianthus.....       | do .....          | 45       | J. Parks, sen., <i>et al.</i>    | do .....       | 8            | 90 00                  |
| 85,637           | Energetic.....      | do .....          | 52       | W. N. Reinhardt <i>et al.</i>    | do .....       | 11           | 106 00                 |
| 80,829           | Florence B.....     | do .....          | 32       | Elias Richard.....               | do .....       | 9            | 64 00                  |
| 77,603           | Traveller.....      | do .....          | 55       | William Romkey....               | New Dublin...  | 10           | 110 00                 |
| 77,624           | Mary E.....         | do .....          | 69       | Geo. Romkey <i>et al.</i> ...    | do .....       | 13           | 138 00                 |
| 83,132           | Restless.....       | do .....          | 25       | W. N. Reinhardt <i>et al.</i>    | do .....       | 7            | 50 00                  |
| 69,200           | Vesta.....          | do .....          | 64       | Jas. Publicover <i>et al.</i>    | do .....       | 12           | 124 00                 |
| 83,173           | Maggie Smith.....   | do .....          | 83       | Thos. Smith <i>et al.</i> ...    | La Have.....   | 15           | 160 00                 |
| 74,142           | Mary A.....         | do .....          | 45       | Albert Smith <i>et al.</i> ...   | do .....       | 8            | 90 00                  |
| 69,212           | Dahlia.....         | do .....          | 94       | John Shankle <i>et al.</i> ...   | do .....       | 15           | 160 00                 |
| 80,831           | Glide.....          | do .....          | 16       | J. W. Sperry <i>et al.</i> ...   | .....          | 5            | 32 00                  |
| 74,131           | City Queen.....     | do .....          | 53       | John Broom <i>et al.</i> ...     | Mahone Bay...  | 10           | 105 00                 |
| 85,642           | Charlotte E. E..... | do .....          | 79       | W. A. Colp <i>et al.</i> ...     | do .....       | 16           | 158 00                 |
| 85,644           | Flora.....          | do .....          | 41       | A. Chisholm <i>et al.</i> ...    | do .....       | 8            | 82 00                  |
| 85,634           | New England.....    | do .....          | 58       | Nathan Hiltz <i>et al.</i> ...   | do .....       | 10           | 116 00                 |
| 83,180           | Friend.....         | do .....          | 17       | George A. Hubley....             | .....          | 4            | 34 00                  |
| 80,833           | Josephine W.....    | do .....          | 59       | Timothy Hebb <i>et al.</i>       | Mahone Bay...  | 9            | 118 00                 |
| 75,561           | Boreas.....         | do .....          | 41       | E. & J. Hiltz.....               | Indian Point.. | 9            | 82 00                  |
| 59,475           | Jessen.....         | do .....          | 69       | Aaron Hyson.....                 | Mahone Bay...  | 12           | 138 00                 |
| 77,756           | Hiawatha.....       | Shelburne.....    | 66       | Cornelius Hardy....              | do .....       | 14           | 132 00                 |
| 77,619           | Milford Grey.....   | Lunenburg....     | 60       | Henry Mader <i>et al.</i> ...    | .....          | 12           | 120 00                 |
| 35,748           | British Eagle.....  | Halifax.....      | 44       | Benj. Mason <i>et al.</i> ...    | .....          | 10           | 88 00                  |
| 69,174           | Ida May.....        | Lunenburg....     | 46       | J. Smeltzer <i>et al.</i> ...    | Mahone Bay...  | 10           | 92 00                  |
| 85,650           | Golden Arrow.....   | do .....          | 27       | Wil. A. Pickles.....             | do .....       | 6            | 54 00                  |
| 42,289           | Debel.....          | do .....          | 51       | J. Smeltzer <i>et al.</i> ...    | do .....       | 10           | 102 00                 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*  
LUNENBURG COUNTY—*Concluded.*

| Official Number. | Name of Vessel.     | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.      | No. of Crew. | Amount of Bounty Paid. |
|------------------|---------------------|-------------------|----------|----------------------------------|-----------------|--------------|------------------------|
| 57,688           | River Dale .....    | Lunenburg....     | 48       | Nat. Strum <i>et al.</i> ....    | Mahone Bay...   | 8            | \$ 96 00               |
| 85,333           | Emperor .....       | do .....          | 51       | Reub. Venaud <i>et al</i>        | do .....        | 10           | 102 00                 |
| 77,617           | J. W. Russell.....  | do .....          | 53       | Benj. Westhaver....              | do .....        | 10           | 108 00                 |
| 83,139           | Ocean Friend.....   | do .....          | 78       | Thos. Langille <i>et al</i>      | do .....        | 12           | 166 00                 |
| 75,670           | Olive Branch.....   | do .....          | 14       | John Church <i>et al.</i>        | do .....        | 4            | 28 00                  |
| 69,191           | Quick Step.....     | Halifax .....     | 25       | Wm. C. Chandler..                | do .....        | 5            | 50 00                  |
| 69,187           | Queen of the Fleet. | Lunenburg....     | 46       | N. W. Keddy <i>et al.</i>        | Chester Basin.  | 10           | 92 00                  |
| 74,080           | J. A. Kirk.....     | Halifax .....     | 16       | Henry Hutt <i>et al.</i> ..      | Tancook .....   | 3            | 32 00                  |
| 77,609           | Emma May .....      | Lunenburg....     | 20       | Charles E. Nass....              | Chester .....   | 7            | 40 00                  |
| 57,269           | J. H. Hiltz .....   | do .....          | 56       | Levi Oxner .....                 | do .....        | 10           | 112 00                 |
| 74,150           | J. P. Corkum.....   | do .....          | 16       | Ed. Slaunwhite....               | do .....        | 5            | 32 00                  |
| 80,853           | Fearnot .....       | do .....          | 91       | James Conrad.....                | Park's Creek..  | 15           | 160 00                 |
| 85,649           | Cyrene .....        | do .....          | 107      | Isaac Corkum .....               | La Have.....    | 15           | 160 00                 |
| 75,779           | John Millard.....   | do .....          | 68       | Amiel Corkum.....                | do .....        | 12           | 136 00                 |
| 69,179           | Snow Queen .....    | Halifax .....     | 55       | Eleazear Corkum...               | do .....        | 10           | 110 00                 |
| 85,336           | Alice .....         | Lunenburg....     | 116      | James Ross .....                 | Bridgewater...  | 15           | 160 00                 |
| 57,248           | Adonis .....        | do .....          | 48       | Daniel Schrader....              | La Have.....    | 12           | 96 00                  |
| 80,825           | Bridgewater .....   | do .....          | 69       | William Sarty.....               | Pleasantville . | 10           | 120 00                 |
| 83,178           | Volant .....        | do .....          | 41       | Edward Weagle....                | Summerside ..   | 8            | 82 00                  |
| 37,614           | Armada .....        | do .....          | 45       | John Wentzel .....               | Pleasantville . | 8            | 90 00                  |
| 54,156           | British Lady .....  | Halifax .....     | 18       | William Baker.....               | Tancook Isl'nd  | 3            | 36 00                  |
| 85,738           | Emmot .....         | Lunenburg....     | 13       | James F. Boutillier.             | Bayswater.....  | 3            | 26 00                  |
| 85,646           | Maude .....         | do .....          | 15       | Amos Fleet <i>et al.</i> ..      | Blandford ..... | 5            | 30 00                  |
| 75,578           | Wiley .....         | do .....          | 13       | James E. Morash...               | West Dover....  | 5            | 26 00                  |
| 37,532           | Emerald .....       | do .....          | 27       | John D. Publicover               | Blandford ..... | 8            | 54 00                  |
| 80,826           | Rosemay.....        | do .....          | 74       | Jacob B. Sarty <i>et al</i>      | La Have.....    | 12           | 148 00                 |
| 75,580           | Violet.....         | do .....          | 59       | David Smith <i>et al.</i> ..     | Lunenburg. ...  | 13           | 118 00                 |

PICTOU COUNTY.

|        |                   |              |    |                    |               |   |       |
|--------|-------------------|--------------|----|--------------------|---------------|---|-------|
| 75,888 | Annie.....        | Pictou ..... | 22 | C. Dwyer .....     | Pictou .....  | 3 | 44 00 |
| 38,510 | Lily .....        | do .....     | 18 | Thomas Tanner..... | do .....      | 3 | 36 00 |
| 73,108 | May Queen.....    | Halifax..... | 46 | Duncan Fraser..... | Cariboo ..... | 4 | 92 00 |
| 75,882 | Lord McDonald.... | Pictou.....  | 15 | Donald McDonald..  | Pictou .....  | 3 | 30 00 |

QUEEN'S COUNTY.

|        |                    |                |     |                             |                |    |        |
|--------|--------------------|----------------|-----|-----------------------------|----------------|----|--------|
| 61,838 | Amazon .....       | Port Medway.   | 41  | John Hutt .....             | Port Medway.   | 13 | 82 00  |
| 54,227 | Alberton .....     | Halifax.....   | 29  | do .....                    | do .....       | 10 | 58 00  |
| 75,782 | Hattie, E.....     | Port Medway.   | 35  | Henry Selig .....           | Vogler's Cove  | 11 | 70 00  |
| 85,344 | Donzella .....     | Lunenburg....  | 118 | Adam Selig .....            | do .....       | 20 | 160 00 |
| 83,383 | James Ryan.....    | Port Medway.   | 48  | Simeon Cohoon <i>et al</i>  | E. Pt Medway   | 10 | 96 00  |
| 77,790 | Percy Roy .....    | do .....       | 48  | Cohoon, Saker & Co          | do .....       | 13 | 96 00  |
| 75,785 | Village Belle..... | do .....       | 55  | Samuel E. Teel....          | Vogler's Cove  | 15 | 110 00 |
| 80,838 | Ocean Bride.....   | Lunenburg....  | 19  | S. & E. Clatinburg.         | do .....       | 6  | 38 00  |
| 77,787 | Rescue .....       | Port Medway.   | 20  | James Mann .....            | do .....       | 7  | 40 00  |
| 83,306 | I O. N. A. ....    | do .....       | 26  | William Vogler .....        | do .....       | 10 | 52 00  |
| 75,762 | May Queen.....     | Liverpool..... | 17  | E. E. Letson .....          | Port Medway..  | 5  | 34 00  |
| 61,544 | Emma Jane.....     | Shelburne...   | 15  | John H. Smith <i>et al</i>  | Port Mouton... | 3  | 30 00  |
| 66,722 | C. Averett .....   | Liverpool..... | 19  | Jas. H. Smith <i>et al.</i> | Brooklyn.....  | 8  | 38 00  |
| 75,778 | Coronila .....     | do .....       | 64  | do do                       | do .....       | 9  | 128 00 |
| 73,962 | Willie B. ....     | do .....       | 39  | James Buchanan ...          | do .....       | 8  | 78 00  |
| 83,492 | Dessie.....        | do .....       | 11  | Colin McLeod.....           | do .....       | 3  | 22 00  |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*QUEEN'S COUNTY—*Concluded.*

| Official Number. | Name of Vessel.    | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.      | No. of Crew | Amount of Bounty Paid. |
|------------------|--------------------|-------------------|----------|----------------------------------|-----------------|-------------|------------------------|
| 36,489           | J. W. Mullock..... | Lunenburg ....    | 43       | Enos McLeod <i>et al.</i> ..     | Brooklyn .....  | 9           | 86 00                  |
| 75,764           | Kestrel .....      | Liverpool .....   | 70       | do do .....                      | do .....        | 14          | 140 00                 |
| 76,767           | J. C. Dakin .....  | do .....          | 30       | Anderson & Bill ...              | Liverpool ..... | 7           | 60 09                  |
| 83,487           | Avance .....       | do .....          | 64       | R. H. Gardner <i>et al.</i>      | Brooklyn .....  | 15          | 128 00                 |
| 64,917           | Magenta .....      | do .....          | 20       | Samuel Dexter <i>et al.</i>      | do .....        | 7           | 40 00                  |
| 83,161           | Eva L. ....        | Lunenburg ....    | 55       | Jeffry Publicover...             | La Have .....   | 7           | 110 00                 |
| 83,308           | Ella .....         | Port Medway ..    | 10       | Sylvanus Morton ...              | Liverpool ..... | 3           | 20 00                  |
| 51,777           | Zaide ° .....      | Liverpool .....   | 55       | Jas. C. Inness <i>et al.</i>     | do .....        | 11          | 110 00                 |

## RICHMOND COUNTY.

|        |                      |                 |    |                               |                 |    |       |
|--------|----------------------|-----------------|----|-------------------------------|-----------------|----|-------|
| 38,650 | Adele .....          | Sydney .....    | 18 | Albert Poste .....            | Jersey Island.. | 4  | 36 00 |
| 77,544 | Alpha .....          | Arichat .....   | 42 | William Levisconte            | D'Escouse ..... | 9  | 84 00 |
| 74,116 | Fama .....           | Halifax .....   | 44 | do do .....                   | do .....        | 8  | 88 60 |
| 38,498 | Appoline.....        | Arichat .....   | 40 | do do .....                   | do .....        | 8  | 80 00 |
| 36,521 | Shooting Star.....   | Arichat .....   | 32 | Wm. Levisconte .....          | D'Escouse.....  | 9  | 64 00 |
| 37,512 | Sea Slipper .....    | Lunenburg ..... | 41 | Patient Poirier.....          | .....           | 10 | 82 00 |
| 36,435 | Mary Stephens.....   | Arichat .....   | 31 | do .....                      | .....           | 9  | 62 00 |
| 42,281 | Renfrew .....        | Halifax .....   | 41 | Simon Poirier, <i>et al.</i>  | .....           | 9  | 82 00 |
| 38,459 | Mary Ann .....       | Arichat .....   | 29 | Desiré Poirier .....          | L'r D'Escouse.  | 8  | 58 00 |
| 61,902 | Morning Star.....    | Halifax .....   | 35 | John Mauger .....             | do .....        | 9  | 70 00 |
| 72,058 | Daisy .....          | Arichat .....   | 34 | Simon P. Richard...           | Arichat.....    | 4  | 68 00 |
| 38,485 | Ajax .....           | do .....        | 40 | John Boudrot .....            | D'Escouse.....  | 10 | 80 00 |
| 38,400 | Mary .....           | do .....        | 24 | Henry Boudrot, sen            | Poulamond ...   | 9  | 48 00 |
| 46,294 | Janette .....        | Halifax .....   | 30 | D. Gruchy & Son...            | D'Escouse.....  | 8  | 60 00 |
| 46,082 | Mary .....           | Hawkesbury...   | 43 | do do .....                   | do .....        | 11 | 86 00 |
| 35,996 | Blue Bell .....      | Arichat .....   | 25 | do do .....                   | do .....        | 9  | 50 00 |
| 72,070 | Lennox .....         | do .....        | 46 | do do .....                   | do .....        | 11 | 92 00 |
| 42,388 | Nimble .....         | Halifax .....   | 45 | do do .....                   | do .....        | 9  | 90 00 |
| 75,616 | Eliza Jane .....     | Shelburne ..... | 22 | Alex. Vigueau .....           | Arichat .....   | 3  | 44 00 |
| 54,134 | Morning Star .....   | Halifax .....   | 21 | John Landry .....             | Petit de Grat.  | 3  | 42 00 |
| 43,109 | Chatham Head.....    | Chatham, N.B    | 24 | O. Fongère, sen ...           | Poulamond ...   | 9  | 48 00 |
| 64,713 | Amelia M. ....       | Hawkesbury...   | 13 | David Lavache .....           | Arichat .....   | 3  | 26 00 |
| 72,075 | Peggy .....          | Arichat .....   | 15 | Martin Sampson ...            | L'r. D'Escouse  | 4  | 30 00 |
| 38,462 | The Partners .....   | do .....        | 26 | Thos. & A. Sampson            | Riv. Bourgeois  | 7  | 52 00 |
| 69,109 | Marcella Butler..... | Halifax .....   | 38 | Fabien Fongère.....           | do .....        | 8  | 76 00 |
| 38,414 | Philomel .....       | Arichat .....   | 26 | M. Dugas, <i>et al.</i> ..... | do .....        | 8  | 52 00 |
| 38,486 | Julia .....          | do .....        | 20 | Louis Bourke, <i>et al.</i>   | do .....        | 6  | 40 00 |
| 38,413 | Morning Star .....   | do .....        | 25 | Amiable Potty .....           | do .....        | 8  | 50 00 |
| 80,972 | John Vincin .....    | Sydney .....    | 17 | David Sampson .....           | do .....        | 6  | 34 00 |
| 72,071 | Lumen Diei .....     | Arichat .....   | 17 | Urbain Sampson ...            | do .....        | 6  | 34 00 |
| 38,480 | Two Brothers .....   | do .....        | 32 | Simon Landry .....            | do .....        | 8  | 64 00 |
| 72,067 | Philomen D. ....     | do .....        | 22 | Desiré Dugas, <i>et al.</i>   | do .....        | 8  | 44 00 |
| 77,843 | Elizabeth .....      | Halifax .....   | 30 | Charles P. Martel...          | do .....        | 7  | 60 00 |
| 38,515 | Kate B. ....         | Arichat .....   | 35 | Wm. Urquhart .....            | do .....        | 9  | 70 00 |
| 36,483 | Harvest Home .....   | do .....        | 29 | do do .....                   | do .....        | 8  | 58 00 |
| 38,481 | G. H. B. ....        | do .....        | 36 | Fred. W. Bisset.....          | Arichat .....   | 8  | 72 00 |
| 38,335 | Elizabeth .....      | do .....        | 17 | D. Boucher, <i>et al.</i> ..  | do .....        | 6  | 34 00 |
| 75,710 | Hortense .....       | Sydney .....    | 12 | J. Monberquette...            | L'Ardoise ..... | 3  | 24 00 |
| 38,523 | Victoria .....       | Arichat .....   | 24 | Peter Burke .....             | French Cove...  | 6  | 48 00 |
| 38,521 | Annie Laurie .....   | do .....        | 44 | J. Morrison, W. W.            | .....           | 9  | 88 00 |
| 37,574 | Commodore .....      | Halifax .....   | 41 | W. E. Morrison .....          | .....           | 8  | 82 00 |
| 72,068 | Mary L. ....         | Arichat .....   | 18 | Peter Landry, sen             | French Cove...  | 6  | 36 00 |
| 59,454 | Good Templar.....    | Halifax .....   | 22 | Henry Cook .....              | L'Ardoise ..... | 7  | 44 00 |
| 83,401 | E. M. McDonald ...   | do .....        | 14 | M. A. McDonald.               | Framboise.....  | 4  | 28 00 |
| 41,925 | Euxine .....         | Arichat .....   | 38 | D. N. Shaw .....              | L'Ardoise ..... | 8  | 76 00 |
| 69,190 | Emma .....           | do .....        | 46 | Joseph Matheson ...           | .....           | 10 | 92 00 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*  
RICHMOND COUNTY—*Concluded.*

| Official Number. | Name of Vessel.    | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.     | No. of Crew. | Amount of Bounty Paid. |
|------------------|--------------------|-------------------|----------|----------------------------------|----------------|--------------|------------------------|
|                  |                    |                   |          |                                  |                |              | \$ cts.                |
| 83,098           | Sisters .....      | Chatham, N.B.     | 13       | John Walker .....                | R. Inhabitants | 3            | 26 00                  |
| 83,090           | Good Intent .....  | Pt. Hawkesb'y     | 22       | George W. Walker.                | do ...         | 3            | 44 00                  |
| 61,630           | Susan .....        | do ...            | 15       | Murdoch Hureau...                | do ...         | 2            | 30 00                  |
| 36,340           | Lord Lyons .....   | Halifax .....     | 57       | Peter Malcolm .....              | Cariboo Cove.  | 13           | 114 00                 |
| 38,477           | Elizabeth .....    | do .....          | 51       | Robert Proctor ....              | R. Inhabitants | 6            | 102 00                 |
| 38,522           | Mary .....         | Arichat .....     | 18       | John Burke, <i>et al.</i> ...    | Riv. Bourgeois | 7            | 36 00                  |
| 38,501           | B. Wier & Co. .... | do .....          | 23       | Isiah Boudrot, <i>et al.</i>     | do ...         | 8            | 46 00                  |
| 54,139           | Ocean Belle .....  | do .....          | 19       | Abram Fougère .....              | do ...         | 7            | 38 00                  |
| 36,439           | Catherine .....    | Halifax .....     | 20       | Michael Boudrot .....            | do ...         | 7            | 40 00                  |
| 61,990           | Union .....        | Arichat .....     | 20       | Désiré Bourque, <i>et al.</i>    | do ...         | 7            | 40 00                  |
| 72,061           | C. P. M. ....      | Halifax .....     | 20       | Felix Burke .....                | do ...         | 7            | 40 00                  |
| 72,048           | Neptune .....      | Arichat .....     | 22       | Désire Burke .....               | do ...         | 7            | 44 00                  |
| 72,047           | Mary Moulton ..... | do .....          | 26       | Charles Boudrot .....            | do ...         | 7            | 52 00                  |
| 38,516           | Lady of the Lake   | do .....          | 26       | A. Fougère, <i>et al.</i> ...    | do ...         | 8            | 52 00                  |
| 72,072           | Lady Fougère ..... | do .....          | 11       | C. Dugas, <i>et al.</i> ....     | do ...         | 7            | 52 00                  |
| 38,326           | Harriet .....      | do .....          | 26       | Docite Fougère .....             | do ...         | 4            | 22 00                  |
|                  |                    |                   |          | Charles Boudrot .....            | Arichat West.  | 3            | 52 00                  |

SHELBURNE COUNTY.

|        |                        |                 |     |                               |                 |    |        |
|--------|------------------------|-----------------|-----|-------------------------------|-----------------|----|--------|
| 83,043 | Ella A. Downie .....   | Shelburne ..... | 73  | Johnson & Churchill           | Lockeport ..... | 14 | 146 00 |
| 75,623 | Grace Greenwood .....  | do .....        | 88  | do .....                      | do .....        | 12 | 160 00 |
| 74,368 | Maggie Roach .....     | do .....        | 44  | do .....                      | do .....        | 10 | 88 60  |
| 61,589 | Creolian .....         | do .....        | 94  | do .....                      | do .....        | 16 | 160 00 |
| 77,761 | Knight Templar .....   | do .....        | 90  | do .....                      | do .....        | 17 | 160 00 |
| 74,366 | Bel Brandon .....      | do .....        | 99  | do .....                      | do .....        | 14 | 160 00 |
| 75,615 | Lydia Robertson .....  | do .....        | 53  | do .....                      | do .....        | 13 | 166 00 |
| 85,479 | Alina .....            | do .....        | 91  | Churchill & Locke.            | do .....        | 18 | 160 00 |
| 77,749 | Orange Grove .....     | do .....        | 82  | do .....                      | do .....        | 18 | 160 00 |
| 77,751 | Flora Dell .....       | do .....        | 62  | do .....                      | do .....        | 15 | 124 60 |
| 75,628 | Rover .....            | do .....        | 101 | Jon. & Enos Locke.            | do .....        | 19 | 160 00 |
| 61,581 | Augusta Smith .....    | do .....        | 84  | do .....                      | do .....        | 15 | 160 00 |
| 83,354 | Ardella .....          | do .....        | 93  | do .....                      | do .....        | 17 | 160 00 |
| 83,046 | Millie B. ....         | do .....        | 88  | C. Locke & Co. ....           | do .....        | 16 | 160 00 |
| 85,483 | Sarah H. Seaton .....  | do .....        | 95  | do .....                      | do .....        | 15 | 160 00 |
| 61,592 | J. C. Williams .....   | do .....        | 29  | Sam. Locke & Sons             | do .....        | 9  | 58 00  |
| 77,748 | Win fred .....         | do .....        | 84  | do .....                      | do .....        | 15 | 160 00 |
| 75,624 | Divina .....           | do .....        | 53  | Austin Locke .....            | do .....        | 12 | 106 00 |
| 77,759 | Thomas Robertson ..... | do .....        | 66  | do .....                      | do .....        | 16 | 132 00 |
| 83,047 | Festina Lente .....    | do .....        | 80  | do .....                      | do .....        | 15 | 160 00 |
| 61,594 | Keewatin .....         | do .....        | 96  | do .....                      | do .....        | 16 | 160 00 |
| 75,617 | Albert .....           | do .....        | 46  | do .....                      | do .....        | 13 | 92 00  |
| 61,586 | Cepola .....           | do .....        | 100 | do .....                      | do .....        | 16 | 160 00 |
| 83,060 | Nellie' Morrow .....   | do .....        | 88  | Jacob Locke .....             | do .....        | 16 | 160 00 |
| 83,052 | Nautilus .....         | do .....        | 11  | do .....                      | do .....        | 6  | 22 00  |
| 75,620 | Cordelia .....         | do .....        | 14  | do .....                      | do .....        | 7  | 28 00  |
| 74,337 | May .....              | do .....        | 27  | Fredk. D. Locke .....         | do .....        | 8  | 54 00  |
| 85,478 | Glenora .....          | do .....        | 75  | Samuel Locke <i>et al.</i>    | do .....        | 13 | 150 00 |
| 54,114 | Lone Star .....        | Halifax .....   | 29  | Jas. Hardy & Bros             | do .....        | 9  | 58 00  |
| 83,045 | Willie Freeman .....   | Shelburne ..... | 104 | S. Freeman & Co. ...          | Jordan River .  | 22 | 160 00 |
| 85,482 | Angola .....           | Liverpool ..... | 91  | do .....                      | do .....        | 10 | 160 00 |
| 61,516 | Dunkeith .....         | Shelburne ..... | 59  | Sutcliffe Decker .....        | Jordan Bay ...  | 13 | 118 00 |
| 61,916 | Only Son .....         | Liverpool ..... | 16  | Stronach Decker <i>et al.</i> | do .....        |    |        |
| 77,770 | Gowan Gem .....        | Shelburne ..... | 29  | Daniel Swim .....             | Ragged Island   | 6  | 32 00  |
| 85,480 | M. & A. Morrison ..... | do .....        | 88  | Donald Morrison .....         | Little Harbor.  | 9  | 58 00  |
| 86,481 | Beulah .....           | do .....        | 107 | R. W. Freeman .....           | Jordan Bay .... | 18 | 160 00 |
| 73,967 | Katie .....            | Liverpool ..... | 14  | Daniel Cronan .....           | do .....        | 16 | 160 00 |
|        |                        |                 |     |                               | Lockeport ..... | 4  | 28 00  |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, etc.—Nova Scotia—*Con.*  
SHELBURNE COUNTY—*Continued.*

| Official Number. | Name of Vessel.     | Port of Registry. | Tonnage. | Name of owner or Managing owner. | Residence.     | No. of Crew. | Amount of Bounty Paid. |
|------------------|---------------------|-------------------|----------|----------------------------------|----------------|--------------|------------------------|
| 77,744           | Whip-poor-Will      | Shelburne         | 15       | Alfred Harding                   | Bagged Island  | 6            | \$ cts.<br>30 00       |
| 83,081           | Keelsea             | do                | 31       | John B Harding                   | do             | 7            | 62 00                  |
| 74,965           | Nova Stella         | do                | 53       | Wm Lloyd, jun.                   | Lockeport      | 12           | 106 00                 |
| 77,746           | Magellan Cloud      | do                | 89       | John H. Thorburn                 | Jordan Bay     | 16           | 160 00                 |
| 61,983           | Anna Bella          | Halifax           | 22       | O. W. Hopkins <i>et al</i>       | Barrington     | 6            | 44 00                  |
| 77,603           | Eldon C.            | Barrington        | 26       | John E. Hopkins                  | do             | 7            | 52 00                  |
| 74,387           | Stella              | do                | 30       | J. C. Crowell <i>et al.</i>      | do             | 7            | 60 00                  |
| 61,905           | Champion            | Liverpool         | 14       | Frank Hopkins <i>et al</i>       | do             | 6            | 28 00                  |
| 75,559           | Surprise            | Barrington        | 12       | Nathan C. Hopkins                | do             | 4            | 24 00                  |
| 77,032           | Arthur              | Yarmouth          | 21       | T. D. Crowell <i>et al.</i>      | Shag Harbor    | 11           | 42 00                  |
| 77,831           | Minnie Currie       | Barrington        | 60       | E. Crowell <i>et al.</i>         | Cape Sable I'd | 15           | 120 00                 |
| 75,550           | Martine             | do                | 11       | Andrew Crowell                   | Wood's Harb'r  | 3            | 22 00                  |
| 71,386           | Lightfoot           | do                | 16       | Wm. Swaine                       | Bear Point     | 8            | 32 00                  |
| 75,558           | Emma B.             | do                | 93       | Peter C. Swim <i>et al</i>       | do             | 20           | 160 00                 |
| 74,051           | Kate McKinnon       | do                | 73       | Randall McKinnon                 | Cape Sable I'd | 18           | 146 00                 |
| 74,053           | Peerless            | do                | 57       | J. C. Cunningham                 | Barrington     | 13           | 114 00                 |
| 57,263           | J. Fraser           | Lunenburg         | 39       | do                               | do             | 11           | 78 00                  |
| 38,438           | Highlander          | Shelburne         | 32       | A. M. Wrayton                    | Emerald Isle.  | 5            | 64 00                  |
| 38,167           | Zoff                | Yarmouth          | 37       | Henry Atwood                     | Bear Point     | 11           | 74 00                  |
| 74,133           | Pioneer             | do                | 92       | Peter Kenny                      | Cape Isle.     | 18           | 160 00                 |
| 66,699           | J. W. Kenney        | do                | 52       | Alf. Kenney <i>et al</i>         | Barrington     | 15           | 104 00                 |
| 55,830           | Oregon              | Shelburne         | 20       | S. L. Banks                      | do             | 3            | 40 00                  |
| 77,618           | May Queen           | Barrington        | 34       | John N. Banks                    | do             | 4            | 68 00                  |
| 75,552           | Hannah Eldridge     | do                | 57       | Nehemiah McGray                  | do             | 14           | 114 00                 |
| 85,561           | Cape Sable          | do                | 90       | do                               | do             | 18           | 160 00                 |
|                  | Jackdaw             | do                | 15       | John Lyons                       | do             | 3            | 30 00                  |
| 75,543           | God Seeker          | Barrington        | 29       | Nehm Banks <i>et al.</i>         | Barrington     | 8            | 58 00                  |
| 61,572           | John Halifax        | Shelburne         | 63       | Orlando Taylor                   | Port La Tour   | 13           | 126 00                 |
| 71,333           | Freddie M. Reynolds | Barrington        | 34       | Cornelius Snow                   | do             | 10           | 58 00                  |
| 55,866           | Ann Hiltz           | Liverpool         | 16       | Har. D. Smith <i>et al.</i>      | Port La Tour   | 4            | 32 00                  |
| 37,523           | Snow Drop           | do                | 29       | James Snow                       | do             | 7            | 58 00                  |
| 61,592           | Mina Belle          | Shelburne         | 42       | do                               | do             | 10           | 84 00                  |
| 61,528           | Lilian              | do                | 40       | Edward Crowell                   | do             | 7            | 80 00                  |
| 55,826           | Lily of Clyde       | do                | 61       | Geo. T. Hagar <i>et al</i>       | N. E. Harbor   | 12           | 122 00                 |
| 71,339           | Joe Howe            | Barrington        | 12       | Christian Nelson                 | Port Clyde     | 3            | 24 00                  |
| 74,054           | Laura E. Douglas    | do                | 39       | James D. Coffin                  | Clyde          | 8            | 78 00                  |
| 85,562           | Oresa               | do                | 14       | Edward E. McLean                 | Port Saxon     | 5            | 28 00                  |
| 85,484           | Meliorae            | Shelburne         | 100      | Geo. J. Thorburne                | Shelburne      | 12           | 160 00                 |
| 55,645           | Angus Grant         | do                | 70       | E. P. Thorburne                  | do             | 13           | 140 00                 |
| 85,476           | Fleetwing           | do                | 11       | L. T. Hammond <i>et al</i>       | Jordan Bay     | 4            | 22 00                  |
| 85,477           | Myrtle              | do                | 91       | Joseph McGill <i>et al</i>       | Shelburne      | 15           | 160 00                 |
| 83,050           | Belmont             | do                | 53       | do                               | do             | 9            | 106 00                 |
| 77,762           | Bridget Ann         | do                | 52       | John Purney                      | do             | 12           | 104 00                 |
| 61,566           | John Purney         | do                | 66       | do                               | do             | 15           | 132 00                 |
| 75,626           | Sylph               | do                | 76       | R. H. Bohnan                     | do             | 12           | 152 00                 |
| 83,048           | Clifford            | do                | 88       | J. A. McGowan, jun               | do             | 18           | 160 00                 |
| 77,758           | Bride               | do                | 78       | do <i>et al</i>                  | do             | 13           | 156 00                 |

VICTORIA COUNTY.

|        |             |               |    |                |                 |   |        |
|--------|-------------|---------------|----|----------------|-----------------|---|--------|
| 80,917 | Mary Jane   | Charlottetown |    | H. A. McLeod   | New Haven       | 9 | 112 00 |
| 61,617 | Eva May     | P. E. I.      | 56 | Norman McLeod  | St. Peter's     | 5 | 68 00  |
| 73,976 | Shaughran   | Guysboro'     | 29 | Abraham Harris | Ingonish        | 7 | 84 00  |
| 54,169 | Flying Mist | Liverpool     | 42 | H. F. Baker    | do              | 4 | 36 00  |
| 77,844 | May Flower  | Digby         | 18 | William Carey  | New Campbellton | 5 | 30 00  |
| 74,052 | Lightfoot   | Halifax       | 15 | William Hawley | Ingonish        | 7 | 112 00 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c., Nova Scotia.—*Con.*  
VICTORIA COUNTY—*Concluded.*

| Official Number. | Name of Vessel.      | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.    | No. of Crew. | Amount of Bounty Paid. |
|------------------|----------------------|-------------------|----------|----------------------------------|---------------|--------------|------------------------|
| 36,264           | Express.....         | Halifax.....      | 16       | Richard Palmer....               | Tête du Hibon | 4            | \$ cts.<br>32 00       |
| 77,858           | Sambo.....           | Sydney.....       | 14       | John G. Morrison...              | do            | 3            | 28 00                  |
| 61,840           | Pigeon.....          | Yarmouth.....     | 33       | Hatfield, Kinney & C             | Yarmouth..... | 12           | 66 00                  |
| 51,999           | Azora.....           | do.....           | 54       | do                               | do            | 18           | 108 00                 |
| 61,587           | Lucretia Jane.....   | do.....           | 88       | do                               | do            | 13           | 160 00                 |
| 80,629           | Winnie L.....        | do.....           | 100      | do                               | do            | 15           | 160 00                 |
| 71,010           | Mariner's Guide..... | do.....           | 35       | do                               | do            | 13           | 70 00                  |
| 74,334           | J. M. Manning.....   | do.....           | 56       | do                               | do            | 16           | 112 00                 |
| 61,788           | Lynx.....            | do.....           | 59       | do                               | do            | 18           | 118 00                 |
| 80,782           | Titania.....         | do.....           | 52       | do                               | do            | 19           | 104 00                 |
| 74,335           | Safe.....            | do.....           | 35       | do                               | do            | 13           | 70 00                  |
| 50,591           | Water Lily.....      | do.....           | 71       | do                               | do            | 18           | 142 00                 |
| 74,330           | Nokomis.....         | do.....           | 67       | do                               | do            | 14           | 134 00                 |
| 83,053           | Kathleen.....        | Shelburne.....    | 117      | do                               | do            | 16           | 160 00                 |
| 80,648           | Maria.....           | Yarmouth.....     | 109      | do                               | do            | 17           | 160 60                 |
| 80,628           | Roseneath.....       | do.....           | 110      | Byron Hines.....                 | Pubnico.....  | 17           | 160 00                 |
| 75,749           | Vivia.....           | do.....           | 43       | Parker, Eakins & Co              | Yarmouth..... | 14           | 86 00                  |
| 75,711           | Angeline.....        | do.....           | 67       | do                               | do            | 14           | 134 00                 |
| 75,720           | Florence B. Parr...  | do.....           | 90       | do                               | do            | 15           | 160 00                 |
| 74,320           | Brenton.....         | do.....           | 70       | do                               | do            | 12           | 140 00                 |
| 75,733           | Alfred.....          | do.....           | 46       | do                               | do            | 12           | 92 00                  |
| 75,867           | Ida Peters.....      | St. John, N.B.    | 32       | do                               | do            | 7            | 64 00                  |
| 80,645           | Opal.....            | Yarmouth.....     | 97       | do                               | do            | 16           | 160 00                 |
| 71,031           | Sarah Jane Killam.   | do.....           | 51       | A. F. Stoneman & Co              | do            | 18           | 102 00                 |
| 57,134           | Margaret Elizabeth   | do.....           | 45       | do                               | do            | 17           | 90 00                  |
| 69,217           | Ohlorus.....         | do.....           | 57       | do                               | do            | 12           | 114 00                 |
| 68,685           | Wide Awake.....      | do.....           | 77       | do                               | do            | 13           | 154 00                 |
| 74,325           | Laura Gertrude.....  | do.....           | 47       | do                               | do            | 11           | 94 00                  |
| 61,790           | Twilight.....        | do.....           | 58       | do                               | do            | 12           | 116 00                 |
| 80,644           | Beatrice.....        | do.....           | 100      | do                               | do            | 16           | 160 00                 |
| 51,978           | Pandora.....         | do.....           | 57       | do                               | do            | 17           | 114 00                 |
| 75,754           | E. L. Perkins.....   | do.....           | 46       | do                               | do            | 10           | 92 00                  |
| 51,962           | Jane Porter.....     | do.....           | 38       | do                               | do            | 5            | 76 00                  |
| 61,921           | W. E. Wier.....      | do.....           | 41       | do                               | do            | 15           | 82 00                  |

YARMOUTH COUNTY.

|        |                    |                |     |                      |               |    |        |
|--------|--------------------|----------------|-----|----------------------|---------------|----|--------|
| 54,136 | Ida May.....       | Yarmouth.....  | 70  | Wm. Ryder.....       | Argyle.....   | 11 | 140 00 |
| 85,536 | Circassian.....    | do.....        | 115 | do et al.....        | do            | 14 | 160 00 |
| 38,096 | Flying Fish.....   | do.....        | 13  | Israel Thompson...   | Yarmouth..... | 2  | 26 00  |
| 61,827 | Gipsy.....         | do.....        | 11  | W. A. Powell et al.  | do            | 3  | 22 00  |
| 57,103 | West Point.....    | do.....        | 38  | H. & N. B. Lewis...  | do            | 12 | 76 00  |
| 80,642 | Harry Lewis.....   | do.....        | 111 | do                   | do            | 16 | 160 00 |
| 74,339 | Maitland.....      | do.....        | 44  | do                   | do            | 14 | 88 00  |
| 52,029 | British Eagle..... | do.....        | 64  | James M. Davis.....  | do            | 14 | 128 00 |
| 77,723 | Maggie Blanche...  | do.....        | 45  | Reuben Gayton.....   | Argyle.....   | 7  | 90 00  |
| 74,301 | Minniehaha.....    | do.....        | 12  | Michael Carroll..... | do            | 6  | 24 00  |
| 85,537 | Sisters.....       | do.....        | 16  | Robert Crowell.....  | Yarmouth..... | 3  | 32 00  |
| 75,625 | Banneret.....      | Shelburne..... | 54  | Reub. Goodwin et al  | Pubnico.....  | 16 | 108 00 |
| 80,605 | Coral Leaf.....    | Yarmouth.....  | 71  | G. B. Goodwin et al  | do            | 18 | 142 00 |
| 57,131 | Forest Flower..... | do.....        | 26  | H. Goodwin et al...  | do            | 13 | 52 00  |
| 74,370 | Village Belle..... | Shelburne..... | 40  | Jas. Lennox et al... | do            | 16 | 80 00  |
| 74,122 | Temple Bar.....    | Port Medway.   | 44  | Amb. D'Eon et al...  | do            | 15 | 88 00  |
| 71,028 | Babarone.....      | Yarmouth.....  | 93  | Peter D'Eon et al... | do            | 16 | 160 00 |
| 61,553 | Viдете.....        | Shelburne..... | 58  | Peter T. D'Eon et al | W. Pubnico... | 17 | 116 00 |
| 74,332 | Proditor.....      | Yarmouth.....  | 54  | Zach. D'Eon et al... | do            | 18 | 108 00 |
| 66,682 | Brisk.....         | do.....        | 67  | Léon D'Eon et al...  | Pubnico.....  | 14 | 134 00 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*  
 YARMOUTH COUNTY—*Concluded.*

| Official Number. | Name of Vessel.       | Port of Registry. | Tonnage. | Name of Owner or Managing Owner.            | Residence.      | No. of Crew. | Amount of Bounty Paid. |
|------------------|-----------------------|-------------------|----------|---|-----------------|--------------|------------------------|
|                  |                       |                   |          |   |                 |              | \$ cts.                |
| 66,679           | Diploma.....          | Yarmouth.....     | 64       | Louis D'Eon <i>et al.</i> ...               | Pubnico.....    | 18           | 128 00                 |
| 74,319           | Merino.....           | do.....           | 46       | R. Amiro <i>et al.</i> .....                | do.....         | 16           | 92 00                  |
| 71,034           | Vanguard.....         | do.....           | 47       | Charles Y. Amiro.....                       | do.....         | 15           | 94 00                  |
| 80,647           | Annie M. Bell.....    | do.....           | 64       | Aug. A. Amiro <i>et al.</i> ...             | do.....         | 17           | 128 00                 |
| 57,132           | Serene.....           | do.....           | 54       | James Amiro.....                            | do.....         | 18           | 108 00                 |
| 80,641           | Jonathan.....         | do.....           | 68       | David L. Amiro <i>et al.</i> ...            | do.....         | 18           | 136 00                 |
| 36,990           | A la Mode.....        | Lunenburg.....    | 32       | Marc A. Amiro.....                          | do.....         | 13           | 64 00                  |
| 53,811           | Electric Flash.....   | Halifax.....      | 53       | David D'Entremont.....                      | do.....         | 18           | 106 00                 |
| 57,150           | Salvador.....         | Yarmouth.....     | 53       | Mat. D'Entremont<br><i>et al.</i> .....     | do.....         | 17           | 106 00                 |
| 74,323           | Regina.....           | do.....           | 57       | A. C. D'Entremont.....                      | do.....         | 17           | 114 00                 |
| 61,579           | Will-o'-the-Wisp..... | do.....           | 41       | J. D'Entremont <i>et al.</i> ...            | do.....         | 16           | 82 00                  |
| 66,681           | B. K. Kelly.....      | do.....           | 28       | R. D'Entremont <i>et al.</i> ...            | W. Pubnico..... | 13           | 56 00                  |
| 66,683           | Ballarose.....        | do.....           | 40       | L. A. D'Entremont.....                      | do.....         | 12           | 80 00                  |
| 75,748           | Anna McGee.....       | do.....           | 58       | J. B. J. D'Entremont<br><i>et al.</i> ..... | do.....         | 16           | 116 00                 |
| 71,030           | Arizona.....          | do.....           | 85       | S. D. D'Entremont<br><i>et al.</i> .....    | do.....         | 14           | 160 00                 |
| 51,972           | Lydia Ryder.....      | do.....           | 57       | A. L. D'Entremont<br><i>et al.</i> .....    | do.....         | 18           | 114 00                 |
| 71,007           | Alfrata.....          | do.....           | 48       | C. T. D'Entremont<br><i>et al.</i> .....    | do.....         | 17           | 96 00                  |
| 61,510           | Mansimable.....       | Shelburne.....    | 50       | I. D'Entremont <i>et al.</i> ...            | do.....         | 17           | 100 00                 |
| 61,595           | Anna Louisa.....      | do.....           | 40       | L. P. D'Entremont<br><i>et al.</i> .....    | do.....         | 18           | 80 00                  |
| 71,033           | Sabra Killam.....     | Yarmouth.....     | 56       | G. D. D'Entremont<br><i>et al.</i> .....    | do.....         | 12           | 112 00                 |
| 80,627           | Annie D.....          | do.....           | 71       | do do                                       | do.....         | 15           | 142 00                 |
| 66,710           | Pleiades.....         | do.....           | 38       | do do                                       | do.....         | 10           | 76 00                  |
| 37,010           | Nancy Anna.....       | do.....           | 35       | P. D. Surette <i>et al.</i> ...             | Pubnico.....    | 16           | 70 00                  |
| 52,000           | J. and J. Locke.....  | do.....           | 55       | do do                                       | do.....         | 12           | 110 00                 |
| 71,037           | River Rose.....       | do.....           | 53       | Benj. Leblanc <i>et al.</i> ...             | Tusket Wedge    | 18           | 106 00                 |
| 80,646           | Emma S.....           | do.....           | 102      | do do                                       | do.....         | 21           | 160 00                 |
| 85,535           | Sigefroi.....         | do.....           | 40       | J. H. Porter & Co.<br><i>et al.</i> .....   | do.....         | 13           | 80 00                  |
| 80,632           | Lumen.....            | do.....           | 30       | do do                                       | do.....         | 10           | 60 00                  |
| 80,614           | Louise.....           | do.....           | 85       | do do                                       | do.....         | 21           | 160 00                 |
| 57,101           | Young Scotland.....   | do.....           | 47       | do do                                       | do.....         | 14           | 94 00                  |
| 71,005           | Kelso.....            | do.....           | 111      | do do                                       | do.....         | 16           | 160 00                 |
| 75,724           | Sea Foam.....         | do.....           | 75       | do do                                       | do.....         | 14           | 150 00                 |
| 66,675           | Olika.....            | do.....           | 53       | do do                                       | do.....         | 16           | 106 00                 |
| 80,643           | Hazel Dell.....       | do.....           | 87       | S. L. Oliver & Co.....                      | do.....         | 14           | 160 00                 |
| 71,035           | Precursor.....        | do.....           | 46       | G. D. D'Entremont<br><i>et al.</i> .....    | do.....         | 17           | 92 00                  |
|                  | Totals..              |                   | 31,176   |   |                 | 6,238        | 55,544 00              |



DETAILED STATEMENT of Fishing Bounties paid to Vessels, for the Year 1883.

PROVINCE OF NEW BRUNSWICK.  
CHARLOTTE COUNTY.

| Official Number. | Name of Vessel.    | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.     | No. of Crew. | Amount of Bounty Paid. |
|------------------|--------------------|-------------------|----------|----------------------------------|----------------|--------------|------------------------|
|                  |                    |                   |          |                                  |                |              | \$ cts.                |
| 59,397           | Helen C. Young     | St. Andrews       | 21       | J. E. & T. W. Stuart             | Deer Island    | 8            | 42 00                  |
| 59,326           | Maude Holmes       | do                | 21       | Wallace Stuart <i>et al</i>      | do             | 7            | 42 00                  |
| 35,338           | Caroline           | do                | 18       | Jas. M. Lord <i>et al.</i>       | do             | 5            | 36 00                  |
| 59,388           | Letitia            | do                | 10       | Alfred Johnson                   | do             | 4            | 20 00                  |
| 79,963           | Freeman Colgate    | do                | 26       | A. and G. English.               | do             | 7            | 52 00                  |
| 59,311           | Blooming Rose      | do                | 19       | Aaron Cook                       | do             | 5            | 38 00                  |
| 83,472           | Linden             | do                | 12       | Benjamin Parker                  | do             | 2            | 24 00                  |
| 51,734           | Lavina             | do                | 13       | Luther Mathews                   | Latéte         | 5            | 26 00                  |
| 83,475           | Jennie             | do                | 11       | Lincoln Richardson               | Deer Island    | 3            | 22 00                  |
| 83,474           | Letter B.          | do                | 12       | David Kelly                      | Latéte         | 3            | 24 00                  |
| 59,377           | Xantho             | do                | 23       | L. B. Mitchell                   | St. Patrick    | 4            | 46 00                  |
| 59,395           | Little Minnie      | do                | 11       | George Douglas                   | Latéte         | 3            | 22 00                  |
| 77,961           | Medora             | do                | 23       | R. Rose & W. Clark               | St. Andrews    | 7            | 46 00                  |
| 80,882           | Ella Mabel         | do                | 14       | do do                            | do             | 4            | 28 00                  |
| 83,462           | Beauty             | do                | 26       | do do                            | do             | 5            | 52 00                  |
| 83,476           | Mabel              | do                | 11       | do do                            | do             | 3            | 22 00                  |
| 83,478           | Argyle             | do                | 10       | do do                            | do             | 4            | 20 00                  |
| 80,883           | Ocean Queen        | do                | 21       | do do                            | do             | 6            | 42 00                  |
| 80,034           | Mabel              | do                | 12       | A. Lamb & J. Watson              | do             | 4            | 24 00                  |
| 77,969           | Wave Queen         | do                | 11       | William McMahon                  | do             | 5            | 22 00                  |
| 59,373           | E. M. Oliver       | do                | 14       | Jas. & W. J. Oliver              | do             | 6            | 28 00                  |
| 59,387           | Telephone          | do                | 19       | Joseph McGee                     | do             | 6            | 38 00                  |
| 59,342           | Lizzie S. McGee    | do                | 14       | Andrew McGee                     | Back Bay       | 5            | 28 00                  |
| 51,748           | Frank L. Dixon     | do                | 18       | E. & G. Grearson                 | Maccan         | 2            | 36 00                  |
| 59,399           | Leona              | do                | 12       | J. A. Wentworth                  | Latéte         | 3            | 24 00                  |
| 80,881           | Lena May           | do                | 18       | Edward Mathews                   | do             | 7            | 36 00                  |
| 59,383           | Pilgrim's Progress | do                | 11       | John & Jos. Holmes               | do             | 5            | 22 00                  |
| 83,464           | Little Annie       | do                | 19       | Jacob Cook                       | do             | 7            | 38 00                  |
| 83,463           | Havelock           | do                | 33       | William James                    | Campobello     | 4            | 66 00                  |
| 77,967           | Naomi              | do                | 14       | do                               | do             | 3            | 28 00                  |
| 77,965           | Lydia B.           | do                | 12       | W. & J. M. Calder.               | do             | 4            | 24 00                  |
| 35,348           | Helen              | do                | 18       | William Akers                    | do             | 4            | 36 00                  |
| 59,322           | Sea Flower         | do                | 11       | George Mulholland                | do             | 4            | 22 00                  |
| 38,141           | Liberal            | St. John          | 26       | John Mitchell <i>et al.</i>      | do             | 5            | 52 00                  |
| 59,321           | Little Nell        | St. Andrews       | 21       | Wm. McLellan, jun                | do             | 5            | 42 00                  |
| 59,346           | A. J. Malloch      | do                | 21       | Isaac Malloch                    | do             | 5            | 42 00                  |
| 75,594           | Lizzie G.          | Digby, N.S.       | 16       | George Scofield                  | Grand Manan.   | 5            | 32 00                  |
| 42,096           | Ada                | do                | 29       | Wm. B. Guptill                   | do             | 3            | 58 00                  |
| 59,364           | Alice              | St. Andrews       | 10       | Harrington Guptill               | do             | 3            | 20 00                  |
| 51,966           | Friendly           | Digby, N.S.       | 18       | Henry Burnham                    | do             | 3            | 36 00                  |
| 35,393           | Flash              | St. Andrews       | 11       | Isaac Newton                     | do             | 5            | 22 00                  |
| 80,002           | John A. Ruddock    | St. John          | 10       | John R. Moses                    | do             | 3            | 20 00                  |
| 59,334           | Rival              | St. Andrews       | 27       | E. A. Calder                     | do             | 4            | 54 00                  |
| 83,470           | Gazelle            | do                | 36       | Frederick Cronk                  | do             | 10           | 72 00                  |
| 59,365           | Union              | do                | 13       | W. J. & Geo. Morse               | do             | 3            | 26 00                  |
| 75,591           | Rise and Go        | Digby, N.S.       | 16       | William Sirls                    | do             | 5            | 32 00                  |
| 59,375           | Cadet              | St. Andrews       | 13       | Charles Savage <i>et al</i>      | do             | 4            | 26 00                  |
| 64,029           | Norman B           | Digby, N.S.       | 20       | Paul Enas                        | Wilson Beach   | 4            | 40 00                  |
| 83,468           | Village Belle      | St. Andrews       | 15       | John M. Wilson                   | Campobello     | 3            | 30 00                  |
| 75,599           | Blue Jay           | Digby, N.S.       | 14       | John Phinney                     | do             | 3            | 28 00                  |
| 59,357           | Silver Bell        | St. Andrews       | 13       | Alex. Malloch                    | do             | 3            | 26 00                  |
| 38,109           | Mary               | Yarmouth, N.S.    | 16       | James Thompson                   | Black's Harbor | 3            | 32 00                  |
| 59,319           | Brisk              | St. Andrews       | 20       | Alf. & Ed. Wadlin                | Beaver Harbor  | 3            | 40 00                  |
| 80,803           | Exenia             | Windsor, N.S.     | 18       | W. F. Parker <i>et al.</i>       | do             | 4            | 36 00                  |
| 59,329           | Rebecca            | St. Andrews       | 13       | Milton Eldridge <i>et al</i>     | do             | 4            | 26 00                  |
| 52,065           | Adelia             | Windsor, N.S.     | 17       | Elias Wright <i>et al.</i>       | do             | 3            | 34 00                  |
| 59,394           | Hattie             | St. Andrews       | 10       | Charles Harkins                  | Dipper Harbor  | 3            | 20 00                  |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—New Brunswick—Con.

CHARLOTTE COUNTY—Concluded.

| Official Number. | Name of Vessel.     | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence        | No. of Crew. | Amount of Bounty Paid. |
|------------------|---------------------|-------------------|----------|----------------------------------|------------------|--------------|------------------------|
| 59,125           | Mount Whatley.....  | St. John.....     | 28       | Rugh Belmore.....                | Dipper Harbour   | 4            | \$ 56 00               |
| 77,988           | Empress.....        | St. Andrews....   | 14       | Michael Caffary....              | do               | 3            | 28 00                  |
| 64,043           | Lily.....           | Digby, N.S.....   | 19       | Wm. & A. Cassidy..               | New River.....   | 7            | 38 00                  |
| 64,011           | Bee.....            | do                | 12       | Robert Shaw, sen...              | Lepreaux.....    | 5            | 24 00                  |
| 52,174           | Pilot.....          | St. John.....     | 12       | William Cline.....               | Deer Island....  | 2            | 24 00                  |
| 80,888           | B. R. Stevenson.... | St. Andrew's....  | 17       | J. W. Appleby.....               | do               | 5            | 34 00                  |
| 77,966           | Polly.....          | do                | 11       | George Ray.....                  | do               | 4            | 22 00                  |
| 83,469           | Austin P.....       | do                | 12       | Lincoln Richardson               | do               | 4            | 24 00                  |
| 89,393           | Fannie.....         | do                | 13       | George Leonards...               | do               | 5            | 26 00                  |
| 35,419           | Nautilus.....       | do                | 19       | Henry C. Harris....              | Bear River, N.S. | 4            | 38 00                  |
| 35,360           | Sarah.....          | do                | 19       | Thomas Barry.....                | St. George.....  | 3            | 38 00                  |
| 58,400           | Foam Belle.....     | do                | 10       | Thomas Killsworth..              | Sealley's Cove   | 3            | 20 00                  |
| 83,461           | Josie L. Day.....   | do                | 16       | Peter Dixon.....                 | Grand Manan...   | 3            | 32 00                  |
| 38,260           | Genuine.....        | Yarmouth, N.S.    | 27       | George Leonard.....              | Deer Island....  | 7            | 54 00                  |

GLOUCESTER COUNTY.

|        |                     |              |    |                            |                |   |       |
|--------|---------------------|--------------|----|----------------------------|----------------|---|-------|
| 61,442 | Marie Cecile.....   | Chatham..... | 15 | Oliver Duguay.....         | Lameque.....   | 3 | 30 00 |
| 61,445 | Flavie.....         | do           | 13 | Théophile Duguay..         | do             | 3 | 26 00 |
| 61,447 | Merida.....         | do           | 13 | André Hache.....           | do             | 4 | 26 00 |
| 61,446 | Esperance.....      | do           | 10 | Wm. Fruing & Co..          | Shippegan..... | 3 | 20 00 |
| 72,079 | Betsy.....          | do           | 13 | Cyrenus Gionet.....        | do             | 3 | 26 00 |
| 61,431 | Bee.....            | do           | 11 | Paul Noel.....             | Lameque.....   | 3 | 22 00 |
| 74,401 | Sara.....           | do           | 11 | Nazaire Noel.....          | do             | 3 | 22 00 |
| 72,099 | Adelina.....        | do           | 12 | Auguste Poulin....         | do             | 5 | 24 00 |
| 72,100 | Marie.....          | do           | 12 | Onesime Chiasson..         | do             | 2 | 24 00 |
| 61,437 | Flying Fish.....    | do           | 11 | Lévi Chiasson.....         | do             | 3 | 22 00 |
| 38,720 | Sophia.....         | do           | 25 | Ubalde Landry.....         | Grand Anse.... | 3 | 50 00 |
| 86,692 | Jean.....           | do           | 13 | Dominique Gallien..        | Caraquet.....  | 3 | 26 00 |
| 61,406 | Mary.....           | do           | 11 | Joseph Gionet.....         | do             | 4 | 22 00 |
| 61,409 | Reward.....         | do           | 11 | Alex. Rive & Co....        | do             | 4 | 22 00 |
| 85,694 | Bellemont.....      | do           | 13 | Angus McLean.....          | do             | 2 | 26 00 |
| 85,694 | Arrow.....          | do           | 14 | Timothy Daley <i>et al</i> | Bathurst.....  | 4 | 28 00 |
| 85,695 | Rpopt.....          | do           | 14 | J. H. Mann.....            | do             | 3 | 28 00 |
| 61,432 | Alice.....          | do           | 11 | Moses Dignard.....         | Tracadie.....  | 3 | 22 00 |
| 72,082 | Marie C. Josephine. | do           | 13 | Laurent Metayer...         | do             | 2 | 26 00 |

KENT COUNTY

|        |                     |                |    |                      |                |   |       |
|--------|---------------------|----------------|----|----------------------|----------------|---|-------|
| 66,257 | Ino.....            | Charlottet'wn, |    |                      |                |   |       |
|        |                     | P. E. I.....   | 18 | James W. Forster...  | Richibucto.... | 3 | 36 00 |
| 75,892 | Peter Mitchell..... | Chatham.....   | 26 | do                   | do             | 5 | 52 00 |
| 71,303 | Finn.....           | Richibucto.... | 11 | Philip Finnigan...   | do             | 4 | 22 00 |
| 43,124 | Industry.....       | Chatham.....   | 17 | John Curwin.....     | do             | 4 | 34 00 |
| 61,412 | Favorite.....       | do             | 20 | Thos. McNeil, sen... | do             | 2 | 40 00 |
| 38,757 | Merit.....          | do             | 18 | Edward Mundy.....    | do             | 2 | 36 00 |
| 61,428 | Wab.....            | do             | 13 | Jude Robicheau...    | do             | 3 | 26 00 |
| 71,308 | Sea Mouse.....      | Richibucto.... | 10 | John Doucette.....   | Kingston.....  | 4 | 20 00 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c., Nova Scotia.—*Con.*

NORTHUMBERLAND COUNTY.

| Official Number. | Name of Vessel.  | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.     | No. of Crew. | Amount of Bounty Paid. |
|------------------|------------------|-------------------|----------|----------------------------------|----------------|--------------|------------------------|
|                  |                  |                   |          |                                  |                |              | \$ cts.                |
| 72,091           | White Wing.....  | Chatham.....      | 20       | T. B. Williston.....             | Bay du Vin.... | 6            | 40 00                  |
| 66,724           | Nettie Cole..... | Liverpool, N.S.   | 14       | A. & J. Adams.....               | .....          | 3            | 28 00                  |

RESTIGOUCHE COUNTY.

|        |                |              |    |                   |                 |   |       |
|--------|----------------|--------------|----|-------------------|-----------------|---|-------|
| 85,693 | May Ellen..... | Chatham..... | 12 | Edward Doyle..... | Restigouche ... | 2 | 24 00 |
| 80,950 | Jessie.....    | do .....     | 14 | Simon McGregor... | Charlo .....    | 3 | 28 00 |

ST. JOHN COUNTY.

|           |                     |                 |      |                               |                 |     |          |
|-----------|---------------------|-----------------|------|-------------------------------|-----------------|-----|----------|
| 69,148    | Minnie .....        | St. John.....   | 24   | Issac R. Noble.....           | St. John.....   | 4   | 48 00    |
| 79,993    | Humming Bird.....   | do .....        | 18   | do .....                      | do .....        | 3   | 36 00    |
| 49,353    | Civilian.....       | St. Andrews ..  | 24   | do .....                      | do .....        | 4   | 48 00    |
| 52,159    | Mary E. ....        | St. John.....   | 21   | Fred. Buchanan...             | Carleton.....   | 4   | 42 00    |
| 66,926    | Emma .....          | do .....        | 13   | D. & J. Thompson.             | Chance Harb'r   | 5   | 26 00    |
| 35,331    | Victory.....        | St. Andrews ..  | 16   | Frank Campbell...             | Dipper Harbor   | 4   | 32 00    |
| 74,308    | Bald Eagle .....    | Yarmouth, N.S.  | 14   | James Wilson.....             | Portland.....   | 4   | 28 00    |
| 42,087    | Two Sisters.....    | Digby, N.S....  | 14   | Thos. Wilson <i>et al.</i>    | Pisarinco.....  | 4   | 28 00    |
| 72,192    | Ada.....            | St. John.....   | 19   | R. McLaren <i>et al.</i>      | St. John.....   | 4   | 38 00    |
| 59,370    | Sparkling Billow... | St. Andrews ..  | 25   | James W. Belyea..             | do .....        | 5   | 50 00    |
| 72,272    | Bertha .....        | St. John.....   | 15   | Johanna McDevitt              | Carleton.....   | 3   | 30 00    |
| 57,171    | Anna Bell.....      | St. Andrews ..  | 19   | Henry Alston <i>et al.</i>    | Pisarinco.....  | 4   | 38 00    |
| 57,181    | Hattie.....         | Windsor, N.S.   | 13   | H. B. Cunningham.             | do .....        | 3   | 26 00    |
| 79,977    | Amanda Green.....   | St. John.....   | 15   | Samuel Hutton....             | Carleton.....   | 5   | 30 00    |
| 59,313    | U. S. Grant.....    | Yarmouth, N.S.  | 32   | Robt. & J. Hutton.            | St. John.....   | 5   | 64 00    |
| 80,093    | Anna K. ....        | St. John.....   | 14   | William Spence....            | Portland.....   | 3   | 28 00    |
| 85,961    | Ella.....           | do .....        | 13   | J. & G. Silliphant.           | do .....        | 2   | 26 00    |
| 72,321    | Widgeon.....        | do .....        | 10   | William Hodd, sen.            | St. John.....   | 2   | 20 00    |
| 85,503    | George P. Taylor... | do .....        | 14   | Elijah S. Toole <i>et al.</i> | Carleton.....   | 3   | 28 00    |
| 75,901    | Kate Wilson.....    | Dorchester..... | 85   | George R. Ellis ..            | St. John.....   | *1  | 88 00    |
| 83,426    | Louisa .....        | St. John.....   | 16   | George L. Young ..            | St. George..... | †1  | 19 20    |
| 59,156    | Tom.....            | do .....        | 14   | Peter & Jas. Boyle.           | Musquash.....   | 5   | 28 00    |
| 85,972    | Dove.....           | do .....        | 11   | Samuel G. McGuire             | Pisarinco, W..  | 5   | 22 00    |
| 88,253    | E. B. Colwell.....  | do .....        | 19   | Alward N. Harned.             | Carleton.....   | 3   | 38 00    |
| Totals .. |                     |                 | 2107 |                               |                 | 496 | 4,119 20 |

\*Balance of crew (9) belonged to Newfoundland and not paid a bounty. †Balance of crew (4) did not fish the three months.

## DETAILED STATEMENT of Fishing Bounties paid to Vessels, for the Year 1883.

## PRINCE EDWARD ISLAND.

## KINGS COUNTY.

| Official Number. | Name of Vessel.    | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.    | No. of Crew. | Amount of Bounty Paid. |
|------------------|--------------------|-------------------|----------|----------------------------------|---------------|--------------|------------------------|
| 80,915           | Lily Bank.....     | Charlottetown     | 16       | Amos Landry <i>et al.</i>        | Montague..... | 5            | \$ 32 00               |
| 80,937           | Montague.....      | do                | 16       | Charles Hayden....               | do .....      | 4            | 32 00                  |
| 75,481           | Julia Ward.....    | do                | 39       | William Herring....              | Murray Harbor | 5            | 78 00                  |
| 66,242           | Amorette.....      | do                | 18       | Peter Roberts.....               | do ..         | 3            | 36 00                  |
| 74,009           | Pocahontas.....    | do                | 45       | Daniel Gordon.....               | Georgetown... | *2           | 51 92                  |
| 80,934           | Harriet Torry..... | do                | 59       | James McBride.....               | .....         | †1           | 63 22                  |

## PRINCE COUNTY.

|        |                    |                          |    |                              |                |   |       |
|--------|--------------------|--------------------------|----|------------------------------|----------------|---|-------|
| 71,302 | Alice .....        | Richibucto, N.B.         | 10 | Wm. Wagner <i>et al.</i>     | Tignish.....   | 7 | 20 00 |
| 75,489 | Reality.....       | Charlottetown            | 39 | A. J. McFadyen <i>et al.</i> | do .....       | 3 | 78 00 |
| 55,528 | Mary Ellen.....    | Pictou, N.S....          | 22 | Ira Hurst.....               | Summerside ... | 2 | 44 00 |
| 71,494 | May Queen.....     | Charlottetown            | 11 | Joseph Palmer....            | Lot 10 .....   | 4 | 22 00 |
| 61,426 | Marianne.....      | Chatham, N.B.            | 14 | John Coughlan....            | Campbellton..  | 5 | 28 00 |
| 78,048 | Jennie May.....    | do .....                 | 19 | Donald Handrahan             | Alberton ..... | 4 | 38 00 |
| 80,940 | Western Light..... | Charlottetown            | 49 | John A. Matheson.            | Campbellton..  | 4 | 98 00 |
| 53,348 | Carrier Dove.....  | St. Andrews,<br>N.B..... | 45 | M. McLeod, <i>et al.</i> ... | Summerside ... | 6 | 90 00 |

## QUEEN'S COUNTY.

|        |                 |               |     |                    |               |    |        |
|--------|-----------------|---------------|-----|--------------------|---------------|----|--------|
| 83,226 | Mary Queen..... | Charlottetown | 22  | G. D. Longworth... | Charlottetown | 4  | 44 00  |
| 38,722 | Onward.....     | do .....      | 26  | William Carpenter. | Rustico.....  | 7  | 52 00  |
|        | Totals.....     | .....         | 450 | .....              | .....         | 66 | 807 14 |

\* Balance of crew (11) did not fish three months. † Balance of crew (13) did not fish three months.

## DETAILED STATEMENT of Fishing Bounties paid to Vessels, for the Year 1883.

## PROVINCE OF QUEBEC.

## GASPÉ COUNTY.

| Official Number | Name of Vessel.      | Port of Registry.             | Tonnage. | Name of Owner or Managing Owner. | Residence.      | No. of Crew. | Amount of Bounty Paid. |
|-----------------|----------------------|-------------------------------|----------|----------------------------------|-----------------|--------------|------------------------|
|                 |                      |                               |          |                                  |                 |              | \$ cts.                |
| 73,022          | Lédée Adele.....     | Amherst, M.I..                | 50       | Naz. Jomphe <i>et al.</i> ..     | House Harbor.   | 8            | 100 00                 |
| 77,604          | E. D. Myra.....      | Lunenburg, NS                 | 43       | F. H. Delaney <i>et al.</i> ..   | do .....        | 9            | 86 00                  |
| 73,491          | Mary Jane.....       | Amherst, M.I..                | 47       | Jean Arseneau <i>et al.</i> ..   | Magdalen Isl's  | 7            | 94 00                  |
| 55,642          | Delaney.....         | do .....                      | 44       | Camille Delaney....              | House Harbor.   | 8            | 88 00                  |
| 73,025          | Marie Euphrosyne..   | do .....                      | 39       | Nectaire Arseneau..              | do .....        | 7            | 78 00                  |
| 73,495          | Canadienne .....     | do .....                      | 53       | do <i>et al.</i> .....           | do .....        | 8            | 106 00                 |
| 73,492          | Thirza .....         | do .....                      | 14       | J. Nelson Arseneau               | do .....        | 3            | 28 00                  |
| 54,082          | Pheasant .....       | do .....                      | 31       | do .....                         | do .....        | 6            | 62 00                  |
| 77,612          | Gold Hunter.....     | do .....                      | 41       | do <i>et al.</i> .....           | do .....        | 8            | 82 00                  |
| 80,929          | J. N. A.....         | do .....                      | 63       | do do .....                      | do .....        | 10           | 126 00                 |
| 55,644          | Lion .....           | do .....                      | 42       | Vital Richard <i>et al.</i>      | do .....        | 6            | 84 00                  |
| 73,027          | Una .....            | do .....                      | 41       | P. Turbide <i>et al.</i> ....    | do .....        | 7            | 82 00                  |
| 75,587          | Mary Ann Bell.....   | Lunenburg, NS                 | 32       | V. Theriault <i>et al.</i> ....  | do .....        | 9            | 64 00                  |
| 73,024          | Marie Enesie.....    | Amherst, M.I..                | 47       | Wm. G. Leslie.....               | do .....        | 6            | 94 00                  |
| 73,021          | Marie Annie.....     | do .....                      | 46       | Wm. Theriault <i>et al.</i>      | do .....        | 7            | 92 00                  |
| 73,029          | F. P. T.....         | do .....                      | 41       | P. Turbide <i>et al.</i> ....    | do .....        | 9            | 82 00                  |
| 75,814          | East Lynn.....       | Halifax, N.S...               | 35       | Isaac E. Arseneau..              | do .....        | 10           | 70 00                  |
| 74,177          | Dauntless.....       | Charlottetown<br>P. E. I..... | 12       | Gilbert Cormier .....            | Aubert, M.I.... | 2            | 24 00                  |
| 38,351          | Nancy .....          | Arichat, N.S...               | 16       | Thadee Cormier.....              | do .....        | 5            | 32 00                  |
| 42,800          | Cutter.....          | Amherst, M.I..                | 27       | Lucien Cormier.....              | do .....        | 3            | 54 00                  |
| 73,494          | Marie Dolorosa ..... | do .....                      | 44       | André Devaux .....               | do .....        | 8            | 88 00                  |
| 71,357          | Emma Gidney.....     | Halifax, N.S...               | 47       | Damien Devaux .....              | do .....        | 8            | 94 00                  |
| 73,493          | Marie Joseph.....    | Amherst, M.I..                | 55       | David Lapierre .....             | Basin, M.I..... | 6            | 110 00                 |
| 85,391          | Esperance .....      | do .....                      | 30       | Celestin Boudreau...             | Aubert, M.I.... | 7            | 60 00                  |
| 69,383          | Speedwell .....      | Gaspé.....                    | 34       | Simeon Mabe <i>et al.</i> ..     | Malbaie .....   | 3            | 68 00                  |
| 33,622          | Admiration.....      | do .....                      | 60       | Joseph Tripp.....                | S.-W. Arm ..... | 16           | 120 00                 |
| 64,856          | Cora May.....        | Magdalen Isl's                | 42       | Jean N. Arseneau..               | House Harbor.   | 8            | 84 00                  |

## SAGUENAY COUNTY.

|        |                           |                 |    |                               |                 |    |        |
|--------|---------------------------|-----------------|----|-------------------------------|-----------------|----|--------|
| 73,026 | Ste. Anne.....            | Amherst, M.I..  | 20 | Narcisse Harvé <i>et al.</i>  | Betchouan ..... | 5  | 40 00  |
| 69,382 | Marie du Sacré-Cœur ..... | Gaspé.....      | 46 | Onésime Turbie....            | Pt. Esquimaux   | 9  | 92 00  |
| 77,865 | Gorilla.....              | Quebec .....    | 41 | V. Boudreau & Frère           | do .....        | 9  | 82 01  |
| 77,616 | McK .....                 | Lunenburg, NS   | 39 | Julien Boudreau .....         | do .....        | 9  | 78 00  |
| 80,754 | Eugénie .....             | Quebec .....    | 48 | Amadee Vigneau .....          | do .....        | 8  | 96 00  |
| 37,591 | Triomphe.....             | Lunenburg, NS   | 22 | N. Cormier & Frère            | do .....        | 8  | 44 00  |
| 59,909 | Elizabeth.....            | Quebec .....    | 27 | Luc Cormier.....              | do .....        | 6  | 54 00  |
| 42,434 | Marguerite .....          | Gaspé.....      | 27 | Jean Cormier <i>et al.</i> .. | do .....        | 7  | 54 00  |
| 42,436 | Amelia .....              | do .....        | 50 | Paul Cormier .....            | do .....        | 9  | 100 00 |
| 74,092 | I. M. G. Campbell.        | Halifax, N.S... | 15 | Xavier Arseneau...            | do .....        | 5  | 30 00  |
| 69,380 | Marie Anne.....           | Gaspé.....      | 36 | Dominique Landry..            | do .....        | 8  | 72 00  |
| 77,866 | Pioneer .....             | Quebec .....    | 39 | Charles Lebrun.....           | do .....        | 10 | 78 00  |
| 61,966 | D. Cronan.....            | Halifax, N.S... | 40 | Peter LeMarquand..            | do .....        | 7  | 80 00  |
| 83,370 | C. M. G. P.....           | Quebec .....    | 46 | Geo Picard & Fils.            | do .....        | 10 | 92 00  |
| 75,679 | Gleaner.....              | do .....        | 40 | Benjamin Landry...            | do .....        | 8  | 80 00  |
| 75,445 | Phoenix.....              | Gaspé.....      | 28 | Vigneau & Frère....           | do .....        | 8  | 56 00  |
| 75,680 | Sea Star.....             | Quebec .....    | 52 | Jude Poirier <i>et al.</i> .. | Betchouan ..... | 10 | 104 00 |
| 42,437 | Progress.....             | Gaspé.....      | 52 | Vital Boudreau.....           | Pt. Esquimaux   | 9  | 104 00 |
| 85,750 | H. B.....                 | Quebec.....     | 57 | Hypolite Boudreau             | do .....        | 10 | 114 00 |
| 80,753 | Stella Maris.....         | do .....        | 50 | L. Cummings & Co.             | do .....        | 10 | 100 00 |
| 57,742 | A cara .....              | Halifax, N.S... | 30 | Frederick Jomphe..            | do .....        | 7  | 60 00  |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c. —Quebec—*Concluded.*SAGUENAY COUNTY—*Concluded.*

| Official Number. | Name of Vessel.      | Port of Registry. | Tonnage. | Name of Owner or Managing Owner | Residence.     | No. of Crew. | Amount of Bounty Paid. |
|------------------|----------------------|-------------------|----------|---------------------------------|----------------|--------------|------------------------|
| 69,591           | Ste. Marie.....      | Quebec.....       | 37       | Alex. Scherer.....              | Pt. Esquimaux  | 10           | \$ 74 00               |
| 85,753           | Java.....            | do.....           | 46       | Dominique Cormier               | do.....        | 9            | 92 00                  |
| 85,754           | Florida.....         | do.....           | 26       | Hyp. Bourque <i>et al.</i>      | Natashquan...  | 6            | 52 00                  |
| 83,352           | Ste. Anne.....       | do.....           | 18       | Pierre Brochu.....              | Sept Isles...  | 4            | 36 00                  |
| 42,435           | Labrador.....        | Gaspé.....        | 43       | Placide Doyle.....              | Pt. Esquimaux  | 9            | 86 00                  |
| 59,468           | Busy.....            | Quebec.....       | 29       | André Vigneau <i>et al.</i>     | do.....        | 6            | 78 00                  |
| 64,990           | Marie St. Croix..... | do.....           | 17       | Joseph Fortin.....              | L'Islet.....   | 2            | 34 00                  |
| 83,360           | Ste. Anne.....       | do.....           | 13       | Emile Fraser <i>et al.</i>      | Green Island.. | 4            | 26 00                  |
| 85,459           | Florida.....         | do.....           | 13       | William Michaud...              | do.....        | 3            | 26 00                  |
| 85,756           | Aristile.....        | do.....           | 19       | Placide Talbot <i>et al.</i>    | Natashquan...  | 4            | 38 00                  |
| 80,755           | La Marina.....       | do.....           | 18       | Laurent Gallant...              | Riv. Gananiste | 5            | 38 00                  |
| 69,384           | Ice Bird.....        | Gaspé.....        | 39       | Elie Lavoie.....                | Pt. Esquimaux  | 9            | 78 00                  |
|                  | Totals.....          |                   | 2209     |                                 |                | 437          | 4,418 01               |

## RECAPITULATION.

|                           | Tonnage. | Crew No. | Bounty Paid. |
|---------------------------|----------|----------|--------------|
| Nova Scotia.....          | 31,176   | 6,238    | 55,544 00    |
| New Brunswick.....        | 2,107    | 496      | 4,119 20     |
| Prince Edward Island..... | 450      | 66       | 807 14       |
| Quebec.....               | 2,209    | 437      | 4,418 01     |
| Totals.....               | 35,942   | 7,237    | 64,888 35    |

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# ANNUAL REPORT

OF THE

# DEPARTMENT OF FISHERIES,

DOMINION OF CANADA

FOR THE YEAR

1884.

— o —  
Printed by Order of Parliament.  
— o —



OTTAWA:

PRINTED BY MACLEAN, ROGER & CO., WELLINGTON STREET.

1885.





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## PART 2.

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## FIRST ANNUAL REPORT

OF THE

## DEPUTY MINISTER OF FISHERIES

FOR THE YEAR 1884.

To the Honorable

ARCHIBALD WOODBURY McLELAN,

Minister of Marine and Fisheries.

Sir,—I have the honour to submit herewith my first annual report on the Fisheries Service of the Dominion for the past calendar year, together with statements of official transactions for the fiscal year ending 30th June, 1884.

## ORGANIZATION OF THE DEPARTMENT OF FISHERIES.

The Statute 47 Vic., cap. 18, divided what was hitherto known as the Department of Marine and Fisheries into two Departments, to be respectively called the Department of Marine and the Department of Fisheries, over both of which the Minister of Marine and Fisheries for the time being shall preside, and of which he shall have the management, charge and direction.

## DUTIES.

The duties of the Department of Fisheries consist principally in the administration of all laws relating to the subject of sea, coast or inland fisheries, the management, regulation and protection thereof, and all matters and things relating thereto or assigned by the Governor in Council to the said Department.

Under this latter head is included the payment of fishing bounties, necessitating an enormous amount of labour, which could not conveniently and satisfactorily be performed outside the Department.

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 PRODUCE OF THE FISHERIES.

The total value of the fisheries of Canada for the year 1884 is reckoned as follows:—

|                           |                |
|---------------------------|----------------|
| Nova Scotia.....          | \$8,763,779 36 |
| New Brunswick .....       | 3,730,453 99   |
| Quebec.....               | 1,694,560 85   |
| British Columbia .....    | 1,358,267 10   |
| Ontario.....              | 1,133,724 26   |
| Prince Edward Island..... | 1,085,618 68   |

Showing a total value of..... \$17,766,404 24

as against \$16,958,192.98 in 1883; an increase of \$808,211.26.

This is exclusive of the quantity consumed by the Indian population of British Columbia, and also of the yield of Manitoba and the North-West Territories, from which, although steps have been taken to supply the information in future, no reliable data are available for the present report.

## DETAILS.

The following table shows the value of the principal kinds of fish, grouped for convenience:—

|                 |                |
|-----------------|----------------|
| Cod.....        | \$4,302,454 85 |
| Herring.....    | 2,645,447 00   |
| Lobsters.....   | 2,351,559 80   |
| Mackerel.....   | 1,826,681 03   |
| Salmon.....     | 1,357,727 64   |
| Haddock .....   | 758,245 70     |
| Fish oils.....  | 477,443 40     |
| Trout.....      | 464,653 00     |
| Sardines.....   | 384,600 00     |
| Smelt.....      | 370,644 60     |
| Pollock.....    | 275,222 50     |
| Whitefish.....  | 271,971 28     |
| Hake.....       | 217,981 70     |
| Alewives.....   | 189,854 50     |
| Seal skins..... | 166,788 00     |
| Oysters.....    | 126,458 00     |
| Pickerel.....   | 111,452 06     |
| Halibut .....   | 98,532 90      |
| Sturgeon.....   | 88,899 60      |
| Eels.....       | 84,714 80      |
| Bass.....       | 75,573 30      |
| Shad.....       | 74,058,41      |

## GENERAL REMARKS.

*Nova Scotia.*

The returns show that the fisheries of this Province do not only maintain the improvement of the last few years, but they show a large increase over any former year. While this improvement embraces nearly all kinds of fish, it is most marked in cod, mackerel, herring, salmon and lobsters.

The encouragement offered by the bounty has largely increased the number of vessels and boats engaged in the deep-sea and shore fisheries.

---

*New Brunswick.*

From this Province the returns show a large increase in the yield of its fisheries.

A most gratifying feature is the general improvement in the salmon fishery, which extends to almost every district in which this fishery is pursued. Smelt herring and lobsters show increased catches. Shad and alewives also share in the general improvement, but the sturgeon fishery shows a large falling off from former years. In some districts the herring fishery was not so productive, while in others it shows a largely increased catch. This is no doubt due to the erratic movements of the schools of this fish, which, while never leaving our coast, change their habitat according to temperature, weather and the location of their favourite food.

*Quebec.*

The late date at which the ice left in the spring and the stormy weather which almost constantly prevailed in the Gulf during the fishing season, has caused a considerable decrease in the catch of almost all kinds of fish.

The decrease in the catch of salmon on the south shore of Gaspé and Bonaventure is, however, counterbalanced by the increased catch on the north shore.

More interest than usual was taken in the mackerel fishery and considerable outlay was made by local fishermen; but unfavourable weather doubtless affected the movements of the schools, which did not go to the west of Cape Breton, and the catch made was inconsiderable.

The inland fisheries show a large decrease as compared with the catch of 1883. This falling off, which was noticeable in almost every kind of fish, is due more to a prevalence of contrary winds and stormy weather than to any scarcity of fish.

*Prince Edward Island.*

The stormy and unfavourable weather which prevailed in the Gulf extended also to the Straits, and had the same effect on the Island fisheries.

The returns show a large falling off in all kinds of fish, the decrease being most marked in mackerel.

The single exception is the lobster fishery, which, contrary to general expectation, has been good, and the returns show a considerable increase over the very large catch of last year.

The enormous extent to which this fishery has been developed and the constantly increasing number of factories and fishermen have led to much confusion. It will soon be necessary, in the interest of the fishery, as well as of the fishermen and packers, to bring it under the more effective control of the Department.

*British Columbia.*

The returns from the above named Province show a large decrease in the salmon catch of the Fraser River, where only six canneries out of thirteen were in operation. This result was not due to any scarcity of fish, but to the large quantity of preserved salmon on the market and the low prices obtained.

A fish hatchery, measuring 100 x 40 feet, was built during last season on the Fraser River. It will easily accommodate 3,000,000 *Quinnat* salmon eggs, or 5,500,000 *Saw-quidi* salmon ova. By doubling the trays, double this number of eggs can be laid down. The catching of parent salmon began about the beginning of July, and by the close of the season 3,000,000 eggs were on the trays. The operations were highly successful and reflect credit upon the officer in charge, Mr. Thomas Mowat.

*Ontario.*

The total value of the fisheries in the Province of Ontario is reckoned at \$1,133,724.26.

On Lake Superior, Lake Huron and Georgian Bay, the individual catches did not much exceed those of last year, but the number of fishermen was larger and the aggregate yield consequently increased. The severe stormy weather which prevailed during the first part of November greatly interfered with the fishermen's operations, by damaging or destroying a large amount of twine and driving the runs of fish off the reefs; but, on the whole, the result was satisfactory.

*Manitoba and the North-West Territories.*

The dates hitherto determined upon as close seasons for whitefish in the Province of Manitoba and the North-West Territories having proved utterly inadequate, others will have to be substituted, so as to afford full and complete protection to this valuable fish during its breeding season.

An Inspector, Mr. Alex. McQueen, of Winnipeg, vested with magisterial powers, has been appointed, as well as a resident Fishery Overseer, Mr. F. C. Gilchrist, of Fort Qu'Appelle, for the Qu'Appelle district and vicinity. The system will be gradually extended as circumstances may demand, and other officers located at places where most needed.

GENERAL RECAPITULATION

Of the Yield and Value of Fisheries in the Dominion of Canada, for the years 1883 and 1884.

| Kinds of Fish.                      | 1883.      |              | 1884.      |              |
|-------------------------------------|------------|--------------|------------|--------------|
|                                     | Quantity.  | Value.       | Quantity.  | Value.       |
|                                     |            | \$ cts.      |            | \$ cts.      |
| Cod..... Cwt.                       | 1,074,914  | 4,507,110 25 | 1,022,234  | 4,302,454 85 |
| Herring, pickled..... Brls.         | 443,611    | 1,825,355 50 | 493,241    | 2,029,430 00 |
| do smoked..... Boxes.               | 1,247,660  | 311,915 00   | 1,938,194  | 484,548 50   |
| do frozen..... No.                  | 20,875,000 | 125,100 00   | 14,851,500 | 89,109 00    |
| do preserved or fresh..... Lbs.     | 7,968      | 956 16       | 1,049,550  | 42,359 50    |
| Lobsters, preserved..... "          | 13,364,020 | 1,889,265 71 | 15,933,2e3 | 2,259,892 80 |
| do..... Tons.                       | 964        | 29,310 00    | } 3,065    | 91,867 00    |
| do in shell or alive..... Per M.    | 1,195,120  | 30,678 00    |            |              |
| Salmon, pickled..... Brls.          | 6,030½     | 63,901 50    | 10,049     | 123,418 50   |
| do fresh..... No.                   | 117,664    | 44,287 20    | 173,056    | 51,916 80    |
| do do in ice..... Lbs.              | 1,537,052  | 262,810 44   | 2,008,268  | 346,000 29   |
| do preserved in cans..... "         | 9,460,911  | 1,087,218 35 | 6,803,845  | 781,366 05   |
| do smoked..... "                    | 419,363    | 59,909 02    | 386,230    | 55,026 00    |
| Mackerel, preserved in cans..... "  | 702,743    | 94,853 46    | 190,457    | 28,194 03    |
| do pickled..... Brls.               | 124,093    | 1,234,632 00 | 180,170    | 1,798,487 00 |
| Haddock..... Cwt.                   | 173,092    | 609,966 50   | 216,544    | 758,245 70   |
| Hake..... "                         | 146,281    | 511,983 50   | 40,073     | 140,255 50   |
| Pollock..... "                      | 105,573    | 389,605 50   | 78,635     | 275,222 50   |
| Trout..... Lbs.                     | 4,744,529  | 368,323 12   | 5,517,437  | 429,481 00   |
| do..... Brls.                       | 4,099      | 40,672 00    | 3,546½     | 35,172 00    |
| Whitefish..... Lbs.                 | 1,862      | 18,620 00    | 2,078      | 20,780 00    |
| do..... "                           | 3,120,032  | 249,602 56   | 3,139,891  | 251,191 28   |
| Smelt..... "                        | 4,180,943  | 254,456 58   | 6,177,410  | 370,644 60   |
| Sardines..... Brls.                 | 15,294     | 45,896 00    | 8,895      | 26,720 00    |
| do..... Hhds.                       | 37,717     | 301,736 00   | 35,788     | 357,880 00   |
| Oysters..... Brls.                  | 50,540     | 151,620 00   | 41,956     | 126,458 00   |
| Alwives..... "                      | 37,707     | 150,498 00   | 47,674     | 189,854 50   |
| Hake Sounds..... Lbs.               | 115,687    | 110,222 80   | 83,637     | 77,726 20    |
| Cod Tongues and Sounds..... Brls.   | 1,943      | 14,433 00    | 2,006      | 14,882 00    |
| Shad..... No.                       | 192,800    | 17,843 75    | 123,533    | 12,157 17    |
| do salted..... Brls.                | 7,076½     | 56,612 00    | 7,737      | 61,901 24    |
| Bals do..... "                      | 3,482½     | 31,246 50    | 4,776      | 42,769 40    |
| do..... No.                         | 514,219    | 51,421 90    | 419,464    | 41,946 40    |
| Maskinongé..... Lbs.                | 771,070    | 49,257 20    | 627,750    | 39,573 30    |
| Bass..... "                         | 1,181,923  | 74,551 04    | 1,186,423  | 75,571 26    |
| Pickarel..... "                     | 1,671,539  | 105,011 68   | 1,771,071  | 111,452 06   |
| Pike..... "                         | 930,020    | 45,361 00    | 705,948    | 36,363 40    |
| Sturgeon..... "                     | 1,041,278  | 54,006 30    | 1,601,308  | 80,769 60    |
| do..... Brls.                       | 1,866      | 9,330 00     | 1,638      | 8,190 00     |
| Halibut..... Lbs.                   | 1,966,050. | 62 493 00    | 1,670,215  | 98,532 90    |
| Bar and Whitefish..... Doz.         | 14,050     | 27,562 50    | 15,008     | 18,760 00    |
| Winnonish..... No.                  | 21,500     | 5,375 00     | 25,600     | 6,400 00     |
| Tom Cod..... Brls.                  | 4,000      | 6,000 00     | 2,080      | 3,120 00     |
| Perch..... Lbs.                     | 10,450     | 627 00       | 12,000     | 720 00       |
| Ling..... Cwt.                      | 207        | 828 00       | 155        | 620 60       |
| Squid..... Brls.                    | 4,470      | 17,672 00    | 3,176      | 12,704 00    |
| Whiting..... Lbs.                   | 25,000     | 1,530 00     | .....      | .....        |
| Colahans, pickled..... Brls.        | 187        | 1,517 50     | 330        | 2,640 00     |
| do fresh..... Lbs.                  | 30,000     | 1,800 00     | 37,500     | 2,250 00     |
| do smoked..... Boxes.               | 4,050      | 4,050 00     | 2,800      | 2,800 00     |
| Seal Skins..... No.                 | 9,195      | 91,950 00    | } .....    | 166,788 00   |
| Hair Seal Skins..... "              | 22,036     | 20,586 00    |            |              |
| Sea Otter do..... "                 | 96         | 4,800 00     |            |              |
| Porpoise do..... "                  | 87         | 298 00       | 83         | 332 00       |
| Fish Oils, not assorted..... Galls. | 632,690    | 401,726 60   | 583,883    | 376,826 10   |
| Whale Oil..... "                    | 5,510      | 2,505 00     | 4,640      | 2,320 00     |



## GENERAL RECAPITULATION

Of the Yield and Value of the Fisheries in the Dominion of Canada, for the years 1883 and 1884.

| Kinds of Fish.                                    | 1883.     |               | 1884.     |               |
|---|-----------|---------------|-----------|---------------|
|   | Quantity. | Value.        | Quantity. | Value.        |
|   |           | \$ cts.       |           | \$ cts.       |
| Seal Oil.....Galls.                               | 127,749   | 76,649 40     | 50,070    | 25,035 00     |
| Cod Oil....."                                     | 121,631   | 72,978 60     | 83,391    | 41,695 50     |
| Dog Fish, Porpoise, etc., Oil....."               | 222,018   | 89,886 40     | 16,781    | 6,766 80      |
| Dog Fish Oil, refined....."                       | 40,000    | 22,000 00     | 45,000    | 24,800 00     |
| Clams, preserved.....Lbs.                         | 8,640     | 1,080 00      | 14,400    | 1,800 00      |
| Fish Roes.....Bris.                               | 46        | 108 00        | 18        | 72 00         |
| Coarse Fish....."                                 | 15,230    | 60,920 00     | } 45,227  | 198,726 26    |
| Mixed Fish....."                                  | 24,546    | 101,068 68    |           |               |
| Fish Scrap, dried.....Tons.                       | 20        | 300 00        | .....     | .....         |
| Fish Guano....."                                  | 2,873     | 43,095 00     | 4,422     | 66,330 00     |
| Fish used for Bait and Manure....."               | 25,250    | 225,818 50    | 250,572   | 204,875 25    |
| Fish sold in Halifax markets.....                 | .....     | 31,500 00     | .....     | 52,400 00     |
| do Victoria, B.C., markets.....                   | .....     | 105,000 00    | .....     | 110,000 00    |
| Fish assorted in British Columbia.....            | .....     | 2,430 00      | 58,400    | 3,504 00      |
| For home consumption not included in Returns..... | .....     | 215,558 30    | .....     | 266,170 00    |
| Total value of the Fisheries in Canada.....       | .....     | 16,958,192 98 | .....     | 17,763,404 24 |
| Increase in 1884.....                             | .....     | .....         | .....     | 808,211 26    |

COMPARATIVE STATEMENT

Of Production in the different Fisheries in the respective Provinces of the Dominion of Canada, in 1883 and 1884.

PROVINCE OF NOVA SCOTIA.

| Kinds of Fish.  | 1883.     |              | 1884.          |              |
|---|-----------|--------------|----------------|--------------|
|   | Quantity. | Value.       | Quantity.      | Value.       |
|   |           | \$ cts.      |                | \$ cts.      |
| Salmon ..... Brls.  | 532       | 9,576 00     | 3,183          | 57,294 00    |
| do fresh ..... Lbs.   | 423,308   | 84,681 60    | 468,502        | 93,034 15    |
| do smoked ..... "   | 19,920    | 3,984 00     | 18,230         | 3,646 00     |
| do preserved ..... Cans                                     | 26,312    | 5,262 40     | 7,652          | 1,530 45     |
| Codfish ..... Cwt.  | 721,979   | 3,068,410 75 | 783,144        | 3,328,363 00 |
| Cod Tongues and Sounds ..... Brls.                          | 1,389     | 9,723 00     | 1,440          | 10,080 00    |
| Pollock ..... Cwt.  | 94,049    | 329,171 50   | 61,892         | 216,622 00   |
| Hake Sounds ..... Lbs.                                      | 59,290    | 59,290 00    | 34,297         | 34,297 00    |
| Hake and Haddock ..... Cwt.                                 | 246,969   | 864,391 50   | 198,998        | 689,493 20   |
| Halibut ..... Lbs.  | 959,650   | 57,579 00    | 1,445,590      | 85,055 40    |
| Mackerel ..... Brls.  | 88,668    | 886,680 00   | 156,063        | 1,560,630 00 |
| do preserved ..... Cans.                                    | 114,500   | 17,175 00    | 82,776         | 12,416 40    |
| Herring ..... Brls.   | 205,070   | 820,280 00   | 250,383        | 1,001,532 00 |
| do smoked ..... Boxes.                                      | 84,800    | 21,200 00    | 113,085        | 28,271 25    |
| do frozen or fresh ..... No.                                | 100,000   | 450 00       | lbs. 1,015,000 | 40,632 00    |
| Alowives ..... Brls.  | 18,346    | 73,384 00    | 21,375         | 85,500 00    |
| Shad ..... "  | 3,442     | 27,538 00    | 3,428          | 27,425 24    |
| Bas, Trout and Smelt ..... Lbs.                             | 488,505   | 29,310 30    | 533,517        | 32,011 02    |
| Eels ..... Brls.  | 2,308     | 20,772 00    | 2,581          | 23,229 00    |
| Oysters ..... "   | 1,343     | 4,029 00     | 1,595          | 4,785 00     |
| Lobsters, preserved ..... Cans.                             | 4,870,339 | 730,550 85   | 5,146,273      | 771,940 95   |
| do ..... Tons   | 39        | 1,560 00     |                |              |
| do in shell ..... Per M.                                    | 30,000    | 750 00       |                | 40,697 00    |
| do live ..... "   | 1,200,000 | 29,928 00    |                |              |
| Fish Roes ..... Brls.                                       | 8         | 32 00        |                |              |
| Fish Oils ..... Galls.                                      | 521,859   | 339,203 35   | 516,845        | 335,949 25   |
| Fish Guano ..... Tons.                                      | 1,598     | 23,970 00    | 1,517          | 22,755 00    |
| Fish used as bait ..... Brls.                               | 43,127    | 43,127 00    | 51,328         | 51,328 00    |
| do manure ..... "   | 23,693    | 11,846 50    | 28,423         | 14,211 50    |
| Mixed Fish in Digby and Yarmouth Counties ..... "           |           | 18,395 00    |                | 32,408 00    |
| Squid ..... Brls.   | 4,366     | 17,464 00    | 2,683          | 10,732 00    |
| Amount sold in Halifax Fish Market. ....                    |           | 31,500 00    |                | 52,400 00    |
| Home consumption of various Counties, as per return ..... " |           | 48,777 00    |                | 95,510 00    |
| Total ..... "   |           | 7,689,374 75 |                | 8,763,779 36 |
| Increase in 1884 ..... "                                    |           |              |                |              |

## COMPARATIVE STATEMENT.

Of Production in each Branch of Fishing, &amp;c.—Continued.

PROVINCE OF NEW BRUNSWICK.

| Kinds of Fish.                | 1883.     |            | 1884.               |            |                     |
|-------------------------------|-----------|------------|---------------------|------------|---------------------|
|                               | Quantity. | Value.     | Quantity.           | Value.     |                     |
|                               |           | \$ cts.    |                     | \$ cts.    |                     |
| Codfish.....                  | Cwt.      | 81,136     | 344,828 00          | 51,082     | 217,098 50          |
| Herring.....                  | Brls.     | 106,306    | 425,224 00          | 109,905    | 439,820 00          |
| do smoked.....                | Boxes.    | 1,137,830  | 284,457 50          | 1,794,400  | 448,600 00          |
| do frozen.....                | No.       | 20,775,000 | 124,650 00          | 14,851,500 | 89,109 00           |
| Mackerel.....                 | Brls.     | 4,166      | 41,660 00           | 5,657      | 56,570 00           |
| do preserved.....             | Cans.     | 235,310    | 35,446 50           | 95,197     | 14,279 55           |
| Haddock.....                  | Cwt.      | 17,022     | 59,577 00           | 15,379     | 53,826 50           |
| Pollock.....                  | "         | 11,524     | 40,334 00           | 16,743     | 58,600 50           |
| Hake.....                     | "         | 37,218     | 130,263 00          | 30,842     | 107,947 00          |
| Halibut.....                  | Lbs.      | 27,900     | 1,674 00            | 42,450     | 2,547 00            |
| Salmon, pickled.....          | Brls.     | 50         | 900 00              | 107        | 1,926 00            |
| do fresh, in ice.....         | Lbs.      | 765,972    | 153,194 00          | 1,707,983  | 215,596 60          |
| do preserved.....             | Cans.     | 8,650      | 1,730 00            | 11,362     | 2,272 40            |
| Alewives.....                 | Brls.     | 18,702     | 74,808 00           | 24,816     | 99,264 00           |
| Trout.....                    | Lbs.      | 56,055     | 3,363 30            | 70,943     | 4,256 58            |
| Smelt.....                    | "         | 3,822,793  | 229,367 58          | 5,801,560  | 348,093 60          |
| Shad.....                     | Brls.     | 3,634      | 29,076 00           | 4,305      | 34,440 00           |
| Eels.....                     | "         | 1,078      | 9,706 50            | 1,433      | 12,897 00           |
| Sturgeon.....                 | Lbs.      | 125,280    | 7,516 80            | 64,430     | 3,865 80            |
| Sardines.....                 | Hhds.     | 37,717     | 301,736 00          | 35,788     | 357,880 00          |
| Bass.....                     | Lbs.      | 298,162    | 17,889 72           | 298,150    | 17,889 00           |
| Pickrel.....                  | "         | 34,500     | 2,070 00            | 130,570    | 7,834 20            |
| Perch.....                    | "         | 10,450     | 627 00              | 12,000     | 720 00              |
| Oysters.....                  | Brls.     | 10,317     | 30,951 00           | 11,851     | 35,553 00           |
| Lobsters, preserved.....      | Cans.     | 4,042,964  | 608,443 10          | 5,662,072  | 849,310 80          |
| do.....                       | Tons.     | 925        | 27,750 00           | 1,709      | 51,270 00           |
| Cod Tongues and Sounds.....   | Brls.     | 147        | 1,029 00            | 146        | 1,022 00            |
| Hake Sounds.....              | Lbs.      | 40,785     | 40,785 00           | 32,452     | 32,452 00           |
| Fish Oil.....                 | Galls.    | 69,438     | 41,662 80           | 53,967     | 32,374 20           |
| Fish Guano.....               | Tons.     | 1,275      | 19,125 00           | 2,905      | 43,575 00           |
| Fish used as manure.....      | Brls.     | 23,971     | 11,985 50           | 24,397     | 12,198 50           |
| do bait.....                  | "         | 41,487     | 62,230 50           | 37,883     | 56,824 50           |
| Squid.....                    | "         | 104        | 298 00              | 493        | 1,972 00            |
| Frostfish and Flounders.....  | Lbs.      | 388,828    | 23,329 68           | 750,546    | 18,696 76           |
| Fish Roes.....                | Brls.     | 38         | 76 00               | 18         | 72 00               |
| <b>Total</b> .....            |           |            | <b>3,185,674 00</b> |            | <b>3,730,453 90</b> |
| <b>Increase in 1884</b> ..... |           |            |                     |            | <b>544,779 11</b>   |

## COMPARATIVE STATEMENT.

OF Production in each Branch of Fisheries, &amp;c.—Continued.

PROVINCE OF QUEBEC.

| Kinds of Fish.                          | 1883.     |              | 1884.     |              |
|---|-----------|--------------|-----------|--------------|
|   | Quantity. | Value.       | Quantity. | Value.       |
|   |           | \$ cts.      |           | \$ cts.      |
| Salmon, pickled..... Brls.              | 731½      | 10,972 50    | 1,122½    | 13,470 00    |
| do fresh, in ice..... Lbs.              | 340,142   | 23,809 94    | 395,443   | 36,374 44    |
| do preserved, in cans.....              | 3,633     | 514 95       | 4,715     | 607 25       |
| do smoked..... Boxes.                   | 1         | 10 00        |           |              |
| do fresh..... No.                       | 7,490     | 11,235 00    |           |              |
| Cod..... Cwt.                           | 245,097   | 980,388 00   | 168,165   | 672,680 00   |
| Haddock..... "                          | 1,312     | 5,248 00     | 681       | 2,724 00     |
| Ling..... "                             | 207       | 828 00       | 155       | 620 00       |
| Halibut..... Brls.                      | 245       | 1,470 00     | 262       | 1,572 00     |
| Herring, pickled..... "                 | 66,265    | 296,096 00   | 66,287    | 291,165 00   |
| do smoked..... Boxes.                   | 5,030     | 1,257 50     | 4,709     | 1,177 25     |
| Shad..... No.                           | 192,505   | 17,819 75    | 128,533   | 12,157 17    |
| Eels..... "                             | 480,859   | 48,085 90    | 419,464   | 41,946 40    |
| do pickled..... Brls.                   | 96        | 768 00       | 107       | 749 00       |
| Mackerel..... "                         | 3,149     | 25,192 00    | 1,584     | 12,627 00    |
| Sardines..... "                         | 15,294    | 45,896 00    | 8,895     | 26,720 00    |
| Sturgeon..... "                         | 1,866     | 9,330 00     | 1,638     | 8,190 00     |
| do..... Lbs.                            | 257,708   | 12,885 40    | 276,595   | 13,829 75    |
| Trout..... "                            | 525,900   | 35,740 00    | 542,050   | 37,558 00    |
| do..... Brls.                           | 159       | 1,272 00     | 146½      | 1,172 00     |
| Winnonish..... No.                      | 21,500    | 6,375 00     | 25,600    | 6,400 00     |
| Bar and Whitefish..... Doz.             | 14,050    | 27,562 50    | 15,008    | 18,760 00    |
| Whitefish..... "                        | 45,512    | 3,640 96     | 38,494    | 3,079 52     |
| Maskinongé..... Lbs.                    | 149,650   | 11,972 00    | 95,415    | 7,633 20     |
| Bass..... "                             | 181,783   | 14,542 64    | 219,294   | 17,543 52    |
| Pickarel..... "                         | 268,766   | 20,845 28    | 304,270   | 23,444 00    |
| Pike..... "                             | 454,820   | 21,601 00    | 453,153   | 23,723 65    |
| Tom Cod..... Brls.                      | 4,000     | 6,000 00     | 2,080     | 3,120 00     |
| Cod Tongues and Sounds..... "           | 409       | 3,681 00     | 420       | 3,780 00     |
| Lobsters, canned..... Lbs.              | 606,154   | 90,923 00    | 788,283   | 118,242 45   |
| Small and Mixed Fish..... Brls.         | 16,470    | 59,344 00    | 18,841    | 71,816 00    |
| Seal Skins..... No.                     | 19,186    | 19,136 00    | 10,369    | 10,369 00    |
| Porpoise Skins..... "                   | 87        | 298 00       | 83        | 332 00       |
| Seal Oil..... Galls.                    | 127,749   | 76,649 40    | 50,070    | 25,035 00    |
| Whale Oil..... "                        | 5,010     | 2,505 00     | 4,640     | 2,320 00     |
| Cod Oil..... "                          | 121,631   | 72,978 60    | 83,391    | 41,695 50    |
| Porpoise Oil..... "                     | 3,499     | 1,818 80     | 5,286     | 2,643 00     |
| Fish used as bait and manure..... Brls. | 106,868   | 95,291 00    | 73,541    | 66,812 75    |
| Fish used for local consumption..... "  | 18,996    | 75,984 00    | 18,123    | 72,492 00    |
| Total.....                              |           | 2,136,997 12 |           | 1,694,560 85 |
| Decrease.....                           |           |              |           | 444,436 27   |

**COMPARATIVE STATEMENT**  
Of Production in each Branch of Fisheries, &c.—*Continued.*  
PROVINCE OF PRINCE EDWARD ISLAND.

| Kinds of Fish.                      | 1883.     |           | 1884.               |           |                     |
|-------------------------------------|-----------|-----------|---------------------|-----------|---------------------|
|                                     | Quantity. | Value.    | Quantity.           | Value.    |                     |
|                                     |           | \$ cts.   |                     | \$ cts.   |                     |
| Codfish .....                       | Cwt.      | 26,702    | 113,483 50          | 19,843    | 84,332 75           |
| Herring .....                       | Brls.     | 46,440    | 185,760 00          | 36,217    | 144,868 00          |
| do preserved .....                  | Cans.     | 7,968     | 956 16              |           |                     |
| Mackerel .....                      | Brls.     | 28,170    | 281,700 00          | 16,866    | 168,660 00          |
| do preserved .....                  | Cans.     | 351,933   | 42,231 96           | 12,484    | 1,498 08            |
| Haddock .....                       | Lbs.      | 47,500    | 2,850 00            | 42,900    | 2,574 00            |
| Hake .....                          | Cwt.      | 9,036     | 31,720 50           | 9,231     | 32,308 50           |
| Salmon, fresh .....                 | Lbs.      | 7,630     | 1,144 50            | 6,634     | 995 10              |
| do .....                            | Cans.     | 300       | 75 00               | 500       | 125 00              |
| Alewives .....                      | Brls.     | 659       | 2,306 50            | 1,483     | 5,190 50            |
| Halibut .....                       | Lbs.      | 4,500     | 270 00              | 5,975     | 358 50              |
| Bass .....                          | "         |           |                     | 60        | 3 60                |
| Trout .....                         | "         | 43,880    | 2,632 00            | 44,880    | 2,692 80            |
| Smelts .....                        | "         | 55,450    | 3,327 00            | 74,150    | 4,449 00            |
| Eels .....                          | "         | 55,600    | 3,336 00            | 79,640    | 4,778 40            |
| Shad .....                          | "         | 400       | 24 00               | 600       | 36 00               |
| Oysters .....                       | Brls.     | 38,880    | 116,640 00          | 28,290    | 84,870 00           |
| Lobsters, preserved .....           | Lbs.      | 3,844,573 | 461,348 76          | 4,336,655 | 520,398 60          |
| Cod and Hake Sounds .....           | "         | 15,612    | 10,147 80           | 16,888    | 10,977 20           |
| Fish Oil .....                      | Galls.    | 17,193    | 11,175 45           | 13,081    | 8,502 65            |
| Manure .....                        | "         | 1,338     | 1,338 00            | 3,500     | 3,500 00            |
| Fresh fish, local consumption ..... |           |           |                     | 150,000   | 4,500 00            |
| <b>Total .....</b>                  |           |           | <b>1,372,467 93</b> |           | <b>1,085,618 68</b> |
| <b>Decrease .....</b>               |           |           |                     |           | <b>186,849 25</b>   |

## COMPARATIVE STATEMENT

Of Production in each Branch of Fisheries, &amp;c.—Continued.

PROVINCE OF BRITISH COLUMBIA.

| Kinds of Fish.                                   | 1883.     |              | 1884.       |              |
|--|-----------|--------------|-------------|--------------|
|  | Quantity. | Value.       | Quantity.   | Value.       |
|  |           | \$ cts.      |             | \$ cts.      |
| Salmon, pickled..... Brls.                       | 4 717     | 42,453 00    | 5,636½      | 50,728 50    |
| do fresh..... No.                                | 110,174   | 33,052 20    | 173,056     | 57,916 80    |
| do preserved in cans..... Lbs.                   | 9,422,016 | 1,079,606 00 | 6,779,616   | 776,831 00   |
| do smoked..... " "                               | 399,393   | 55,915 02    | 367,000     | 51,380 00    |
| Mixed Fish, pickled..... Brls.                   | 150       | 970 00       |             |              |
| Herring..... " "                                 | 36        | 288 00       | lbs. 34,550 | 1,727 50     |
| do..... " "                                      | 150       | 637 50       |             |              |
| do smoked..... " "                               |           | 5,000 00     |             | 6,500 00     |
| Trout, fresh..... Lbs.                           | 64,300    | 4,501 00     | 76,050      | 5 323 00     |
| Sturgeon, fresh..... "                           | 68,960    | 4,137 60     | 352,900     | 17,645 00    |
| Clams, canned..... " "                           | 8,640     | 1,080 00     | 14,400      | 1,800 00     |
| Haddock..... " "                                 |           | 27,900 00    |             |              |
| Whiting..... " "                                 | 25,000    | 1,530 00     | 240,700     | 9,628 00     |
| Halibut, fresh, in ice..... " "                  |           | 1,500 00     | 150,000     | 9,000 00     |
| Oysters..... Brls.                               |           |              | 220         | 1,250 00     |
| Ooláhans, pickled..... { Half " "                | 150       | 1,200 00     |             |              |
| do..... { " " "                                  | 50        | 212 50       |             |              |
| do..... { " Kitts.                               | 35        | 103 00       | lbs. 33,000 | 2,640 00     |
| do smoked..... Boxes.                            | 4,050     | 4,050 00     | lbs. 28,000 | 2,800 00     |
| do fresh..... Lbs.                               | 30,000    | 1,800 00     | 37,500      | 2,250 00     |
| Fur Seal Skins..... No.                          | 9,195     | 91,950 00    |             |              |
| Hair do..... " "                                 | 2,900     | 1,450 00     |             | 156,419 00   |
| Sea Otter Skins..... " "                         | 96        | 4,800 00     |             |              |
| Ooláhan Oil..... Gallis                          | 1,100     | 1,000 00     | 43          | 43 00        |
| Herring and Salmon Oil..... " "                  | 24,200    | 9,680 00     | 1,452       | 580 00       |
| Dog-fish, Seal and Porpoise Oil..... " "         | 217,419   | 86,967 60    | 10,000      | 3,500 00     |
| do Oil, refined..... " "                         | 40,000    | 22,000 00    | 45,000      | 24,800 00    |
| Fresh fish sold in markets..... " "              |           | 105,000 00   |             | 110,000 00   |
| Fish for home consumption, Chinese laborers..... |           | 54,000 00    |             | 68,000 00    |
| Fish Scrap, dried..... Tons.                     | 20        | 300 00       |             |              |
| Fish, fresh, assorted..... Lbs.                  | 25,500    | 1,530 00     | 58,400      | 3,504 00     |
| Total.....                                       |           | 1,644,645 42 |             | 1,358,267 10 |
| Decrease.....                                    |           |              |             | 286,378 32   |

## COMPARATIVE STATEMENT

Of Production in each Branch of Fisheries, &c.—*Concluded.*

PROVINCE OF ONTARIO.

| Kinds of Fish.   | 1883.     |              | 1884.     |              |
|--|-----------|--------------|-----------|--------------|
|  | Quantity. | Value.       | Quantity. | Value.       |
|  |           | \$ cts.      |           | \$ cts.      |
| Whitefish..... Brls.   | 1,862     | 18,620 00    | 2,078     | 20,780 00    |
| do ..... Lbs.  | 3,074,520 | 245,961 60   | 3,101,397 | 248,111 76   |
| Trout ..... Brls.  | 3,940     | 39,400 00    | 3,400     | 34,000 00    |
| do ..... Lbs.  | 3,941,159 | 315,292 73   | 4,631,814 | 370,545 12   |
| Herring ..... Brls.  | 19,414    | 97,070 00    | 30,449    | 152,245 00   |
| Maskinongé ..... Lbs.  | 621,420   | 37,285 20    | 532,335   | 31,940 10    |
| Bass ..... do  | 689,408   | 41,364 48    | 538,852   | 35,331 12    |
| Pickarel ..... do  | 1,368,273 | 82,066 38    | 1,336,231 | 80,173 86    |
| Pike ..... do  | 475,200   | 23,760 00    | 262,795   | 12,639 75    |
| Sturgeon ..... do  | 589,330   | 29,466 50    | 907,381   | 45,369 05    |
| Fels..... do   |           |              | 22,300    | 1,115 00     |
| Coarse Fish ..... Brls.                                      | 15,230    | 60,920 00    | 2,526,850 | 75,805 50    |
| Fish for home consumption, not included<br>in the above..... |           | 35,796 00    | 855,600   | 25,668 00    |
| Total .....  |           | 1,027,032 88 |           | 1,133,724 26 |
| Increase .....   |           |              |           | 106,691 38   |

## RECAPITULATION.

| PROVINCES.                 | Value.        |               |
|----------------------------|---------------|---------------|
|                            | 1883.         | 1884.         |
|                            | \$ cts.       | \$ cts.       |
| NOVA SCOTIA .....          | 7,689,374 75  | 8,763,779 36  |
| NEW BRUNSWICK.....         | 3,185,674 88  | 3,730,453 99  |
| QUEBEC .....               | 2,138,997 12  | 1,691,560 85  |
| PRINCE EDWARD ISLAND ..... | 1,272,467 93  | 1,085,618 68  |
| BRITISH COLUMBIA .....     | 1,644,645 42  | 1,358,267 10  |
| ONTARIO .....              | 1,027,032 88  | 1,133,724 26  |
| Total .....                | 16,958,192 98 | 17,766,404 24 |
| Increase .....             |               | 808,211 26    |

## EXPENDITURE.

The total expenditure for the Fisheries Service during the financial year ending 30th June, 1884, amounted to \$116,531.64, as follows :—

|  |             |
|--|-------------|
| General service.....   | \$69,011 06 |
| Fish-breeding .....  | 27,585 07   |
| Maintenance of fisheries protection steamer "La<br>Canadienne" ..... | 19,935 53   |

This expenditure is sub-divided as follows :—

*Nova Scotia.*

|   |                  |
|---|------------------|
| Fishery officers' salaries and disbursements. | \$15,600 01      |
| Fish-breeding.....                            | 4,728 11         |
|   | <u>20,328 12</u> |

*New Brunswick.*

|   |                  |
|---|------------------|
| Fishery officers' salaries and disbursements. | \$14,388 02      |
| Fish-breeding.....                            | 2,327 06         |
|   | <u>16,715 08</u> |

*Quebec.*

|   |                  |
|---|------------------|
| Fishery officers' salaries and disbursements. | \$13,186 26      |
| Fish-breeding.....                            | 8,512 11         |
|   | <u>21,698 37</u> |

*Prince Edward Island.*

|   |                 |
|---|-----------------|
| Fishery officers' salaries and disbursements. | \$2,767 98      |
| Fish-breeding .....                           | 771 40          |
|   | <u>3,539 38</u> |

*British Columbia.*

|   |                 |
|---|-----------------|
| Fishery officers' salaries and disbursements. | \$2,231 97      |
| Building fish hatchery.....                   | 3,704 31        |
|   | <u>5,936 28</u> |

*Ontario.*

|   |                  |
|---|------------------|
| Fishery officers' salaries and disbursements. | \$15,192 73      |
| Fish-breeding.....                            | 8,011 17         |
|   | <u>23,203 90</u> |

*Manitoba.*

|   |        |
|---|--------|
| Fishery officers' salaries and disbursements..... | 872 40 |
|---|--------|

*Miscellaneous.*

|  |                  |
|--|------------------|
| Legal and incidental expenses .....          | \$1,003 72       |
| Advertising.....                             | 63 66            |
| Fish-breeding, salary of Superintendent..... | 1,999 96         |
| do building fish-ways, &c.....               | 1,235 26         |
| Fisheries protection vessel "La Canadienne"  | 19,935 53        |
|  | <u>24,238 13</u> |

Total.....\$116,531 66



The expenses incurred for fish culture are also sub-divided as follows, among eleven fish hatcheries :—

|   |            |             |
|---|------------|-------------|
| <i>Ontario.</i>                               |            |             |
| Newcastle.....                                | \$4,985 05 |             |
| Sandwich.....                                 | 3,026 12   |             |
|   | —————      | \$8,011 17  |
| <i>Quebec.</i>                                |            |             |
| Tadoussac.....                                | \$2,232 25 |             |
| Gaspé Basin .....                             | 1,932 43   |             |
| Magog.....                                    | 2,009 32   |             |
| Ristigouche (Quebec and New Brunswick).....   | 2,338 11   |             |
|   | —————      | 8,512 11    |
| <i>Nova Scotia.</i>                           |            |             |
| Bedford Basin .....                           | \$2,639 85 |             |
| Sydney .....                                  | 2,088 26   |             |
|   | —————      | 4,728 11    |
| <i>New Brunswick.</i>                         |            |             |
| Miramichi .....                               | \$1,226 14 |             |
| St. John River.....                           | 1,100 92   |             |
|   | —————      | 2,327 06    |
| <i>Prince Edward Island.</i>                  |            |             |
| Dunk River .....                              |            | 771 40      |
| <i>Miscellaneous.</i>                         |            |             |
| Salary of Superintendent .....                | \$1,999 96 |             |
| Building fish-ways and incidental expenses... | 1,235 26   |             |
|   | —————      | 3,235 22    |
|   | —————      | 3,235 22    |
| Total.....                                    |            | \$27,585 07 |

## RECEIPTS.

The collections made during the fiscal year are arranged under the following heads :—

*Ontario.*

Rents, license fees and fines ..... \$11,345 14

*New Brunswick.*

Rents, taxes on nets, and fines ..... 3,905 66

*Quebec.*

Rents, license fees and fines ..... 2,715 02

*Nova Scotia.*

Fishery licenses and fines ..... 1,833 18

*British Columbia.*

Salmon fishery licenses ..... 127 50

*Prince Edward Island.*

License fees ..... 80 00

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\$20,065 50

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## LICENSES ISSUED.

The number of fishery licenses issued during the season of 1884 is as follows:—

*Ontario.*

|                               |       |       |
|-------------------------------|-------|-------|
| Gill-net license .....        | 472   |       |
| Hoop-net do .....             | 75    |       |
| Pound-net do .....            | 111   |       |
| Seine do .....                | 304   |       |
| Angling permits .....         | 1,909 |       |
| Spearing licenses .....       | 72    |       |
| Dip-nets and night lines..... | 46    |       |
|                               | ————  | 2,989 |

*Quebec.*

|                                  |      |     |
|----------------------------------|------|-----|
| Salmon-net fishing licenses..... | 367  |     |
| Brush-weir do .....              | 45   |     |
| Eel-weir do .....                | 8    |     |
| Seine do .....                   | 196  |     |
| Gill-net do .....                | 175  |     |
| Dip-nets, hoop-nets, &c .....    | 143  |     |
| Pound-net licenses .....         | 2    |     |
|                                  | ———— | 936 |

*New Brunswick.*

|                                  |       |       |
|----------------------------------|-------|-------|
| Salmon-net fishing licenses..... | 553   |       |
| Herring-weir do .....            | 196   |       |
| Bass do .....                    | 228   |       |
| Smelt do .....                   | 1,146 |       |
| Sturgeon do .....                | 33    |       |
| Trap-net do .....                | 2     |       |
|                                  | ————  | 2,168 |

*Nova Scotia.*

|                        |    |
|------------------------|----|
| Trap-net licenses..... | 68 |
|------------------------|----|

*British Columbia.*

|                                   |    |
|-----------------------------------|----|
| Salmon-net fishing licenses ..... | 30 |
| Oyster fishery leases.....        | 2  |

*Prince Edward Island.*

|                        |   |
|------------------------|---|
| Trap-net licenses..... | 2 |
|------------------------|---|

|             |       |
|-------------|-------|
| Total ..... | 6,195 |
|-------------|-------|

## FISH-BREEDING.

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Thirteen establishments for the artificial propagation of fish are now in actual operation in the several Provinces of the Dominion of Canada. These are at the present time largely filled with fish eggs, collected at various points during the spawning season of 1884.

The total number of young fish of various kinds hatched and distributed in 1884 amounted to 53,143,000, and the total quantity of fish eggs laid down in all the hatcheries during the fall of the same year was 66,033,000.

Mr. S. Wilmot's Report and other detailed statements connected with fish-breeding operations during the year 1884 will be found at Part II of the present Report.

## FISHING BOUNTIES.

The total number of Bounty Claims received in 1883 was 13,604. Of this number, 523 were rejected for non-compliance with the requirements of the law and instructions. The total number paid during the above named year was 13,081; an increase of 1,109 over the year 1882.

The total amount of Bounties paid to vessels and boats was \$130,227.35.

The number of vessels claiming the Bounty was 902, with a tonnage of 34,549 tons, an increase of 116 vessels, with a tonnage of 6,938 tons, over 1882. This large increase is chiefly made up in the Province of Nova Scotia, and was the means of distributing among the owners and crews of that Province a sum of \$10,000 in excess of that of the previous year.

The number of boats which received the Bounty was 12,272, as against 11,225 in 1882; an increase of 1,047 boats.

Owing to the inadequacy of the grant, it was found impossible to continue the system of doubling the rate to boats, inaugurated in 1882, and the former rate of \$2.50 per man had to be adhered to.

Since the publication of the preliminary report the sum of \$117.50 has been paid on suspended claims for the year 1883, as follows:—

### PROVINCE OF QUEBEC.

#### SAGUENAY COUNTY—VESSELS.

| Official No. | Name of Vessel.   | Port of Registry. | Tonnage. | Name of Owner.        | Residence.        | No. of Crew. | Amount of Bounty Paid. |
|--------------|-------------------|-------------------|----------|-----------------------|-------------------|--------------|------------------------|
| 55863        | Maria Delvina.... | Quebec.....       | 13       | Cyrille Levesque..... | Green Island .... | 4            | \$ cts.<br>26 00       |
| 66028        | Emerillon .....   | do .....          | 14       | Auguste Michaud. ...  | Isle Verte.....   | 2            | 28 00                  |
|              | Totals .....      | .....             | 27       | .....                 | .....             | 6            | 54 00                  |

## BOATS.

| Province.                  | County.          | No. of Boats. | No. of Men. | Amount Paid.    |
|----------------------------|------------------|---------------|-------------|-----------------|
| Nova Scotia .....          | Richmond .....   | .....         | 3           | \$ cts.<br>9 00 |
| do .....                   | Victoria .....   | 2             | 16          | 40 00           |
| Total .....                | .....            | 2             | 19          | 49 00           |
| New Brunswick .....        | Gloucester ..... | .....         | 1           | 4 50            |
| Prince Edward Island ..... | Prince .....     | 1             | 3           | 7 50            |
| Quebec .....               | Gaspé .....      | .....         | 1           | 2 50            |
| Totals .....               | .....            | 3             | 24          | 63 50           |

Full details showing the amounts paid to vessels and boats in each Province are given at page 54 and following, of this report.

For the better information and guidance of fishermen claiming bounty for the year 1884, and others engaged in the transmission of claims and the distribution of the money, the following circular was distributed amongst claimants :—

## FISHING BOUNTIES, 1884.

## INSTRUCTIONS TO CLAIMANTS.

*Boats.*

1. Claimants to fishing bounty must have been engaged at least three months in seafishing, exclusive of salmon, shad, lobster and other fish and fisheries exempted from the operation of the Washington Treaty, and have caught not less than 2,500 pounds of sea-fish per man.

2. No bounty will be paid to boats measuring less than 14 feet keel, and no more than three men (the owner included) will be allowed as claimants in boat under 20 feet.

3. Dates and localities of fishing must be stated in the claim, as well as the quantity and kinds of sea-fish caught.

4. Ages of men must be given.

5. Returns must be sworn to as true and correct in all their particulars.

6. Only one claim will be allowed in each season, even though the claimant may have fished in two vessels, or in a vessel and a boat, or in two boats. Any person or persons detected making false returns will be debarred from participation in the bounty.

7. Claims must be filed on or before the 31st December.

8. Customs officers and fishery overseers will supply the requisite blanks, free of charge, and, after certifying the same, will transmit them to the Department of Fisheries.

*Vessels.*

9. Canadian registered vessels of 10 tons and upwards (up to 80 tons) which have been engaged during a period of three months in the catch of sea-fish not exempted under the Washington Treaty, are entitled to a bounty of \$2 per ton, one-half of which is payable to the owner or owners, and the other half to the crew.

10. Owners of vessels may, after the present season, and before proceeding on a fishing voyage, be required to procure a license from the nearest Collector of Customs, who will, subsequently, grant a certificate, stating that all the requirements of the statute have been complied with, and upon this certificate being filed with the claim, the bounty will be paid.

11. Directions contained in paragraphs 3, 4, 5, 6, 7 and 8 apply to vessels as well as to boats.

CONCLUSION.

The importance of the interests administered by this Department renders it imperative that, the fishery laws and regulations be enforced in a firm, though considerate, manner. In this connection, it might be mentioned that fishermen, as a rule, do not fully realize the importance of protective measures, and fail in many cases to support the Department in its endeavors to carry out a wise policy for the preservation of breeding fish, and the ultimate benefit of fishermen themselves. The above remarks apply with special force to the salmon and lobster fisheries.

I have the honour to be, Sir,

Your obedient servant,

JOHN TILTON,

*Deputy Minister of Fisheries.*

STATEMENT of Fines imposed and moieties thereof received by the Department of Fisheries, for violations of the Fisheries Act and Regulations, during the Year 1884.

| Names.                 | Nature and Place of Offence.  | Amount of Penalty. | Amount received by Department. | Remarks.   |
|------------------------|---|--------------------|--------------------------------|--|
|                        |   | \$ cts.            | \$ cts.                        |  |
| R. J. Allen.....       | Fishing with nets on Sunday at Niagara River.....                         | 2 00               | 1 00                           |  |
| L. Coreyel.....        | Spearing fish at Lake Scugog, Ont.....                                    | 7 00               | 3 50                           |  |
| Jess- King.....        | do do.....  | 2 00               | 1 00                           |  |
| Nicholas Mark.....     | do do.....  | 1 00               | 0 50                           |  |
| Geo Tripp.....         | do do.....  | 1 00               | 0 50                           |  |
| S. Harrington.....     | do in River Thames, Ont.....  | 5 00               | 2 50                           |  |
| H. H. Symes.....       | do do.....  | 5 00               | 2 50                           |  |
| Wm. Oliver.....        | do do.....  | 5 00               | 2 50                           |  |
| Jerry Collins.....     | Catching bass during close season.....                                    | 2 00               | 1 00                           |  |
| Wm. Scicily.....       | do do.....  | 2 00               | 1 00                           |  |
| Wm. Mukem.....         | do do.....  | 2 00               | 1 00                           |  |
| Lyman Shaw.....        | Spearing fish in River Thames.....  | 1 00               | 0 50                           |  |
| T. T. Shaw.....        | do do.....  | 1 00               | 0 50                           |  |
| Adorum Ereringham..... | Fishing on Sunday in River Thames.....                                    | 5 00               | 2 50                           |  |
| Jas. Moir.....         | do do.....  | 5 00               | 2 50                           |  |
| John McLeod.....       | Allowing sawdust to fall into Saugeen River, Ont.....                     | 5 00               | 5 00                           |  |
| Noah Wingar.....       | do do do.....   | 20 00              | 20 00                          |  |
| Thos. Egan.....        | Allowing sawdust to fall into stream at Tecumseth, Ont.....               | 15 00              | 7 50                           |  |
| Thos. White.....       | do do do.....   | 5 00               | 2 50                           |  |
| Jas. Densmore.....     | Allowing sawdust into stream at Mulmer.....                               | 5 00               | 2 50                           |  |
| Henry Welch.....       | do do do.....   | 5 00               | 2 50                           |  |
| M. N. Stephens.....    | do do Glencairn..   | 5 00               | 2 50                           |  |
| Jno. McClinchy.....    | do do Tosorontio..  | 15 00              | 7 50                           |  |
| Jno. Smith.....        | do do Poda Mills.   | 20 00              | 10 00                          |  |
| Jas. Greenly.....      | do do Essa.   | 25 00              | 12 50                          |  |
| Solomon Conn.....      | do do Carluke.....  | 10 00              | 5 00                           |  |
| Beardmore & Co.....    | Allowing refuse from tannery into stream at Acton, Ont.....               | 20 00              | 20 00                          |  |
| James Moore.....       | Allowing refuse into Credit River, Ont.....                               | 20 00              | 20 00                          |  |
| J. P. Speight.....     | Allowing sawdust into Acton Creek.....                                    | 20 00              | 20 00                          |  |
| W. W. & C. Medler..... | Spearing fish at Rice Lake, Ont.....                                      | 50 00              | 25 00                          |  |
| Sid Wannamaker.....    | Fishing during close season at Rice Lake....                              | 20 00              | 10 00                          | Only one-half fine realized on distress warrant. |
| Trueman Aldridge...    | Allowing sawdust to escape into Muskoka River, Ont.....                   | 50 00              | 49 70                          |  |
| Herbert A. Richards.   | Barring channel, Boyne River, Ont.....                                    | 1 00               | 1 00                           |  |
| Paul Bisette.....      | Having in possession illegally caught fish....                            | 5 00               | 5 00                           |  |
| Jos. Amuer.....        | Killing pickerel during close season at Georgian Bay, Ont.....            | 5 00               | 5 00                           |  |
| Wm. H. Graham.....     | do do.....  | 5 00               | 5 00                           |  |
| Cleophas Hubert.....   | do do.....  | 5 00               | 5 00                           |  |
| J. B. Smith.....       | Allowing sawdust to escape into Mad River, Ont.....                       | 5 00               | 5 00                           |  |
| W. J. Hurd.....        | do do.....  | 20 00              | 20 00                          |  |
| Chas. White.....       | Neglecting to remove salmon fishing pickets, S. W. River, Gaspé, Que..... | 1 00               | 1 00                           |  |
| O. LeBoutillier.....   | do do.....  | 1 00               | 1 00                           |  |



STATEMENT of Fines imposed and moieties thereof received by the Department of Fisheries, &c.—*Concluded.*

| Names.                     | Nature and Place of Offence.   | Amount of Penalty. | Amount received by Department. | Remarks.  |
|----------------------------|--|--------------------|--------------------------------|---|
|                            |  | \$ cts.            | \$ cts.                        |   |
| Philip Warren.....         | Killing trout during close season, L. Pabos River, Que.....          | 1 00               | 1 00                           |   |
| Sylvain Johnstone...       | do do do do .....  | 1 00               | 1 00                           |   |
| Horace Gagnon.....         | Allowing sawdust to escape into Lake Megantic, Que.....              | 5 00               | 5 00                           |   |
| Chas. Dertilly.....        | Fishing during close season at Lake Megantic, Que.....               | 2 00               | 1 00                           |   |
| Jno. Mulligan.....         | Fishing during close season at Upper Ottawa, Que.....                | 2 00               | 1 00                           |   |
| Thos. Copeland.....        | Drifting for salmon, Restigouche River, Que.                         | 10 00              | 10 00                          |   |
| Geo. Shorey.....           | Killing salmon during close time at Red Bank, Ristigouche River..... | 5 00               | 5 00                           |   |
| John Doyle.....            | Setting net too close to mouth of brook at Ingonish, N.S.....        | 5 00               | 3 00                           | \$2 incurred in expenses.   |
| Jno McInnis .....          | Catching lobsters under size, North Wallace, N.S.....                | 5 00               | 5 00                           |   |
| Z. Y. McKay.....           | Catching lobsters under size, South Wallace, N.S.....                | 5 00               | 5 00                           |   |
| Albert Hobart.....         | Allowing sawdust to escape into River at South Maitland, N.S.....    | 20 00              | 20 00                          |   |
| G. E. Cossaboom.....       | Having no gate in weir at Smith's Cove, N.S.                         | 10 00              | 10 00                          |   |
| Jno. Lockwood.....         | Allowing sawdust to fall into Joggins River, N.S.....                | 20 00              | 20 00                          |   |
| Absalom Hurlburt, jun..... | Fishing for salmon during weekly close time, Wilson's Lake, N.S..... | 5 00               | 2 50                           |   |
| Caleb Trefry.....          | Fishing on Sunday at Wilson's Falls, N.S....                         | 5 00               | 5 00                           |   |
| J. White.....              | Setting salmon nets illegally at Little River, C.B.....              | 5 00               | 5 00                           |   |
| Jas. Logan.....            | Throwing fish offal overboard at Cow Bay, C.B.....                   | 10 00              | 5 00                           |   |
| W. McCharles.....          | Spearing in Middle River, C.B.....                                   | 4 00               | 4 00                           |   |
| Jno. McColm.....           | Having in possession under sized bass at North Esk, N.B.....         | 20 00              | 16 12                          | \$11.64 of these fines were disbursed by overseer in connection with suits. |
| D. Dennett.....            | Seining in Miramichi River, N.B.....                                 | 8 00               | 4 12                           |   |
| John McColm.....           | Having in possession grilse at North Esk, N.B.....                   | 18 00              | 14 12                          |   |
| Geo. Sutherland.....       | Setting nets unlawfully, Miramichi River, N.B.....                   | 1 00               | 1 00                           |   |
| Allen Arbo.....            | do do do do .....  | 1 00               | 1 00                           |   |
| Daniel Lyons.....          | Spearing in Miramichi River, N.B.....                                | 1 00               | 1 00                           |   |
| J. S. Fairly.....          | Spearing at Rocky Brook Landing, N.B.....                            | 4 00               | 4 00                           |   |
| Lucas Poirier.....         | Fishing smelts without license at Cocagne, N.B.....                  | 1 00               | 1 00                           |   |
| Wilfred Poirier.....       | do do do do .....  | 1 00               | 1 00                           |   |
|                            |  | 579 00             | 454 06                         |   |

## APPENDIX No. 1.

# SCHEDULE OF FISHERY OFFICERS

## IN THE DOMINION OF CANADA,

### PROVINCE OF ONTARIO.

| Name.                  | District.  | Address.              | Overseer<br>or<br>Warden. | Salary.  |
|------------------------|--|-----------------------|---------------------------|----------|
|                        |  |                       |                           | \$ cts.  |
| James Dickson.....     | Slate Island to Pigeon River, Lake Superior.....   | Port Arthur.....      | Overseer..                | 100 00   |
| Joseph Wilson.....     | Thessalon River, Lake Huron, to Slate Island, Lake Superior.....   | Sault Ste. Marie..... | do ...                    | 200 00   |
| Donald A. Cameron..... | Lake Huron, from the foot of Lake George to Little Current, including St. Joseph, Cockburn, Manitoulin and adjacent islands..... | do .....              | do ...                    | 200 00   |
| Samuel Frazer.....     | Georgian Bay, from Allanwood to Victoria Harbour .....   | Midland .....         | do ...                    | 100 00   |
| P. M. G. Fraser....    | do from Victoria Harbour to Parry Sound.....   | Victoria Harbour..... | do ...                    | 100 00   |
| Solomon James.....     | do from Parry Sound to Waddle's Mills, Collins' Inlet.....   | Shawanaga, Parry S'd. | do ...                    | 100 00   |
| George R. Steele...    | Inland waters of Parry Sound district.   | McKellar .....        | do ...                    | 100 00   |
| Geo. S. Miller.....    | Owen Sound to Cape Hurd.....   | Owen Sound.....       | do ...                    | 100 00   |
| James Muir.....        | Point Clark to Cape Hurd, including adjacent islands.....  | Port Elgin.....       | do ...                    | 100 00   |
| Hugh McFayden...       | Head waters of Saugeen River, and tributaries.....   | Durham.....           | do ...                    | 40 00    |
| A. C. McKinnon...      | Kettle Point to Point Clarke, Lake Huron.....  | Goderich .....        | do ...                    | 100 00   |
| David McMaster....     | Baby's Point, on River St. Clair, to Kettle Point, on Lake Huron.....  | Sarnia.....           | do ...                    | 200 00   |
| Chas. W. Raymond       | Lake St. Clair.....  | Mitchell's Bay.....   | do ...                    | 50 00    |
| J. B. Moody.....       | North Branch, Sydenham River, from its junction with the main river, at Wallaceburg, to its source.....                          | Waubuno.....          | do ...                    | 50 00    |
| P. McCarron.....       | Sydenham River and tributaries.....  | Wallaceburg.....      | do ...                    | 100 00   |
| Peter McCann.....      | Thames River, from Thamesville to London.....  | London.....           | do ...                    | 250 00   |
| Angus Brady.....       | Thames River, from Lewisville to Cashmere.....   | Bothwell .....        | do ...                    | 40 00    |
| Timothy McQueen.       | Mouth of Thames River to Lewisville.   | Chatham .....         | do ...                    | 75 00    |
| A. Quenneville.....    | Lake St. Clair, from Stony Point to division line between Dover East and West, including mouth of River Thames.....              | Stony Point.....      | Warden ...                | 20 00    |
| E. Boismier.....       | Baptiste Creek, on Lake St. Clair, to mouth of Detroit River.....  | Sandwich.....         | Overseer..                | 300 00   |
| Wm. Prosser.....       | Lake Erie, from mouth of Detroit River to Point Pelée.....   | Leamington.....       | do ...                    | 100 00   |
| James Cummins....      | Point Pelée Island.....  | Kingsville .....      | Warden ...                | 50 00    |
| John McMichael....     | Lake Erie frontage, County of Kent....   | Rond Eau.....         | Overseer..                | 50 00    |
| Alex. McBride.....     | Lake Erie frontage, County of Elgin.   | St. Thomas.....       | do ...                    | 50 00    |
|                        | Carried forward.....   |                       |                           | 2,575 00 |

SCHEDULE of Fishery Officers in the Dominion, &c.—Continued.

PROVINCE OF ONTARIO—Continued.

| Name.               | District.  | Address.              | Overseer or Warden. | Salary.             |
|---------------------|--|-----------------------|---------------------|---------------------|
|                     | Brought forward.....   |                       |                     | \$ cis-<br>2,575 00 |
| David Sharp.....    | That part of the Counties of Norfolk and Haldimand fronting on Lake Erie, and extending from the division line between the Counties of Elgin and Norfolk to the division line between the Townships of Rainham and South Cayuga..... | Port Eyerse.....      | Overseer ..         | 200 00              |
| W. A. McCrae.....   | Grand River from mouth to Caledonia, and that part of Lake Erie extending from South Cayuga to Moulton Bay.....  | Dunnville.....        | do ...              | 100 00              |
| W. P. Croome.....   | Grand River and its tributaries, from Brantford upwards.....   | Brantford.....        | do ...              | 100 00              |
| John W. Kerr.....   | Whitby Harbour to Moulton Bay.....   | Hamilton.....         | do ...              | 500 00              |
| Peter Price.....    | Long Point.....  | St. Williams.....     | do ...              | 50 00               |
| W. D. Pollock.....  | Twelve and Sixteen Mile Creeks, County of Halton.....  | Bronte.....           | Warden ...          | 30 00               |
| Andrew Hughson.     | River Credit, from Orangeville to Norval, together with the Townships of Mono, East Garafraxa, Albion, Amaranth, Luther and Caledon to Church's Mills Cataract.....  | Orangeville.....      | Overseer..          | 50 00               |
| Wellington Hull...  | Rivers Credit and Speed, with their tributaries, in the Townships of Eramosa, Erin, Carleton and Esquessing.....   | Erin.....             | do ...              | 50 00               |
| Alex. Blakely.....  | River Credit, from mouth of river up to Norval.....  | Port Credit.....      | do ...              |                     |
| Charles Gilchrist.. | Rice Lake and that part of Lake Ontario, fronting on the County of Northumberland.....   | Harwood.....          | do ...              | 400 00              |
| Nelson Simmons...   | Trent River, Counties of Northumberland and Hastings.....  | Meyersburg.....       | do ...              | 100 00              |
| Jos. Redmond.....   | County of Prince Edward.....   | Picton.....           | do ...              | 300 00              |
| Charles Wilkins...  | Waters of the Bay of Quinté, fronting on the County of Hastings, and from Carrying Place eastward to Mill Point, County of Prince Edward.....  | Belleville.....       | do ...              | 400 00              |
| A. D. Sills.....    | Lake shore and inland waters, County of Lenoxx and Addington, including Amherst Island.....  | Napanee.....          | do ...              | 150 00              |
| Peter Kiel.....     | Wolfe Island.....  | Wolfe Island.....     | do ...              | 200 00              |
| Nassau Acton.....   | Gananoque River and the St. Lawrence River, from Wolfe Island to Jackstraw Lighthouse.....   | Gananoque..           | do ...              | 100 00              |
| Thomas Merritt...   | Townships of Storrington, Pittsburg and Kingston, County of Frontenac  | Kingston.....         | do ...              | 100 00              |
| John Cox.....       | Howe Island.....   | Howe Island.....      | do ...              | 50 00               |
| John Mooney.....    | Brockville to Cornwall.....  | Prescott.....         | do ...              | 200 00              |
| John Wallace.....   | Rockport to Gananoque.....   | Lansdown.....         | Warden.....         | 50 00               |
| Henry Hunt.....     | Larue's Island.....  | Rockport.....         | do ...              | 20 00               |
| William Pool.....   | Brockville to Rockport.....  | Grenadier Island..... | Overseer..          | 50 00               |
| T. McGarity.....    | Counties of Stormont and Glengarry.  | Cornwall.....         | do ...              | 50 00               |
| O. Miron.....       | South Nation River, County of Prescott.....  | Curran.....           | do ...              | 30 00               |
|                     | Carried forward.....   |                       |                     | 5,855 00            |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF ONTARIO—Continued.

| Name.                 | District.  | Address.                                 | Overseer<br>or<br>Warden. | Salary.        |
|-----------------------|--|--|---------------------------|----------------|
|                       |  |  |                           | \$ cts.        |
|                       | Brought forward.....   |  |                           | 5,855 00       |
| Wm. Eoucher.....      | Waters of Co. Carleton .....   | South March.....                         | Overseer .                | 250 00         |
| Arch. Acheson.....    | Lower Allumette and Coulonge Lakes   | Westmeath .....                          | do ...                    | 25 00          |
| John Grant.....       | Upper Allumette to Des Joachims,<br>including Petawawa River .....   | Forester's Falls.....                    | do ...                    | 100 00         |
| Andrew Telfer.....    | Bonnechère River and Lakes, County<br>Renfrew .....  | Bristol Corners, Que...<br>Renfrew ..... | do ...<br>do ...          | 50 00<br>25 00 |
| M. L. Russell .....   | Madawaska River .....  | Clontarf.....                            | do ...                    | 50 00          |
| Jno. B. McDonald.     | Miak and Doré Lakes, Co. Renfrew .....   | Rganville.....                           | do ...                    | 25 00          |
| Thos. McKibbin .....  | Muskat Lake and Snake River, Co.<br>Renfrew.....   | Snake River .....                        | do ...                    | 25 00          |
| Geo. Douglas.....     | Lake des Chats, from Portage du Fort<br>to Fitzroy Harbour .....   | Renfrew .....                            | do ...                    | 50 00          |
| John Smith.....       | Calabogie Lake and inland waters of<br>Township of Bagot, County Ren-<br>frew .....  | High Falls .....                         | do ...                    | 25 00          |
| Joseph Belanger ..... | Mattawa River and Lake Nipissing .....   | Nipissing .....                          | do ...                    | 200 00         |
| John McMullen .....   | Co. Lanark, Rideau Canal and Lakes.  | Burgess, Perth P. O. ....                | do ...                    | 50 00          |
| John Murphy.....      | River Tay, Co. Lanark .....  | Solingbroke .....                        | do ...                    | 100 00         |
| Ephraim Deacon.....   | Mississippi River and Lake .....   | Carleton Place .....                     | do ...                    | 30 00          |
| James McFadden .....  | Rideau River and Canal .....   | Smith's Falls .....                      | do ...                    | 50 00          |
| A. E. Mills .....     | Rideau Lakes .....   | Westport .....                           | do ...                    | 100 00         |
| Geo. Jeacle.....      | Upper and Lower Beverley Lakes .....   | Farmersville.....                        | do ...                    | 50 00          |
| Wm. Hicks .....       | Townships of Bedford, Hinchinbroke,<br>Olden and Oso, County of Frontenac  | Westport .....                           | do ...                    | 100 00         |
| John A. Cameron.      | Townships of Camden, Portland,<br>Loughboro', Sheffield and Kennebec,<br>County of Addington.....  | Colebrook .....                          | do ...                    | 100 00         |
| Hy. B. Purcell.....   | Townships of Palmerston, Clarendon,<br>North and South Canoto and Mil-<br>ler, County of Frontenac .....   | Ompah .....                              | do ...                    | 100 00         |
| Robt. Gilbert.....    | Charleson Lake, Gananoque Lake<br>and River .....  | Farmersville .....                       | do ...                    | 75 00          |
| W. H. Johnston....    | Gananoque River .....  | Warburton .....                          | do ...                    | 40 00          |
| James Greer.....      | Inland waters, Co. Peterborough, in-<br>cluding Pigeon, Deer, Salmon-<br>Trout, Stony, Sturgeon and Che-<br>mung Lakes .....   | Lakefield .....                          | do ...                    | 250 00         |
| George Cochrane.      | Upper Division or East Riding, Co.<br>Peterborough, comprising waters of<br>Gull and Burnt Rivers and tribu-<br>taries, together with Drag, Eagle,<br>Moose, Redstone, Crooked and<br>other lakes within such limits ..... | Minden .....                             | do ...                    | 100 00         |
| John Dauncey.....     | Inland waters, N.K., County Victoria,<br>north of Sturgeon Lake, and above<br>Fenelon Falls .....  | Victoria Road .....                      | do ...                    | 100 00         |
| J. R. Graham.....     | Lake Scugog, including Lindsay or<br>Scugog River to its mouth .....   | Port Perry.....                          | do ...                    | 200 00         |
| Geo. B. McDermott     | Lake Simcoe and its tributaries.....   | Barrie .....                             | do ...                    | 150 00         |
| L. S. Saunders.....   | Lake Simcoe, from Cook's Bay to<br>Beaverton .....   | Roach's Point .....                      | do ...                    | 50 00          |
| Wm. Hastings .....    | Lake Couchiching and Severn River,<br>Co. Simcoe and Ontario .....   | Orillia .....                            | do ...                    | 50 00          |
| R. G. Dalton.....     | County Simcoe, South Riding.....   | Beeton .....                             | do ...                    | 50 00          |
| Wm McDermott .....    | Carried forward .....  |  |                           | 8,425 00       |

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF ONTARIO—Concluded.

| Name.             | District.  | Address.            | Overseer or Warden. | Salary-  |
|-------------------|--|---------------------|---------------------|----------|
|                   |  |                     |                     | \$ cts.  |
|                   | Brought forward.....   |                     |                     | 8,425 00 |
| Wm. E. Foot.....  | Lakes Muskoka, Rosseau, Joseph, Lake of Bays and the Magnetawan River..... | Bracebridge.....    | Overseer..          | 125 00   |
| C. E. Roper.....  | North Branch of Muskoka River and Mary Lake to Nipissing Road.....         | Port Sydney.....    | do ...              | 100 00   |
| W. B. Jelly.....  | County of Wellington.....  | Bowling Green.....  | do ...              | 40 00    |
| W. Helliwell..... | County of York.....  | Highland Creek..... | do ...              | 100 00   |
|                   | Total.....   |                     |                     | 8,790 00 |

PROVINCE OF QUEBEC.

|                      |   |   |   |            |
|----------------------|---|---|---|------------|
| Wm. Wakeham.....     | Lower St. Lawrence River and Gulf.....  | Gaspé Basin.....  | } Officer in charge of Fisheries Protection Service in Gulf and Lower St. Lawrence. | } 1,200 00 |
| L. P. Huot.....      | Lakes Philippe, Gagné, and adjacent lakes, and the Island of Orleans.....   | St. Roch, Quebec.....   |   |            |
| U. Bhéreur.....      | River du Gouffre to Canard River, including inland lakes adjacent to Murray Bay and St. Paul's Bay.....               | Murray Bay.....   | do ...  | 50 00      |
| Henri Côté.....      | Lakes in rear of Murray Bay and Bay St. Paul.....   | Bay St. Paul.....   | Warden ...  | 30 00      |
| Edouard Martin.....  |   | do .....  | do ...  | 30 00      |
| Jos. Simard.....     | Counties of Chicoutimi and Saguenay.  | St. Agnes.....  | do ...  | 40 00      |
| Antoine Filion.....  |   | B-y St. Paul.....   | do ...  | 30 00      |
| Jos. Radford.....    | Grand Bay.....  | Tadoussac.....  | Overseer..  | 200 00     |
| Jacques Girard.....  | Lake St. John.....  | Grand Bay.....  | Warden ...  | 100 00     |
| Romuald Maltais..... | do .....  | Alma.....   | do ...  | 50 00      |
| Chas. Potvin.....    | Lake St. John and tributaries, Upper Saguenay.....  | Reberval.....   | do ...  | 50 00      |
| Job Bilodeau.....    | Escoumains to Bersimis.....   | Metabetchouan.....  | do ...  | 50 00      |
| Joseph Boily.....    | North Shore River St. Lawrence, from Point des Monts to Baie des Rochers, including Trinity and Pentecost Rivers..... | Mille Vaches.....   | do ...  | 50 00      |
| J. O. Belanger.....  | Western Division Natashquan, including Rivers Agwanus, Nabissippi and Natashquan.....                                 | L'Islet.....  | do ...  | 150 00     |
| G. Mathurin.....     | Esquimaux Point to Sheldrake River.   | Montmagny.....  | do ...  | 200 00     |
| G. L. Duguay.....    |   | Washheecotal Division, comprising the Rivers Kegascha, Musquarro, Washheecotal and Olemanosheebou | Murray Bay.....   | do ...     |
| W. McLeod.....       | Moisie District, from Point Jambon to Point St. Charles, including Moisie River.....                                  | Ste. Catherine.....   | do ...  | 100 00     |
| T. Mignault.....     | St. Augustine Division, from Cape Whittle to Checatia.....  | Montmagny.....  | do ...  | 200 00     |
| J. Legouvé.....      |   | Gaspé Basin.....  | do ...  | 100 00     |
|                      | Carried forward.....  |   |   | 2,880 00   |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF QUEBEC—Continued.

| Name.                | District.  | Address.                         | Overseer or Warden. | Salary.  |
|----------------------|--|----------------------------------|---------------------|----------|
|                      |  |                                  |                     | \$ cts.  |
|                      | Brought forward ..   |                                  |                     | 2,880 00 |
| W. H. Whately.....   | Bonne Espérance Division, from Chénica to Blanc Sablon .....   | Bonne Espérance.....             | Warden ...          | 100 00   |
| Ant. Chevrier .....  | Magdalen Islands. ....   | Amherst .....                    | Overseer..          | 100 00   |
| Chas. Ascah.....     | Anticosti Island .....   | .....                            | do ...              | 50 00    |
| J. A. Verge .....    | The estuary division of the Ristigouche River. ....  | Cross Point.....                 | do ...              | 300 00   |
| Mich. Archibald ...  | The fluvial division of the Ristigouche River and its tributaries .....  | Matapedia .....                  | do ...              | 200 00   |
| John Cullen .....    | Paspebiac Point to Maguasha Point...   | Carleton. ....                   | do ...              | 200 00   |
| John Phelan .....    | Point Maquereau to Paspebiac Point..   | Port Daniel.....                 | do ...              | 50 00    |
| P. Vibert, jun ..... | York, Dartmouth and St. John Rivers  | Gaspé Basin.....                 | do ...              | 200 00   |
| J. J. Letourneau...  | Gaspé Basin to Point Maquereau ...   | Ste. Anne des Monts ...          | do ...              | 100 00   |
| J. B. Saucier.....   | Cape Chatte to River Ste. Anne des Monts .....   | Matane .....                     | do ...              | 100 00   |
| L. E. Grondin'.....  | From River Blanche to Cape Chatte, including Matane River. ....  | Rimouski. ....                   | do ...              | 100 00   |
| H. Martin.....       | Rimouski to River Blanche .....  | do .....                         | do ...              | 100 00   |
| Jules Gauvreau ...   | Pointe à la Loupe, Green Island, to Rimouski R ver (same included) ...   | Isle Verte .....                 | do ...              | 100 00   |
| F. C. Caron .....    | River Onelle to Pointe à la Loupe, Green Island .....  | L'Islet .....                    | do ...              | 200 00   |
| George Gagnon ...    | Point Lévis to River Onelle .....  | St. Epiphane...                  | Warden ...          | 30 00    |
| Phileas Dubé. ....   | Inland waters, County Témiscouata .  | Notre Dame du Lac..              | do ...              | 75 00    |
| Alfred Blais .....   | Lake Témiscouata and neighbouring waters, County Témiscouata .....   | CausapscaL .....                 | Overseer..          | 100 00   |
| Pierre Latraverse.   | Lake Matapédia and River Matapédia to CausapscaL.....  | Sorel .....                      | Warden ...          | 100 00   |
| J. F. Picotin.....   | That part of the River St. Lawrence bordering on the Counties of Richelieu, Yamaska and Berthier, in the Province of Quebec, including Sorel and adjoining islands. .... | Drummondville. ....              | do ...              | 100 00   |
| H. W. Austin .....   | St. Francis River .....  | Berthier ( <i>en haut</i> )..... | Overseer..          | 400 00   |
| J. B. Chevalier. ... | Richelieu River and tributaries, from Sorel to St. John .....  | Iberville. ....                  | do ...              | 150 00   |
| N. A. Beach .....    | Richelieu River, from St. John to Lake Champlain .....   | Georgeville. ....                | do ...              | 100 00   |
| Treffé Marchessault  | Lake Memphremagog, in the Counties of Stanstead and Brome. ....  | Knowlton.....                    | Warden ...          | 50 00    |
| P. C. Bourk .....    | Brome Lake .....   | Somerset. ....                   | do ...              | 75 00    |
| J. Laberge.....      | Inland waters of County Megantic ...   | Chateauguay Basin ...            | do ...              | 50 00    |
| John Kelly. ....     | River Chateauguay, from mouth to village .....   | Beauharnois .....                | do ...              | 75 00    |
| P. E. Luke.....      | That part of River St. Lawrence and Lake St. Francis fronting on Counties Beauharnois and Huntingdon ..  | Phillipsburg. ....               | do ...              | 50 00    |
| W. C. Willis .....   | Missisquoi Bay, in Lake Champlain, and Pike River .....  | Sherbrooke .....                 | do ...              | 150 00   |
| J. E. McDonald. ...  | Waters in Districts of St. Francis.....  | Lecho Vale.....                  | do ...              | 100 00   |
| V. Veilleux .....    | Lake Megantic .....  | St. Ephrem de Tring...           | Warden ...          | 40 00    |
| Odilon Lacoursière   | Inland waters of the County of Beauce  | St Tite.....                     | Overseer..          | 75 00    |
| Jos. Desaulniers ... | Inland waters of the County of Champlain.....  | Shawenegan.....                  | do ...              | 75 00    |
| Jos. Lambert. ....   | Inland waters, Counties St Maurice and Maskinongé .....  | Three Rivers .....               | Warden ...          | 50 00    |
|                      | St. Lawrence River, fronting on County St. Maurice .....   |                                  |                     |          |
|                      | Carried forward .....  |                                  |                     | 6,625 00 |

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF QUEBEC—Concluded.

| Name.                | District.  | Address.                              | Overseer or Warden. | Salary—<br>\$ cts. |
|----------------------|--|---------------------------------------|---------------------|--------------------|
| Brought forward..... |  |                                       |                     | 6,625 00           |
| Wm. Ritchie.....     | Inland waters of County Montcalm ...   | St. Donat .....                       | Overseer..          | 75 00              |
| J. L. Martel .....   | Inland waters of County Joliette.....  | St. Alphonse.....                     | do ...              | 75 00              |
| Jos. Gingras.....    | Yamaska River .....  | St Michel de Yamaska                  | do ...              | 25 00              |
| M. Hurteau. ....     | Verchères and L'Assomption Counties  | Contrecoeur. ....                     | do ...              | 25 00              |
| B. A. Grant .....    | That part of the St. Lawrence River<br>fronting Counties of berthier and<br>Maskinongé.....      | Louiseville. ....                     | Warden ...          | 40 00              |
| Jos. Boivin.....     | St. Lawrence River, front Point Beau-<br>det to Côtéau Landing, including<br>River Beaudet. .... | River Beaudet.....                    | Overseer..          | 50 00              |
| John Morris.....     | River St. Lawrence around Island of<br>Montreal.....   | St. Lambert.....                      | do ...              | 200 00             |
| Jos. Lauzon. ....    | River Jesus and Des Prairies.....  | Terrebonne.....                       | do ...              | 100 00             |
| Toussaint Cloutier   | Inland waters of Terrebonne, and part<br>of those of Argenteuil.....                             | St. Sauveur.....                      | do ...              | 100 00             |
| Alexander Beaton.    | The inland waters on rear of the<br>County of Argenteuil.....                                    | Lost River P.O., Har-<br>rington..... | do ...              | 30 00              |
| R. W. Jones .....    | Ottawa River, from Oka to Carillon<br>north side.....  | St. Andrews.....                      | do ...              | 40 00              |
| Theo. Sabourin ....  | Ottawa River, from Oka to Carillon<br>south side .....   | Rigaud .....                          | do ...              | 100 00             |
| Jos. Marion. ....    | County of Ottawa.....  | Hull.....                             | Overseer..          | 300 00             |
| Robt. Joynt.....     | Lake Bernard, Co. Ottawa .....   | Joynt P. O.....                       | Warden ...          | 50 00              |
| James Mohr.....      | The waters of the County of Pontiac,<br>from Ottawa County line west to<br>River Coulonge.....   | Ouslow.....                           | Overseer..          | 40 00              |
| J. T. Coghlan.....   | The waters of the County of Pontiac,<br>from River Coulonge west to Des<br>Joachims.....         | Waltham.....                          | do ...              | 50 00              |
| Total.....           |  |                                       |                     | 7,925 00           |

PROVINCE OF NOVA SCOTIA.

|                          |                                     |                    |                                      |          |
|--------------------------|-------------------------------------|--------------------|--------------------------------------|----------|
| W. H. Rogers. ....       | Nova Scotia.....                    | Amherst .....      | Inspector<br>of Fisher-<br>ies ..... | 1,800 00 |
| A. O. Bertram .....      | Cape Breton Island.....             | North Sydney.....  | Fishery<br>Officer.                  | 500 00   |
| <i>Annapolis County.</i> |                                     |                    |                                      |          |
| W. T. Oarty.....         | Annapolis County.....               | Annapolis .....    | Overseer..                           | 120 00   |
| A. F. Morton.....        | Annapolis County .....              | Wilmot .....       | Warden ...                           | 25 00    |
| Geo. Vroom.....          | Bear River, south side.....         | Bear River.....    | do ...                               | 25 00    |
| Wm. Croscup.....         | Bear River, north side. ....        | do .....           | do ...                               | 25 00    |
| W. A. Rice.....          | Annapolis River.....                | Bridgetown .....   | do ...                               | 25 00    |
| W. M. Bailey.....        | Lovett's Brook .....                | Round Hill.....    | do ...                               | 25 00    |
| M. Riordan.....          | Annapolis and Langille Rivers ..... | Annapolis.....     | do ...                               | 25 00    |
| T. R. Ilsey .....        | From Lawrence to County Line .....  | Lawrence town..... | do ...                               | 25 00    |
| Albert Bartheaux....     | Nictaux river.....                  | Nictaux Falls..... | do ...                               | 25 00    |
| Carried forward.....     |                                     |                    |                                      | 2,620 00 |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF NOVA SCOTIA—Continued.

| Name.              | District.   | Address.                                  | Overseer or Warden. | Salary.  |
|--------------------|---|---|---------------------|----------|
|                    |   |   |                     | \$ cts.  |
|                    | Brought forward.....  |   |                     | 2,620 00 |
|                    | <i>Antigonish County.</i>   |   |                     |          |
| John McDonald....  | Antigonish County.....  | Doctor's Brook.....                       | Overseer..          | 125 00   |
| Angus McDonald..   | From mouth of Harbour to foot of Marsh, thence up Tracadie stream to lake, from Marsh up to Monastery Brook, including French Settlement Brook and Tarbitts.....        | Tracadie.....                             | Warden....          | 25 00    |
| J. R. Aymer.....   | From mouth of Harbour to Forks, from thence on the Pomquet River to V. Chisholm's Mills, and from Forks on the Black River to Falls.....                                | Pomquet Forks, Antigonish .....           | Warden ...          | 25 00    |
| Albert Randall.... | From shore to lake.....   | Bayfield, W.O.....                        | do ...              | 15 00    |
| Golia Chisholm.... | From Antigonish Harbour to McWilliams or St. Andrew's Bridge.....   | Lower South River, Antigonish .....       | do ...              | 25 00    |
| Leuchlin Cameron   | From McWilliam's Bridge to Fraser's Bridge, including Big Brook.....  | Upper South River, Antigonish .....       | do ...              | 30 00    |
| John Cumming....   | From Fraser's Bridge to County line at head of lake.....  | Upper South River, Antigonish .....       | do ...              | 20 00    |
| John Dexter .....  | From Antigonish Harbour (foot of Marsh) to Trotter's Mill Brook, thence up ssid Brook to Trotter's Mill, including both branches of West River and Bailey's Brook ..... | Antigonish .....                          | do ...              | 30 00    |
| Donald Chisholm..  | From Trotter's Mill Brook to W. Thompson's Dam .....  | Salt Springs, Antigonish .....            | do ...              | 25 00    |
| Alex. Macadam....  | From Thompson's Dam to Addington Forks Bridge .....   | West River, Addington Forks, Antigonish.. | do ...              | 25 00    |
| Duncan Fraser....  | From Pinkeytown Bridge to Stewart's Mill.....   | Ohio .....                                | do ...              | 20 00    |
| James Chisholm ... | From Campbell's Rock, on Pomquet River, to V. Chisholm's Mill on the Eastern Branch and to Alexander McDonald's Mill on the Western Branch .....                        | St. Andrew's .....                        | do ...              | 25 00    |
| Arch. McDougall..  | From John McDonald's (Bun's) Cove, north side of Cape George, to Crobbing Head, St. George's Bay .....  | McNair's Cove, Cape George .....          | do ...              | 25 00    |
| Donald McDonald..  | West River, from Forks Bridge to Pinkeytown Bridge, including Jones' River and Beaver River.....  | Addington Forks .....                     | do ...              | 25 00    |
|                    | <i>Cape Breton County.</i>  |   |                     |          |
| Francis Quinan ... | From Low Point to South Head of Cow Bay, and north side of Mira Bay, including Salmon River and Sydney River.....   | Sydney .....                              | Overseer..          | 120 00   |
| Wm. Burke.....     | Mira Bridge and Trout Brook.....  | Burke's Bridge, Mira River .....          | Warden ...          | 25 00    |
|                    | Carried forward .....   |   |                     | 3,205 00 |



SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

| Name.              | District.  | Address.                         | Overseer or Warden. | Salary.  |
|--------------------|--|----------------------------------|---------------------|----------|
|                    |  |                                  |                     | \$ cts.  |
|                    | Brought forward.....   |                                  |                     | 3,205 00 |
|                    | <i>Cape Breton County—Concluded.</i>   |                                  |                     |          |
| John McEachen....  | Salmon River.....  | Grand Mira, Arichat...           | Warden...           | 25 00    |
| Donald McDonald..  | Sydney River and Forks.....  | Sydney Forks.....                | do .....            | 45 00    |
| Alex. McLean.....  | Mill Brook.....  | Mill Brook.....                  | do .....            | 20 00    |
| York Barrington... | North of East Bay to Head of Sydney River, including part of Boularderie Island.....                       | Sydney Mines.....                | Overseer..          | 120 00   |
| Alex. McDonald..   | South of East Bay to Salmon River.....   | East Bay.....                    | do .....            | 120 00   |
| Allan McAdam....   | Eskasoni.....  | Eskasoni.....                    | Warden...           | 25 00    |
| Angus Morrison...  | Marion Bridge, Mira.....   | Marion Bridge, Mira.....         | do .....            | 25 00    |
| M. McLellan.....   | Rory Brack's Brook.....  | Rory Brack's Brook....           | do .....            | 25 00    |
| P. Keefe.....      | North-West Brook, Grand Lake and tributaries.....  | Lingan.....                      | do .....            | 25 00    |
| DonaldMcCormack    | Leitche's Creek and George's River...  | Leitche's Creek, W.O.            | do .....            | 25 00    |
| D. J. McNeil.....  | Benacadie River, emptying into Bras d'Or.....  | Benacadie River.....             | do .....            | 25 00    |
| Arch. McDonald...  | Ball's Creek.....  | Ball's Creek.....                | do .....            | 20 00    |
|                    | <i>Colchester County.</i>  |                                  |                     |          |
| R. J. Pollock..... | Stewiacke River (lower portion).....   | Lower Stewiacke.....             | Overseer..          | 75 00    |
| T. Johnson.....    | Salmon River.....  | Salmon River, Truro...           | Warden...           | 25 00    |
| George Fulton....  | Stewiacke River (upper portion).....   | Stewiacke River, Brookfield..... | do .....            | 25 00    |
| H. Gass.....       | Northern Division County Colchester, comprising Tatamagouche Bay, French and Waugh's River.....            | Tatamagouche.....                | Overseer..          | 50 00    |
| J. W. Davison....  | Colchester County, Western Division  | Upper Economy.....               | do .....            | 100 00   |
| Daniel McKay....   | Waugh's River.....   | Tatamagouche River...            | Warden...           | 40 00    |
| Robt. R. Fulton..  | De Bert River.....   | Folly Village.....               | do .....            | 25 00    |
| George Moore....   | Economy River.....   | Economy.....                     | do .....            | 25 00    |
| Mat. G. Murray...  | Salmon River.....  | Truro.....                       | do .....            | 25 00    |
| William Winton..   | Lower Stewiacke River.....   | Lower Stewiacke.....             | do .....            | 25 00    |
| Alfred Wright...   | do do.....   | do.....                          | do .....            | 25 00    |
| Henry Blair.....   | Eastern Division, County Colchester.   | North River.....                 | Overseer..          | 100 00   |
| Henry Urquhart..   | Folly River.....   | Folly Village.....               | Warden...           | 25 00    |
| Samuel Frame....   | Shubenacadie River and Gay's River.  | Shubenacadie River...            | do .....            | 25 00    |
| Edw. Rutherford..  | Stewiacke River.....   | Stewiacke.....                   | do .....            | 25 00    |
| Hilbert Corbett..  | Harrington and North Rivers.....   | Five Islands.....                | do .....            | 25 00    |
| Jesse Fulmer....   | East and Bass Rivers.....  | do.....                          | do .....            | 25 00    |
|                    | <i>Cumberland County.</i>  |                                  |                     |          |
| G. W. Gilroy.....  | Cumberland County Eastern Division, embracing all streams emptying into the Straits of Northumberland..... | Oxford.....                      | Overseer..          | 100 00   |
| Thos. R. Smith.... | Shinimicas River.....  | Shinimicas River.....            | Warden...           | 25 00    |
| Elijah Fowler....  | Cumberland County, Western Division, including all streams flowing into the Bay of Fundy.....              | Amherst.....                     | Overseer..          | 120 00   |
| Isaac Logan.....   | Laplache and Nappan Rivers.....  | do.....                          | Warden...           | 25 00    |
| Moses Harrison...  | Maccan River.....  | Maccan, W O.....                 | do .....            | 25 00    |
| Jos. Porter.....   | River Hebert.....  | River Hebert.....                | do .....            | 25 00    |
| Francis L. Jenks.. | Parrsboro' Head.....   | Parrsboro'.....                  | do .....            | 25 00    |
|                    | Carried forward.....   |                                  |                     | 4,725 00 |

SCHEDULE of Fishery Overseers in the Dominion—*Continued.*PROVINCE OF NOVA SCOTIA—*Continued.*

| Name.                               | District.  | Address.                                | Overseer or Warden. | Salary.             |
|-------------------------------------|--|---|---------------------|---------------------|
|                                     | Brought forward.....   |   |                     | \$ cts.<br>4,725 00 |
| <i>Cumberland County—Concluded.</i> |  |   |                     |                     |
| Wm. Murphy.....                     | Wallace River .....  | Wallace .....                           | do ...              | 30 00               |
| Samuel McPeerson.....               | Pugwash River.....   | Pugwash River.....                      | do ...              | 25 00               |
| Sydney Smith.....                   | Apple River.....   | Advocate Harbour.....                   | do ...              | 25 00               |
| <i>Digby County.</i>                |  |   |                     |                     |
| Wm. Hanley .....                    | Digby County .....   | Digby.....                              | Overseer..          | 120 00              |
| Abraham L. Gavil.....               | Joggins River .....  | do .....                                | Warden...           | 25 00               |
| Lochlin McKay.....                  | St. Mary's Bay .....   | St. Mary's Bay, W.O....                 | do ...              | 25 00               |
| Robert Journey.....                 | Sissaboo River .....   | Weymouth.....                           | do ...              | 25 00               |
| Jas. A. Collins.....                | Western Division of Digby County,<br>Long and Brier Islands .....  | Westport.....                           | Overseer..          | 120 00              |
| <i>Guysborough County.</i>          |  |   |                     |                     |
| James A. Tory.....                  | Guysborough County.....  | Guysborough.....                        | Overseer..          | 150 00              |
| James Cook .....                    | Salmon River, from mouth to Graham's West Line .....   | Salmon River, W.O....                   | Warden...           | 25 00               |
| James McElum.....                   | From Graham's West Line to foot of Neil's Lake, including North Branch and Lake .....                              | do ..                                   | do ...              | 25 00               |
| Charles Kenny.....                  | From foot of Neil's Lake to Beaver Dam Lake, inclusive, and all the lakes through which it passes.....             | Salmon River, West Branch, Guysboro'... | do ...              | 15 00               |
| Donald Gunn.....                    | From mouth of Scott's Place to Country Harbour Lake, including Gunn's Brook, from Man River to Hurley's Lake ..... | Cross Roads .....                       | do ...              | 30 00               |
| William Pride.....                  | From mouth of St. Mary's River to Sinclair Point, including stream from Wine Harbour to Lake .....                 | Sherbrooke, St. Mary's.                 | do ...              | 30 00               |
| Thomas McKeen.....                  | From Forks to County Line, including McQueen's Mill and Brook, to Lake .....                                       | Welrose .....                           | do ...              | 30 00               |
| J. L. Smyth.....                    | From Forks to Indian Man's Brook ..  | West River.....                         | do ...              | 25 00               |
| Robert McKay.....                   | From head of tide to head of Intervale on the North Branch, and to Cameron's Mill, on the Valley Branch .....      | Guysborough, Intervale, W.O.....        | do ...              | 15 00               |
| James R. Bruce.....                 | From mouth of Clam Harbour River to Upper Falls .....  | Guysborough .....                       | do ...              | 10 00               |
| D. A. McDonald.....                 | St. Mary's River .....   | St. Mary's River, Sherbrooke.....       | do ...              | 40 00               |
| Allan McQuarrie.....                | District of St. Mary's .....   | Sherbrooke.....                         | Overseer..          | 100 00              |
| Adam Kirk.....                      | St. Mary's River, extending from Alex. Ross' (above still waters) to Hugh Hatters, on the West River .....         | Glenelg .....                           | Warden...           | 30 00               |
| Wm. McDonald.....                   | St. Mary's River .....   | Still water.....                        | do ...              | 25 00               |
| D. McC Sinclair.....                | From Sinclair to Headwater.....  | Toshen .....                            | do ...              | 20 00               |
| Lake Harpell.....                   | From mouth to head of Indian River.....  | Indian River, St. Mary's District ..... | do ...              | 15 00               |
|                                     | Carried forward .....  |   |                     | 5,705 00            |

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

| Name.                                      | District.  | Address.                                  | Overseer<br>or<br>Warden. | Salary-<br><br>\$ cts- |
|--|--|---|---------------------------|------------------------|
|  | Brought forward.....   |   |                           | 5,705 00               |
|  | <i>Guyatorough County—Concluded.</i>   |   |                           |                        |
| <b>D. Cameron, sen...</b>                  | West River, St. Mary's, from Wallace   | Upper Caledonia .....                     | do ...                    | 20 00                  |
| <b>Frederick Mattie...</b>                 | Tracadie River, in Counties of Guy-<br>borough and Antigonish .....                  | Tracadie, County of<br>Antigonish .....   | do ...                    | 15 00                  |
| <b>Angus Cameron ...</b>                   | East River, St. Mary's .....   | East River.....                           | Warden ...                | 25 00                  |
| <b>John Jones .....</b>                    | Mouth of Salmon River.....   | Mouth of Salmon River                     | do ..                     | 25 00                  |
| <b>James Henderson ..</b>                  | Isaac Harbour and River .....  | Isaac Harbour .....                       | do ...                    | 25 00                  |
| <b>Samuel Hudson<br/>(Lewis' son).....</b> | County Harbour River, from Bridge<br>at Narrows to mouth.....                        | County Harbour .....                      | do ...                    | 25 00                  |
| <b>Jas. Harrigan, jun</b>                  | Cole Harbour River.....  | Cole Harbour.....                         | do ...                    | 25 00                  |
| <b>O. T. Frazer.....</b>                   | Ecum Secum River.....  | Ecum Secum.....                           | do ...                    | 25 00                  |
|  | <i>Halifax County.</i>   |   |                           |                        |
| <b>Isaac Gaetz .....</b>                   | Halifax County, East Division, Dart-<br>mouth to Ecum Secum.....                     | Musquodoboit Harbour.                     | Overseer..                | 150 00                 |
| <b>James Blakely. ....</b>                 | From Ship Harbour to Chezzetcook,<br>inclusive .....                                 | Ship Harbour.....                         | Warden ...                | 30 00                  |
| <b>Nathaniel McKiel ..</b>                 | Sheet Harbour .....  | Sheet Harbour.....                        | do ...                    | 40 00                  |
| <b>John Fitzgerald ...</b>                 | Halifax Harbour to Margaret Bay,<br>Portuguese Cove.....                             | Portuguese Cove .....                     | Overseer..                | 150 00                 |
| <b>Archibald Kidston</b>                   | From Peggy's Cove to Terrence Bay,<br>Nine Mile and Prospect Rivers.....             | Spry field .....                          | Warden ...                | 40 00                  |
| <b>Nathaniel Mason...</b>                  | From Hubert's to Piggys' Cove, Mar-<br>garet Bay, Ingraham and Indian<br>Rivers..... | Margaret Bay, Peggy's<br>Cove, W O .....  | do ...                    | 75 00                  |
| <b>Daniel Mosher.....</b>                  | Cow Bay Run.....   | Cow Bay, Dartmouth.                       | do ...                    | 20 00                  |
| <b>Donald McClean...</b>                   | Chezzetcook River .....  | Chezzetcook River.....                    | do ...                    | 20 00                  |
| <b>Jas. E. Whitman...</b>                  | Salmon River .....   | Salmon River .....                        | do ...                    | 20 00                  |
| <b>Geo. McLeod .....</b>                   | Middle Musquodoboit.....   | Middle Musquodoboit..                     | do ...                    | 20 00                  |
| <b>P. Hughes.....</b>                      | Tangier River .....  | Tangier River .....                       | do ...                    | 25 00                  |
| <b>Hy. A. Shatford ...</b>                 | Pennant River.....   | Hubbard's Cove .....                      | do ...                    | 40 00                  |
| <b>Robt. Stevens.....</b>                  | Musquodoboit Harbour .....   | Musquodoboit Harbour                      | do ...                    | 30 00                  |
| <b>Wm. Burris.....</b>                     | Little Musquodoboit River.....   | Little Musquodoboit<br>River .....        | do ...                    | 30 00                  |
| <b>Chas. G. Henry....</b>                  | Upper Musquodoboit .....   | Upper Musquodoboit<br>River .....         | do ...                    | 30 00                  |
| <b>John Frazer .....</b>                   | Moser's River and Ecum Secum and<br>Smith's Brook .....                              | Moser's River .....                       | do ...                    | 30 00                  |
| <b>Geo. Keizer .....</b>                   | Lake Porter and streams .....  | Lake Porter .....                         | do ...                    | 30 00                  |
| <b>Wm. Geo. Walker.</b>                    | Little Salmon River .....  | Little Salmon River,<br>Fresion Road..... | do ...                    | 20 00                  |
| <b>James Crook .....</b>                   | Big Salmon River, or Lawrencetown<br>River .....                                     | Lawrencetown.....                         | do ...                    | 25 00                  |
| <b>F. G. Tolson.....</b>                   | Sackville River .....  | Sackville River.....                      | do ...                    | 40 00                  |
|  | <i>Hants County.</i>   |   |                           |                        |
| <b>P. S. Burnham ....</b>                  | Hants County, Western Division, from<br>Western County Line to Walton.....           | Wind-or.....                              | Overseer..                | 100 00                 |
| <b>John B. Colter.....</b>                 | Shubenacadie River .....   | Milford .....                             | do ...                    | 30 00                  |
|  | Carried forward .....  |   |                           | 6,915 00               |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF NOVA SCOTIA—Continued.

| Name.                               | District.   | Address.                        | Overseer or Warden. | Salary.             |
|-------------------------------------|---|---------------------------------|---------------------|---------------------|
|                                     | Brought forward.....                                    |                                 |                     | \$ cts.<br>6,915 00 |
| <i>Hants County—Concluded.</i>      |   |                                 |                     |                     |
| James Mosher.....                   | Rivers Meander and Hebert, from mouth to source.....    | Brooklyn.....                   | Warden...           | 30 00               |
| T. B. O'Brien.....                  | East Division, from Walton to Colchester Line.....      | Maitland.....                   | Overseer..          | 100 00              |
| Joseph Mosher.....                  | Kennetcook River, from mouth to head of tide.....       | Newport.....                    | Warden...           | 50 00               |
| James M. O'Brien..                  | Walton and Kennetcook Rivers.....                       | Maitland.....                   | do ...              | 30 00               |
| <i>Inverness County.</i>            |   |                                 |                     |                     |
| James Coady.....                    | Inverness County, East Division.....                    | S. W. Margaree.....             | Overseer..          | 100 00              |
| David Ross.....                     | do do.....  | N. E. Margaree.....             | do ...              | 100 00              |
| Miles McDaniel....                  | From mouth of Margaree River to South-west Chapel.....  | Forks, Margaree, W.O.           | Warden...           | 25 00               |
| Neil McKay.....                     | Upper waters and tributaries, Margaree River.....       | S. W. Margaree River..          | do ...              | 25 00               |
| D. F. McLean.....                   | Inverness County, Western Division.                     | Port Hastings.....              | Overseer..          | 150 00              |
| Peter Benvie.....                   | Mabou River.....  | Mabou, Brook Village..          | Warden...           | 25 00               |
| M. B. McDonald....                  | River Dennis.....                                       | River Dennis, W.O.....          | do ...              | 25 00               |
| David Dowling....                   | River Inhabitants.....                                  | Riverside.....                  | do ...              | 25 00               |
| Peter McEachern..                   | do.....   | do.....                         | Overseer..          | 100 00              |
| John McLean.....                    | Big River.....  | Strathborn.....                 | Warden...           | 25 00               |
| Hugh Cameron....                    | do.....   | S. W. Mabou.....                | do ...              | 25 00               |
| Moses Murphy....                    | Ainslie Lake.....                                       | N. E. Margaree.....             | do ...              | 25 00               |
| Angus McKinnon..                    | Crowdis Bridge to head of river.....                    | Judique.....                    | do ...              | 25 00               |
| Daniel McDermid..                   | From his own residence to Big Intervale.....            | N. E. Margaree.....             | do ...              | 25 00               |
| Mark Crowdis.....                   | From Bridge to Forks, North-east Margaree River.....    | Big Intervale.....              | do ...              | 25 00               |
| William Hart, jun.                  | From Crowdis Bridge to Warden McDermid's residence..... | N. E. Margaree.....             | do ...              | 25 00               |
| Allan McLennan<br>(John's Son)..... | River Dennis and Basin.....                             | River Dennis.....               | do ...              | 25 00               |
| Malcolm McKay....                   | Trout River.....  | Lake Ainslie.....               | do ...              | 20 00               |
| Angus McFarlane<br>(Angus' Son).... | Upper South-west Margaree Rivers.....                   | Upper S. W. Margaree River..... | do ...              | 25 00               |
| John P. McFarlane                   | Margaree Harbour.....                                   | Margaree.....                   | do ...              | 25 00               |
| Stephen Graham...                   | Long Point and Judique Rivers.....                      | Long Point.....                 | do ...              | 25 00               |
| <i>King's County.</i>               |   |                                 |                     |                     |
| James S. Miller....                 | King's County.....                                      | Canning.....                    | Overseer..          | 125 00              |
| W. McIntyre.....                    | Annapolis River.....                                    | Aylesford.....                  | Warden...           | 50 00               |
| R. F. Reid.....                     | King's County.....                                      | Wolfville.....                  | Overseer..          | 125 00              |
| C. E. Bishop.....                   | Gaspereaux River.....                                   | Horton.....                     | Warden...           | 30 00               |
| Jos. Angus.....                     | do.....   | do.....                         | do ...              | 30 00               |
| Philip Brown.....                   | Blomidon.....   | Blomidon.....                   | do ...              | 30 00               |
| J. W. Thorpe.....                   | Hall's Point to Cape Split.....                         | Hall's Harbour.....             | do ...              | 30 00               |
|                                     | Carried forward.....                                    |                                 |                     | 8,415 00            |

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

| Name.               | District.  | Address.                           | Overseer or Warden. | Salary.  |
|---------------------|--|------------------------------------|---------------------|----------|
|                     | Brought forward.....   |                                    |                     | 8,415 00 |
|                     | <i>Lunenburg County.</i>   |                                    |                     |          |
| Geo. Redden.....    | Lunenburg County, East Division, Middle, Gold, Martin's and Mushamush Rivers.....  | Chester.....                       | Overseer...         | 100 00   |
| Jacob Meisener...   | Eastern River.....   | do .....                           | Warden ...          | 25 00    |
| Isaiah Besancon...  | Middle River.....  | Chester Basin.....                 | do ...              | 25 00    |
| David Demon.....    | Lower Gold River.....  | Lower Gold River.....              | do ...              | 25 00    |
| John Hutt.....      | Middle Gold River.....   | Beach Hill, Chester....            | do ...              | 25 00    |
| Edward Boylan...    | Gold River, Upper.....   | New Ross.....                      | do ...              | 25 00    |
| Jas. Langille.....  | Martin's River.....  | Chester.....                       | do ...              | 25 00    |
| Hy. S. Jost.....    | Lunenburg County, West Division.....   | Lunenburg.....                     | Overseer..          | 100 00   |
| Chas. Pernette..... | From mouth of La Have River to Wilkie's Cove.....  | do .....                           | Warden ...          | 25 00    |
| C. E. Goddard.....  | La Have River.....   | Bridgewater.....                   | Overseer..          | 50 00    |
| Jas. Mossman.....   | From Henry Koch's to Knock's.....  | Lunenburg.....                     | Warden ...          | 25 00    |
| Geo. Burns.....     | Knock's to source of La Have River...  | Bridgewater .....                  | do ...              | 25 00    |
| John Andrews.....   | Mushamush River.....   | Mahoue Bay.....                    | do ...              | 25 00    |
| Geo. A. Nesbitt...  | Petite River mouth to Wallace Brook.   | Petite River.....                  | do ...              | 25 00    |
| Elie Hebb.....      | do from Wallace Brook to source.....   | Hebb's Cross, West Conquerall..... | do ...              | 25 00    |
| William Croft.....  | East Gold River, from Bongard's Point to Gold River Branch, thence to Clark's, Clinton's and Henry's Lakes.....  | Chester Basin.....                 | do ...              | 25 00    |
| J. H. Keddy.....    | Larder's River.....  | New Ross.....                      | do ...              | 25 00    |
| Patrick Cooney...   | East Branch Middle River.....  |                                    | do ...              | 25 00    |
|                     | <i>Pictou County.</i>  |                                    |                     |          |
| D. G. McDonald...   | Pictou County, East Division, including Sutherland's, French and Barney's Rivers, Bailey's Brook and Shore Fishery, from Pictou Harbour eastward to County Line..... | Lismore.....                       | Overseer..          | 170 00   |
| William Turner...   | Barney's River.....  | Barney's River, W.O...             | Warden ...          | 25 00    |
| Donald McDonald.    | Sutherland's River.....  | New Glasgow.....                   | do ...              | 25 00    |
| Geo. Foote.....     | French River.....  | French River.....                  | do ...              | 25 00    |
| Donald McLean...    | Bailey's Brook.....  | Bailey's Brook, W.O...             | do ...              | 30 00    |
| Robt. Sutherland..  | Pictou County, West Division, including Middle, East, West, Cariboo, Toney and John Rivers.....  | River John.....                    | Overseer..          | 140 00   |
| Wm. McDonald...     | French River.....  | French River.....                  | Warden ...          | 25 00    |
| Peter Campbell...   | East River.....  | New Glasgow.....                   | do ...              | 25 00    |
| Alex. Douglas.....  | Middle River.....  | Middle River.....                  | do ...              | 25 00    |
| Thos. Cameron...    | West River.....  | do .....                           | do ...              | 25 00    |
| John McKay.....     | River John.....  | River John.....                    | do ...              | 25 00    |
| Geo. McKenzie...    | Cariboo River.....   | Lower Cariboo River...             | do ...              | 25 00    |
| D. A. Murray.....   | Barney's River, from McDonald's Bridge to Head.....  | Avondale.....                      | do ...              | 25 00    |
| Samuel Frazer...    | Grant's Factory to East Branch Lake.   | Bridgewille.....                   | do ...              | 25 00    |
| Donald Frazer...    | Fork and West Branch Lake.....   | Hopewell.....                      | do ...              | 25 00    |
| Chas. Macdougall..  | East River of St. Mary's and Garden Lake.....  | Garden of Eden.....                | do ...              | 20 00    |
| Thomas Fraser....   | East River, from Tide Head to Grant's Factory.....   | Island Hopewell.....               | do ...              | 25 00    |
|                     | Carried forward.....   |                                    |                     | 9,725 00 |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF NOVA SCOTIA—Continued.

| Name.                   | District.  | Address.                                  | Overseer,<br>or<br>Warden. | Salary.   |
|-------------------------|--|---|----------------------------|-----------|
|                         |  |   |                            | \$ cts.   |
|                         | Brought forward .....  |   |                            | 9,725 00  |
|                         | <i>Pictou County—Concluded.</i>  |   |                            |           |
| Allan Cameron....       | East Branch Barney's River, from Sutherland's Marshy Hope to Barney's River.....             | Barney's River.....                       | Warden ...                 | 25 00     |
| A. C. Pritchard....     | Central Pictou County, including Middle, East and West Rivers.....                           | New Glasgow.....                          | Overseer...                | 150 00    |
|                         | <i>Queen's County.</i>   |   |                            |           |
| E. T. N. Sellon....     | Queen's County.....  | Liverpool.....                            | Overseer...                | 225 50    |
| Theodosius Ford....     | Milton Bridge up to Port River.....  | Milton.....                               | Warden ...                 | 60 00     |
| John Fitzgerald....     | From Steam Mills to Salter's Falls on Port Medway River.....                                 | Mill Village.....                         | Overseer..                 | 70 00     |
| Barnabas Miles....      | Salter's Falls to Pawn Hook, on Port Medway River.....                                       | Greenfield, W.O.....                      | Warden ...                 | 30 00     |
|                         | <i>Richmond County.</i>  |   |                            |           |
| Duncan Cameron..        | Eastern Division, from River Bourgeois to East Boundary of County, including said river..... | St. Peters.....                           | Overseer..                 | 125 00    |
| John Murchison....      | Grand River.....   | Grand River, W.O.....                     | Warden ...                 | 30 00     |
| Francis Marmeau..       | Western Division, from River Bourgeois to West Boundary of County.                           | Arichat.....                              | Overseer..                 | 125 00    |
| P. W. Grouchy ...       | Descouse River.....  | do  | Warden.....                | 30 00     |
| John Procter, sen..     | Inhabitants River.....   | Port Hawkesbury.....                      | do ...                     | 20 00     |
| Abraham Sampson         | Petit de Grat Inlet.....   | Petit de Grat.....                        | do ...                     | 30 00     |
| Justinian Sampson       | L'Ardoise.....   | L'Ardoise.....                            | do ...                     | 30 00     |
| Charles Grant....       | River Inhabitants.....   | River Inhabitants.....                    | do ...                     | 30 00     |
| Allan McRae.....        | West Bay, Black River.....   | West Bay.....                             | do ...                     | 30 00     |
| Farquhar McPherson..... | River Moulin.....  | River Moulin, Grand-digue Ferry, W.O..... | do ...                     | 30 00     |
| Patrick Kyte.....       | River Tier.....  | River Tier, St. Peters..                  | do ...                     | 25 00     |
| Felix Gerroir.....      | Grand Ruisseau.....  | Grand Ruisseau, Arichat.....              | do ...                     | 25 00     |
| William Kehoe....       | False Bay and Breen's Brook.....   | River Bourgeois, W.O..                    | do ...                     | 25 00     |
|                         | <i>Shelburne County.</i>   |   |                            |           |
| Wm. John McGill..       | Shelburne County .....   | Shelburne.....                            | Overseer ..                | 125 00    |
| M. Greenwood....        | Round Bay River and Indian Brook...  | Clyde River, W.O.....                     | Warden ...                 | 20 00     |
| Timothy Archer....      | Birchtown River.....   | Birchtown.....                            | do ...                     | 30 00     |
| George Ryer.....        | Roseway River.....   | Shelburne.....                            | do ...                     | 50 00     |
| O. A. Helden.....       | Ogden's Brook and Indian River.....  | Jordan River.....                         | do ...                     | 50 00     |
| Henry Ackerman..        | Green Harbour.....   | Ragged Island, Locke's Island, W.O.....   | do ...                     | 20 00     |
| P. Crowell.....         | Barrington River.....  | Barrington.....                           | do ...                     | 20 00     |
| F. G. Nichol.....       | Clyde River.....   | Clyde River.....                          | do ...                     | 20 00     |
| E. T. Goudy.....        | do to Yarmouth County Line   | Barrington..                              | Overseer ..                | 75 00     |
|                         | Carried forward.....   |   |                            | 11,260 00 |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF NOVA SCOTIA—Concluded.

| Name.                          | District.   | Address.                             | Overseer<br>or<br>Warden. | Salary-<br><br>\$ cts. |
|--------------------------------|---|--------------------------------------|---------------------------|------------------------|
|                                | Brought forward.....  |                                      |                           | 11,260 00              |
|                                | <i>Victoria County.</i>   |                                      |                           |                        |
| Malcolm McIntosh.              | Victoria County, North Division, from<br>Smoky Head to Bay St. Lawrence.. | Ingonish.....                        | Overseer..                | 120 00                 |
| Donald McRae, jun              | Victoria County, South Division.....                                      | Baddeck.....                         | do ..                     | 120 00                 |
| Murdock McRae....              | River St. Ann's.....  |                                      | Warden ...                | 30 00                  |
| John McLellan.....             | Middle River .....  | Middle River, W.O.,<br>Baddeck ..... | Warden ...                | 25 00                  |
| Jno. McRae(Rory's<br>son)..... | Middle River, Upper Settlement.....                                       | McLeod, W.O.....                     | do ...                    | 25 00                  |
| Donald McQuarrie               | do .....  | Baddeck.....                         | do ..                     | 25 50                  |
| Chris. McKenzie....            | do .....  | do .....                             | do ..                     | 25 00                  |
| Donald McMillan...             | Baddeck River.....  | do .....                             | do ..                     | 25 00                  |
| Donald McAuley....             | do .....  | do .....                             | do ..                     | 25 00                  |
| Donald McRae.....              | Baddeck River and tributaries .....                                       | do .....                             | do ..                     | 25 00                  |
| Frs. McGregor.....             | Entrance of Baddeck River .....   | Hunter's Mountain, W.O               | do ..                     | 25 00                  |
| Angus McDonald ..              | Washabuck River .....   | Washabuck River .....                | do ..                     | 30 00                  |
| Kenneth McRae....              | Indian Brook .....  | Middle River.....                    | do ..                     | 30 00                  |
| Roderick Beaton...             | Hume's River.....   | McNaughton's, W.O ..                 | do ..                     | 30 00                  |
| William Foyle.....             | Peter's Brook .....   | Baddeck River.....                   | do ..                     | 30 00                  |
| Donald Finlayson..             | Upper Settlement .....  | Middle River.....                    | do ..                     | 25 00                  |
| Donald Bochaman..              | Barachois River. ....   | Barachois River.....                 | do ..                     | 30 00                  |
| Malcolm McIver....             | Indian Brook .....  | Indian Brook .....                   | do ..                     | 30 00                  |
| Arch. McDonald ...             | North Harbour .....   | North Harbour.....                   | do ..                     | 25 00                  |
| Thos. Capstick.....            | Salmon River, Bay St. Lawrence .....                                      | Bay St. Lawrence, W.O.               | do ..                     | 25 00                  |
| Jos. Hellen .....              | Cape North .....  | Cape North.....                      | do ..                     | 30 00                  |
| John McPherson....             | Aspy Bay .....  | Aspy Bay .....                       | do ..                     | 25 00                  |
| Donald McRae.....              | Red Head, Baddeck .....   | Red Head, Baddeck ..                 | do ..                     | 25 00                  |
| Andrew Watson ...              | Baddeck River.....  | Baddeck .....                        | do ..                     | 25 00                  |
| Thos. Denovan ...              | Colyburn Brook .....  | Ingonish .....                       | do ..                     | 25 00                  |
|                                | <i>Yarmouth County.</i>   |                                      |                           |                        |
| Enos Gardner .....             | Yarmouth County.....  | Tusket .....                         | Overseer..                | 150 00                 |
| J. A. Hatfield .....           | From Lower Narrows, Tusket River,<br>to County line .....                 | do .....                             | Warden ...                | 50 00                  |
| William Kavanagh               | Gurill's Bridge to Coldstream.....  | do .....                             | do ..                     | 25 00                  |
| Eustach Nickerson              | Salmon River .....  | Yarmouth].....                       | do ..                     | 25 00                  |
| Edward Perry .....             | Little River .....  | do .....                             | do ..                     | 25 00                  |
| Jérôme Doucet ...              | Tusket River .....  | Tusket .....                         | do ..                     | 30 00                  |
| Vital Mius.....                | Tusket Forks .....  | Tusket Forks.....                    | do ..                     | 25 00                  |
| Joseph M. White...             | Eel Lake .....  | Eel Lake .....                       | do ..                     | 25 00                  |
| Wm. Thurston, sen.             | Chegoggin River.....  | Chegoggin River .....                | do ..                     | 25 00                  |
| J. I. Brand .....              | Pubnico and Argyle .....  | West Pubnico .....                   | do ..                     | 25 00                  |
| Geo. H. Robertson              | Sea shore from Cheboque Point to<br>Digby County line.....                | Yarmouth .....                       | do ..                     | 100 00                 |
| James Jeffery.....             | From Cheboque Point to Chegoggin<br>Point .....                           | Overton .....                        | do ..                     | 25 00                  |
| Jacob E. Cann.....             | From Burn's Point to Digby County<br>line .....                           | Maitland .....                       | do ..                     | 25 00                  |
|                                | Total .....   |                                      |                           | 12,670 00              |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF NEW BRUNSWICK.

| Name.                | District.   | Address.                | Overseer<br>or<br>Warden.  | Salary.  |
|----------------------|---|-------------------------|----------------------------|----------|
|                      |   |                         |                            | \$ cts.  |
| W. H. Venning....    | New Brunswick.....  | St. John, N.B.....      | Insp'ct'r of<br>Fisheries. | 1,800 00 |
|                      | <i>Albert County.</i>   |                         |                            |          |
| Sutherland Stewart   | County of Albert.....   | Alma .....              | Overseer..                 | 100 00   |
| Wallace Taylor....   | Petitcodiac River .....   | Coverdale .....         | Warden ...                 | 40 00    |
| C. McLatchey .....   | Mouth of Petitcodiac River and Dor-<br>chester Bay .....  | Hillsboro' .....        | do ...                     | 40 00    |
| J. E. Kinne.....     | Germantown Lake and Shepody River   | Hopewell Corner .....   | do ...                     | 40 00    |
| Bartlet Oliver ..... | Rocher Bay.....   | Waterside,.....         | do ...                     | 40 00    |
|                      | <i>Carleton County.</i>   |                         |                            |          |
| Alex. G. Lindsay...  | Miramichi River (S.W.) from Head<br>Waters to Forks. ....   | Foreston .....          | Overseer..                 | 150 00   |
| Geo. R. Burt.....    | St. John River and tributaries, from<br>Long's Creek to Tobique River.....  | Upper Woodstock.....    | do ...                     | 100 00   |
| J. W. Scott.....     | St John River, from Eel River to<br>Woodstock .....   | Canterbury .....        | Warden ...                 | 30 00    |
|                      | <i>Charlotte County.</i>  |                         |                            |          |
| B. L. Cunningham     | Inner Bay of Passamaquoddy. ....  | Chamecock, W.O.....     | Overseer..                 | 70 00    |
| Bartholem. Brown.    | Jampo Bello and West Isles, with<br>coasts and streams in Charlotte Co.   | Campo Bello.....        | do ...                     | 100 00   |
| Frank Todd.....      | St. Croix River and tributaries.....  | St. Stephen.....        | do ...                     | 120 00   |
| W. B. McLaughlin     | Grand Manan Island and spawning<br>grounds .....  | Grand Manan.....        | do ...                     | 240 00   |
| Samuel Dick.....     | St. George to Beaver Harbour .....  | La Tête, W.O.....       | Warden ...                 | 30 00    |
| Robert Dixon .....   | Seeley's Cove to Lepreaux. ....   | Lepreaux.....           | do ...                     | 30 00    |
| Leonard Best.....    | East District, from La Tête to<br>Lepreaux .....  | Beaver Harbour, W.O..   | Overseer..                 | 100 00   |
| J. M. Lord.....      | Deer Island.....  | Deer Island.....        | do ...                     | 70 00    |
| Andrew Gilmour..     | Northern Head, Grand Manan .....  | Grand Manan.....        | Warden ...                 | 30 00    |
| Edward Carroll...    | Whitehead Island .....  | do .....                | do ...                     | 30 00    |
| Thomas Holmes...     | West side Deer Island .....   | Deer Island. ....       | do ...                     | 30 00    |
|                      | <i>Gloucester County.</i>   |                         |                            |          |
| James Hickson ....   | River Nepissiguit and tributaries, with<br>sea coast and streams from Belle-<br>dune River to Grindstone Point..... | Bathurst .....          | Overseer..                 | 350 00   |
| Juste Haché.....     | Oyster beds in County, Caraquet and<br>Shippegan.....   | Caraquet .....          | do ...                     | 100 00   |
| J. Muzzeroll.....    | Coast from County line to Green<br>Point, including Big and Tracadie<br>Rivers.....                                 | Tracadie .....          | Warden ...                 | 30 00    |
| James Walsh.....     | Pokemouche.....   | Pokemouche.....         | do ...                     | 30 00    |
| Frédéric Comeau..    | Petit Rocher, from Belledune to Mill<br>Stream .....  | Petit Rocher.....       | do ...                     | 100 00   |
| Miles Dempsey ...    | Salmon Beach, from Bass River to<br>Grindstone Point .....  | Salmon Beach .....      | do ...                     | 30 00    |
| Tim. Coughlan....    | Grindstone Point to Grand Anse.....   | Grand Anse.....         | do ...                     | 30 00    |
| Adolphe Haché ...    | Shippegan.....  | Shippegan.....          | do ...                     | 100 00   |
| W. Rogers.....       | Tête-à-gauche River .....   | Tête-à-gauche, Bathurst | do ...                     | 25 00    |
|                      | Carried forward.....  |                         |                            | 3,935 00 |



**SCHEDULE of Fishery Officers in the Dominion—Continued.**

**PROVINCE OF NEW BRUNSWICK—Continued.**

| Name.               | District.  | Address.                                | Overseer or Warden. | Salary.             |
|---------------------|--|---|---------------------|---------------------|
|                     | Brought forward.....   |   |                     | \$ cts-<br>3,985 00 |
|                     | <i>Gloucester County—Concluded.</i>  |   |                     |                     |
| John Calnan, jun..  | That part of River Tête-à-gauche from a mile above the Mill Dam to the source of said river..... | Kinsale.....                            | do ...              | 25 00               |
| Joseph Sewell.....  | Pokemouche River.....  | Pokemouche.....                         | Overseer..          | 50 00               |
| Gustave Cormier...  | Caraquet Herring Banks.....  | Caraquet.....                           | do ...              | 50 00               |
| Joseph Poirier..... | Bay Chaleurs, between; Grand Anse and Point Mizzenette.....                                      | Grand Anse.....                         | do ...              | 100 00              |
| Alex. Boyd.....     | Little Shippegan to Miscou.....  | Little Shippegan.....                   | Warden ...          | 30 00               |
|                     | <i>Kent County.</i>  |   |                     |                     |
| Charles Cormier...  | Cocagne River.....   | Cocagne.....                            | Overseer..          | 100 00              |
| W. F. Hannah.....   | Richibucto River.....  | Richibucto.....                         | do ...              | 75 00               |
| F. B. Leger.....    | Little Buctouche River.....  | Little Buctouche River                  | Warden ...          | 80 00               |
| M. A. Girouard. ... | Big do .....   | Buctouche .....                         | Overseer..          | 75 00               |
| James Harnett.....  | From the mouth of Nicholas River, on the Buctouche, upwards, including Nicholas River.....       | Weldford.....                           | Warden ...          | 80 00               |
| Lazare Guimon... .. | From Kouchibouquacis to Chockfish River.....   | Kouchibouquac. ....                     | do ...              | 80 00               |
| Nicholas Muzzeroll  | From Kouchibouquacis River to Point Sapin.....   | do .....                                | do ...              | 50 00               |
| A. L. Collet.....   | Buctouche Bay.....   | Buctouche.....                          | do ...              | 80 00               |
| A. T. Leblanc.....  | Canaan River .....   | Legerville.....                         | Overseer..          | 75 00               |
|                     | <i>King's County.</i>  |   |                     |                     |
| Samuel Gosline....  | From mouth of Smith's Creek, upwards.....  | Smith's Creek, W.O ...                  | Overseer..          | 100 00              |
| Samuel F. Ryan ...  | Mill Stream .....  | Studholm, Apohaqui ...                  | Warden ...          | 30 00               |
| James A. Belyea...  | St. John River and Belle Isle Bay and streams running thereinto.....                             | Westfield.....                          | Overseer ..         | 50 00               |
| Samuel Gamblin ...  | Washademoak Lake and its tributaries in King's and Queen's Counties.....                         | English Settlement, Pearson's, W.O..... | Warden ...          | 30 00               |
| S. Spragg .....     | Belle Isle Bay .....   | Belle Isle.....                         | do ...              | 50 00               |
| Jonah Keith.....    | North and Canaan River .....   | Havelock.....                           | do ...              | 35 00               |
|                     | <i>Northumberland County.</i>  |   |                     |                     |
| Prudent Robichaud   | Burnt Church River and tributaries, and Upper Tabusintac River.....                              | Upper Neguac.....                       | Overseer .          | 100 00              |
| John Stymast.....   | Lower Tabusintac River.....  | Stymast Road, Neguac                    | do ...              | 100 00              |
| William Wyse.....   | Herring fisheries, Miramichi Bay, and Bass fishing in Napan Bay and Black Rivers.....            | Chatham.....                            | do ...              | 200 00              |
| Thomas Parker ...   | Miramichi River and tributaries, from Beaubair's Island to Blackville....                        | Newcastle.....                          | do ...              | 160 00              |
| Samuel Holt.....    | From lower line of Blackville to Blissfield.....   | Blackville.....                         | do ...              | 160 00              |
| John Hogan .....    | Miramichi River (N.W.) and tributaries, from Chatham Ferry, upwards .....                        | Newcastle.....                          | do ...              | 400 00              |
|                     | Carried forward.....   |   |                     | 6,345 00            |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF NEW BRUNSWICK—Continued.

| Name.               | District.  | Address.  | Overseer or Warden. | Salary.  |
|---------------------|--|---|---------------------|----------|
|                     |  |   |                     | \$ cts.  |
|                     | Brought forward.....   |   |                     |          |
|                     | <i>Northumberland County—Continued.</i>  |   |                     |          |
| Aaron Hovey.....    | Miramichi River (S.W.) and tributaries, from Nelson's to head of Hovey Island.....   | Boiestown.....  | Warden ..           | 30 00    |
| George Bryanton..   | From Elm Tree Brook to Squire Underhill's, on the S. W. Miramichi River.....   | Derby, W.O.....   | do ..               | 30 00    |
| Kenneth Cameron..   | Miramichi River (S.W.) from line of Blissfield to the head waters and tributaries.....   | Boiestown.....  | Overseer..          | 100 00   |
| Patrick Bergin..... | From Underhill's to Stephen Mitchell's, on S. W. Miramichi.....  | Dumphey, W.O., Parish of Blackville, S.W., Miramichi..... | Warden ...          | 30 00    |
| Thomas Smith.....   | From lower end of Fingley's Island, on N.W. Miramichi, upwards, and the Big Sevogle.....   | North Esk, Red Bank, W.O.....                             | do ..               | 30 00    |
| Jared Blackmore ..  | From lower side of Ox Bow, on the Little South West, upwards.....  | do do ..  | Overseer..          | 50 00    |
| Patrick Gillis..... | Little S. W. River and tributaries.....  | do do ..  | Warden ..           | 30 00    |
| Denis Hogan.....    | Renous River and tributaries.....  | Renous Bridge, W.O.....                                   | do ..               | 30 00    |
| Michael Donovan..   | do .....   | do .....  | do ..               | 30 00    |
| John Shaddick..     | Big Sevogle to Square Forks.....   | Sevogle.....  | do ..               | 50 00    |
| F. McDairmid.....   | Napan and Black Rivers and tributaries.....  | Napan, W.O., Chatham.....                                 | do ..               | 30 00    |
| John G. Williston.  | Bay du Vin River and Bay, with Parish of Hardwick, Fox and other Islands and Stations on South side of Main Channel Miramichi River... | Bay du Vin, W.O.....                                      | Overseer..          | 100 00   |
| John Noble.....     | Miramichi Bay, from Fox Island to Escuminac .....  | Miramichi Bay .....                                       | do ..               | 100 00   |
| Enoch A. Bamford    | South West Miramichi, within Parish of Blissfield.....   | Blissfield.....   | Warden ...          | 50 00    |
| Samuel Freeze.....  | From Doaktown to Hovey Islands, in the Parish of Blissfield, on the South West Miramichi River.....                                    | Doaktown, Miramichi..                                     | Overseer..          | 100 00   |
| Daniel Mathews..... | From lower side of Ox Bow, on Little South West Miramichi, upwards .....   | Little South West Miramichi ..                            | Warden ...          | 30 00    |
| Nat. Morehouse....  | Arbo Settlement, Parish of Blackville, South West Miramichi.....   | Arbo Settlement .....                                     | do ..               | 30 00    |
| J. Underhill .....  | Coughlan Settlement, Parish of Blackville, South West Miramichi .....  | Coughlan Settlement..                                     | do ..               | 30 00    |
| John Doyle.....     | Tabusintac and Bartibog Rivers.....  | Bartibog .....  | do ..               | 30 00    |
| George Hubbard...   | Whitney Settlement, N. W. Miramichi  | North Esk.....  | do ..               | 50 00    |
| John Blake.....     | Miramichi River and tributaries, from Point aux Carr to Middle Island.....   | Black Brook.....  | do ..               | 70 00    |
| Angus McIntosh...   | Miramichi River and tributaries, from Middle Island to Newcastle Ferry...  | Chatham Head.....   | do ..               | 30 00    |
| Tubal Watling.....  | Black River and tributaries in the Parish of Glenelg.....  | Black River.....  | do ..               | 30 00    |
| Samuel Kingston..   | Upper waters, N.W. Miramichi River, from Rolph's Crossing, upwards.....  | .....   | do ..               | 50 00    |
|                     | Carried forward.....   |   |                     | 7,755 00 |

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NEW BRUNSWICK—Continued.

| Name.               | District.   | Address.                           | Overseer or Warden. | Salary.  |
|---------------------|---|------------------------------------|---------------------|----------|
|                     |   |                                    |                     | \$ cts.  |
|                     | Brought forward .....   |                                    |                     | 7,755 00 |
|                     | <i>Northumberland County—Concluded.</i>                               |                                    |                     |          |
| James Fitzpatrick.  | Black River .....   | Napan.....                         | Warden ...          | 30 00    |
| M. Ryan .....       | North West Miramichi.....   | North Esk.....                     | do ...              | 30 00    |
| M. Bayes.....       | Dungarvon River.....  | Renous River.....                  | do ...              | 30 00    |
|                     | <i>Queen's County.</i>  |                                    |                     |          |
| I. T. Hetherington  | From Cole's Island to foot of Washademoak Lake.....                   | Jenkins, W.O. Johnson              | Overseer..          | 100 00   |
| Isaiah Langan.....  | Salmon River.....   | Chipman W. O. Gaspereaux.....      | do ...              | 30 00    |
| Robert Philips..... | Head waters, Washademoak Lake.....                                    |                                    | Warden ...          | 25 00    |
|                     | <i>Restigouche County.</i>  |                                    |                     |          |
| A. Macpherson... .. | From Belledune to Dalhousie .....                                     | River Charlo.....                  | Overseer .          | 100 00   |
|                     | <i>Sunbury County.</i>  |                                    |                     |          |
| G. W. Hoben. ....   | St. John River, Indiantown to County Line of York.....                |                                    |                     |          |
| W. E. Taylor. ....  | do do .....   |                                    |                     |          |
|                     |   | Burton, W.O.....                   | Overseer..          | 100 00   |
|                     |   | Sheffield.....                     | Warden ...          | 30 00    |
|                     | <i>St. John County.</i>   |                                    |                     |          |
| Joseph O'Brien ...  | St. John County .....   |                                    |                     |          |
| Wm. E. Skillen ...  | Eastern part of St. John County, from Quaco Head to Goose River. .... | Carleton, St. John.....            | Overseer..          | 150 00   |
|                     |   | St. Martins. ....                  | do ...              | 100 00   |
|                     | <i>Victoria County.</i>   |                                    |                     |          |
| Thos. D. Ryan....   | County of Victoria.....   |                                    |                     |          |
| Jno. McDougall ...  | Three Brooks, Branch of Tobique River.....                            | Grand Falls .....                  | Overseer .          | 150 00   |
|                     |   | Rocky Brook, Parish of Lorne ..... | Warden ...          | 30 00    |
| Jno. C. McCloskey   | Salmon River.....   | Andover. ....                      | do ...              | 30 00    |
| Donald Fraser.....  | Tobique River.....  | Arthurette, W.O.....               | do ...              | 30 00    |
| Thos. Edgar .....   | Middle Division, Tobique River.....                                   | Three Rivers.....                  | do ...              | 30 00    |
| J. McNab Cameron    | Tobique River.....  | Tobique River .....                | do ...              | 30 00    |
| Magloire Caron ...  | Baker's Lake and adjoining streams...                                 | Caron Brook.....                   | do ...              | 30 00    |
|                     | <i>Westmoreland County.</i>   |                                    |                     |          |
| W. B. Deacon.....   | Shediac Harbour and River.....  | Shediac .....                      | Overseer..          | 100 00   |
| D. T. Cormier ..... | Dorchester Bay .....  | Pré-d'en haut.....                 | do ...              | 60 00    |
| Robt. Goodwin ...   | The Parishes of Sackville and Westmoreland .....                      | Bay Verte .....                    | do ...              | 100 00   |
|                     | Carried forward .....   |                                    |                     | 9,070 00 |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF NEW BRUNSWICK—Concluded.

| Name.               | District.   | Address.                            | Overseer or Warden. | Salary.             |
|---------------------|---|-------------------------------------|---------------------|---------------------|
|                     | Brought forward.....  |                                     |                     | \$ cts.<br>9,070 00 |
|                     | <i>York County.</i>   |                                     |                     |                     |
| Robert Orr.....     | County of York .....  | Fredericton.....                    | Overseer ..         | 150 00              |
| J. A. Campbell....  | Grand Pass, on St. John River, upwards, from Crock's Point to Lower Line of York County, including Nashwaak River ..... | Kingsclear, W.O., Fredericton. .... | Warden ...          | 60 00               |
| A. B. Cronkhite.... | St. John River, from Upper Line of York County to Crock's Point, on River St. John .....                                | Southampton.....                    | do ...              | 60 00               |
| A. Moir.....        | From Price's Bend to Burnt Hill, S. W. Miramichi.....   | Bloomfield .....                    | do ...              | 30 00               |
| A. Cunningham ...   | Skiff and Palfrey Lakes. ....   | Canterbury Station. ....            | Overseer ..         | 50 00               |
|                     | Total.....  |                                     |                     | 9,420 00            |

## PROVINCE OF PRINCE EDWARD ISLAND.

|                     |   |                        |                             |          |
|---------------------|---|------------------------|-----------------------------|----------|
| J. H. Duvar .....   | Prince Edward Island.....   | Alberton .....         | Inspector of Fisheries .... | 800 00   |
|                     | <i>Queen's County.</i>  |                        |                             |          |
| Michael Ready.....  | Winter River .....  | Tracadie .....         | Warden ...                  | 30 00    |
| Lionel Garnum....   | do .....  | Winter River .....     | do ...                      | 30 00    |
| S. Vanderstine....  | Vernon River .....  | Vernon River .....     | do ...                      | 30 00    |
| Geo. Stephensen...  | New Glasgow River .....   | New Glasgow .....      | do ...                      | 30 00    |
| James Power.....    | Huntley and Wheatley Rivers .....   | Hunter River .....     | do ...                      | 30 00    |
| Jonathan Delaney.   | New London.....   | New London.....        | do ...                      | 30 00    |
| John Mathieson...   | Bonshaw, from Appin Road to Dog River, and from South Wiltshire Road to the Coast .....   | West River.....        | do ...                      | 30 00    |
| Finlay Mackenzie.   | Lots 60 and 62 .....  | Pinette River .....    | do ...                      | 30 00    |
| Francis Stanley ... | Charlottetown, including East, West and North Rivers.....   | Charlottetown.....     | do ...                      | 30 00    |
| Wm. Whitehead ...   | South West River.....   | S. W. River .....      | do ...                      | 30 00    |
| Thomas Murphy ...   | Trout River .....   | Trout River .....      | do ...                      | 30 00    |
| Peter Traynor.....  | Johnston's River, including Oyster Fishery at its mouth .....   | Johnston's River ..... | do ...                      | 30 00    |
| Jno. Loughrin ..... | Orwell and Newtown Rivers .....   | Orwell .....           | do ...                      | 30 00    |
| W. Campbell .....   | Cousin's Run.....   | Cousin's Run.....      | do ...                      | 30 00    |
| George F. Beers ... | Pownal Bay and Seal River .....   | Cherry Valley .....    | do ...                      | 30 00    |
| James Howatt.....   | Crapaud .....   | Crapaud.....           | do ...                      | 30 00    |
| Dominique Buotte..  | District of Rustico .....   | Rustico .....          | do ...                      | 30 00    |
|                     | <i>Prince County.</i>   |                        |                             |          |
| Henry Clark.....    | Dunk River and Egmont Bay.....  | Summerside .....       | Overseer..                  | 200 00   |
| D. L. Bryant .....  | From western bank of Big Pierre Jacques River to the point where the North line of Lot 15 touches the shore of Egmont Bay ..... | Enmore River .....     | Warden ...                  | 30 00    |
|                     | Carried forward .....   |                        |                             | 1,540 00 |

## SCHEDULE of Fishery Officers in the Dominion—Continued.

## PROVINCE OF PRINCE EDWARD ISLAND—Concluded.

| Name.                                | District.   | Address.                | Overseer<br>or<br>Warden. | Salary.  |
|--------------------------------------|---|-------------------------|---------------------------|----------|
| Brought forward.. .. .               |   |                         |                           | 4,540 00 |
| <i>Prince County—Concluded.</i>      |   |                         |                           |          |
| Calvin Howat.....                    | Tryon River.....  | Tryon River.....        | Warden ...                | 30 00    |
| John Rix .....                       | Miminigash .....  | Miminigash.....         | do ...                    | 30 00    |
| James Ramsay.....                    | Lot 13, Trout River .....   | Lot 13.....             | do ...                    | 30 00    |
| Jas. A. McDonald.                    | Grand River.....  | Grand River.....        | do ...                    | 30 00    |
| John Tucker.....                     | Dunk River, Lot 25 .....  | Lot 25.....             | do ...                    | 30 00    |
| Patrick McBride...                   | do do .....   | do .....                | do ...                    | 30 00    |
| William Burns.....                   | do do .....   | do .....                | do ...                    | 30 00    |
| James Nelligan....                   | Nail Pond and Skinner's Pond .....  | Nail Pond .....         | do ...                    | 30 00    |
| John Beaton.....                     | Lots 5, 6 and 10 .....  | Lot 10.....             | do ...                    | 30 00    |
| Geo. A. Sharpe....                   | Lot 12, on the Narrows .....  | Lot 12.....             | do ...                    | 30 00    |
| John A. Sharpe....                   | Summerside, including Bedeque Bay<br>and South part of Richmond Bay...  | Summerside .....        | do ...                    | 30 00    |
| John O h a i s s o n<br>Chapel ..... | Tignish, from line of Lot No. 2, north-<br>ward, to include Little and Big<br>Tignish, and westward to Railway.       | Tignish .....           | do ...                    | 30 00    |
| Peter Aylward.....                   | Skinner's Pond, southward, from<br>south end of Nail Pond to Black<br>Pond, inclusive, and East to Rail-<br>way ..... | do .....                | do ...                    | 30 00    |
| Alex. McDonald ...                   | Cascumpeque Bay and Inlet, from the<br>Narrows to Kildare Capes .....   | Alberton .....          | do ...                    | 30 00    |
| Thos. Drummond .                     | Dunk River.....   | Freetown .....          | do ...                    | 30 00    |
| V. S. Gillis .....                   | Richard Bay and Malpeque.....   | Indian River, Lot 18... | do ...                    | 30 00    |
| Lawrence Doyle ..                    | From Little Miminigash to Cape Wolfe  | Lot 3.....              | do ...                    | 30 00    |
| J. K. Ramsay .....                   | From Cape Wolfe to Brae River.....  | Lot 7.....              | do ...                    | 30 00    |
| J. A. Arsenaault...                  | Lot 15, Egmont Bay .....  | Abram's Village.....    | do ...                    | 30 00    |
| J. F. B. Holland....                 | From Graham Head, Lot 26, to Cape<br>Traverse .....   | Bedeque .....           | do ...                    | 30 00    |
| <i>King's County.</i>                |   |                         |                           |          |
| Henry Morrow....                     | Souris River.....   | Souris River.....       | do ...                    | 30 00    |
| Allan McDonald...                    | North Lake.....   | North Lake.....         | do ...                    | 30 00    |
| Malcolm Mathew-<br>son.....          | Grand River.....  | Grand River.....        | do ...                    | 30 00    |
| Ronald McDonald.                     | Naufrage River .....  | Naufrage River.....     | do ...                    | 30 00    |
| Daniel Reilly.....                   | Montague, from Georgetown Road to<br>Whim Road, and from County Line<br>to the Coast.....                             | Montague River.....     | do ...                    | 30 00    |
| John Lowe.....                       | Murray Harbour and River, including<br>Lots 63 and 64.....  | Murray Harbour.....     | do ...                    | 30 00    |
| Peter Duffy.....                     | St. Peter's and Morell.....   | St. Peter's.....        | do ...                    | 30 00    |
| James Mitchell....                   | First District of Morell .....  | Peake's Road .....      | do ...                    | 30 00    |
| John O'Brien.....                    | Second do .....   | Morell River.....       | do ...                    | 30 00    |
| Pat. McCullough...                   | Third do .....  | Peake's Road .....      | do ...                    | 30 00    |
| J. H. Dingwell....                   | Fourth do .....   | Morell River .....      | do ...                    | 30 00    |
| James Burke.....                     | Cardigan Bay.....   | Georgetown .....        | do ...                    | 30 00    |
| Robert Quinn.....                    | Brudenell River.....  | Cardigan.....           | do ...                    | 30 00    |
| John Conaghan....                    | Bay Fortune, from Little River to<br>Rollo Bay .....  | Bay Fortune.....        | do ...                    | 30 00    |
| Total .....                          |   |                         |                           | 2,560 00 |

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SCHEDULE of Fishery Officers in the Dominion—*Concluded.*


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## PROVINCE OF BRITISH COLUMBIA.

| Name.              | District.             | Address.             | Overseer<br>or<br>Warden.           | Salary.           |
|--------------------|-----------------------|----------------------|-------------------------------------|-------------------|
| Geo. Pittendreigh. | British Columbia..... | New Westminster..... | Inspector<br>of Fish-<br>eries..... | \$ cts.<br>800 00 |

## PROVINCE OF MANITOBA.

|                     |                                       |                       |                                     |        |
|---------------------|---------------------------------------|-----------------------|-------------------------------------|--------|
| Alex. McQueen....   | Province of Manitoba.....             | Winnipeg.....         | Inspector<br>of Fish-<br>eries..... | 900 00 |
| F. C. Gilchrist.... | Qu' Appelle River and adjoining lakes | Fort Qu' Appelle..... | Overseer.....                       | .....  |

STATEMENT

OF EXPENDITURE on account of Fisheries, for the Year ended 30th June, 1884.

| To whom Paid.                                | Service.  | Amount.  | Total.  |
|--|---|----------|---------|
| ONTARIO.                                     |   |          |         |
| SALARIES OF FISHERY OVERSEERS AND GUARDIANS. |   | \$ cts.  | \$ cts. |
| J. W. Kerr. ....                             | For 12 months salary as Fishery Overseer, to 30th June, 1884..... | 500 00   |         |
| C. Gilchrist .....                           | do do .....   | 400 00   |         |
| Chas. Wilkins.....                           | do do .....   | 400 00   |         |
| F. Boismier.....                             | do do .....   | 300 00   |         |
| J. Redmond .....                             | do do .....   | 300 00   |         |
| Peter McCann .....                           | do do .....   | 250 00   |         |
| Geo. Cochrane.....                           | do do .....   | 250 00   |         |
| John Mooney.....                             | do do .....   | 200 00   |         |
| Peter Kiel.....                              | do do .....   | 200 00   |         |
| David Sharp .....                            | do do .....   | 200 00   |         |
| D. McMaster .....                            | do do .....   | 200 00   |         |
| D. A. Cameron.....                           | do do .....   | 200 00   |         |
| Wm. Boucher.....                             | do do .....   | 175 00   |         |
| G. B. McDermott.....                         | do do .....   | 150 00   |         |
| Jos. Wilson.....                             | do do .....   | 150 00   |         |
| L. S. Saunders.....                          | do do .....   | 150 00   |         |
| A. D. Sills.....                             | do do .....   | 150 00   |         |
| J. McMullan .....                            | do do .....   | 150 00   |         |
| W. E. Foote.....                             | do do .....   | 125 00   |         |
| Wm. Prosser.....                             | do do .....   | 100 00   |         |
| A. C. McKinnon .....                         | do do .....   | 100 00   |         |
| James Muir.....                              | do do .....   | 100 00   |         |
| G. S. Miller.....                            | do do .....   | 100 00   |         |
| Samuel Frazer.....                           | do do .....   | 100 00   |         |
| James Dickson .....                          | do do .....   | 100 00   |         |
| J. Dauncey.....                              | do do .....   | 100 00   |         |
| W. A. McRae.....                             | do do .....   | 100 00   |         |
| J. A. Cameron.....                           | do do .....   | 100 00   |         |
| P. McCarron.....                             | do do .....   | 100 00   |         |
| Ephraim Deacon.....                          | do do .....   | 100 00   |         |
| J. R. Graham.....                            | do do .....   | 100 00   |         |
| W. P. Croome.....                            | do do .....   | 100 00   |         |
| Wm. Helliwell.....                           | do do .....   | 100 00   |         |
| T. Merritt.....                              | do do .....   | 100 00   |         |
| Robt. Gilbert.....                           | do do .....   | 100 00   |         |
| H. R. Purcell.....                           | do do .....   | 100 00   |         |
| G. R. Steele.....                            | do do .....   | 100 00   |         |
| N. Acton.....                                | do do .....   | 100 00   |         |
| N. Simmons.....                              | do do .....   | 100 00   |         |
| C. Roper.....                                | do do .....   | 100 00   |         |
| John Grant.....                              | do do .....   | 91 66    |         |
| Geo Jeacle.....                              | do do .....   | 87 50    |         |
| T. McQueen.....                              | do do .....   | 75 00    |         |
| W. H. Johnston.....                          | do do .....   | 75 00    |         |
| Wm. Johnson.....                             | do do .....   | 75 00    |         |
| John Wallace.....                            | do do .....   | 50 00    |         |
| Carried forward .....                        |   | 7,004 16 |         |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued,

| To whom Paid.  | Services.  | Amount..            | Total.   |
|--|--|---------------------|----------|
|  | Brought forward.....   | \$ cts.<br>7,004 16 | \$ cts.  |
| ONTARIO—Continued.                                     |  |                     |          |
| SALARIES OF FISHERY OVERSEERS AND GUARDIANS—Continued. |  |                     |          |
| John Cox .....   | For 12 months salary as Fishery Overseer, to 30th June, 1884 ..... | 50 00               |          |
| Alex. McBride .....                                    | do do .....  | 50 00               |          |
| John McMichael .....                                   | do do .....  | 50 00               |          |
| Andrew Hughson .....                                   | do do .....  | 50 00               |          |
| J. Cummins .....                                       | do do .....  | 50 00               |          |
| Andrew Telfer .....                                    | do do .....  | 50 00               |          |
| Wellington Hull .....                                  | do do .....  | 50 00               |          |
| Wm. Hastings .....                                     | do do .....  | 50 00               |          |
| C. W. Raymond .....                                    | do do .....  | 50 00               |          |
| Wm. Poole .....  | do do .....  | 50 00               |          |
| A. E. Mills .....                                      | do do .....  | 50 00               |          |
| J. R. McDonald .....                                   | do do .....  | 50 00               |          |
| T. McGarrity .....                                     | do do .....  | 50 00               |          |
| J. B. Moody .....                                      | do do .....  | 50 00               |          |
| Wm. McDermot .....                                     | do do .....  | 50 00               |          |
| John Murphy .....                                      | do do .....  | 50 00               |          |
| Peter Price .....                                      | do do .....  | 50 00               |          |
| R. G. Dalton .....                                     | do do .....  | 50 00               |          |
| John Smith .....                                       | do do .....  | 50 00               |          |
| Hugh McFayden .....                                    | do do .....  | 40 00               |          |
| Wm. Hicks .....  | do do .....  | 40 00               |          |
| James Greer .....                                      | do do .....  | 40 00               |          |
| W. B. Jelly .....                                      | do do .....  | 30 00               |          |
| Jas. McFadden .....                                    | do do .....  | 30 00               |          |
| W. D. Pollock .....                                    | do do .....  | 30 00               |          |
| O. Miron .....   | do do .....  | 25 00               |          |
| M. L. Russell .....                                    | do do .....  | 25 00               |          |
| Thomas McKibbon .....                                  | do do .....  | 25 00               |          |
| Geo. Douglas .....                                     | do do .....  | 25 00               |          |
| Arch. Acheson .....                                    | do do .....  | 25 00               |          |
| Jos. Belanger .....                                    | do do .....  | 20 00               |          |
| Henry Hunt .....                                       | do do .....  | 20 00               |          |
| A. Quenneville .....                                   | do do .....  | 60 00               |          |
| Angus Brady .....                                      | 18 do .....  | 25 00               |          |
| F. M. G. Fraser .....                                  | 6 do .....   | 25 00               |          |
| Solomon James .....                                    | 6 do .....   | 67 74               |          |
| J. Patton .....  | Balance salary .....   | 20 00               |          |
| J. R. Proctor .....                                    | Salary as acting Fishery Overseer .....                            | 50 00               |          |
| N. Flanagan .....                                      | Wages as Guardian .....  |                     | 8,616 90 |
| DISBURSEMENTS OF FISHERY OVERSEERS.                    |  |                     |          |
| J. W. Kerr .....                                       | For 12 months disbursements, to 30th June, 1884 .....              | 883 89              |          |
| Joseph Wilson .....                                    | do do .....  | 449 60              |          |
| Chas. Gilchrist .....                                  | do do .....  | 444 95              |          |
| Chas. Wilkins .....                                    | do do .....  | 378 50              |          |
| Geo. Cochrane .....                                    | do do .....  | 333 43              |          |
| Wm. Boucher .....                                      | do do .....  | 290 25              |          |
| J. A. Cameron .....                                    | do do .....  | 263 15              |          |
| G. B. McDermot .....                                   | do do .....  | 254 00              |          |
| John Mooney .....                                      | do do .....  | 189 00              |          |
|  | Carried forward.....   | 3,486 77            | 8,616 90 |



STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                                 | Service.   | Amount.  | Total.    |
|---|--|----------|-----------|
|   |  | \$ cts.  | \$ cts.   |
|   | Brought forward.....                               | 3,486 77 | 8,616 90  |
| ONTARIO—Continued.                            |  |          |           |
| DISBURSEMENTS OF FISHERY OVERSEERS, ETC.—Con. |  |          |           |
| A. C. McKinnon.....                           | For 12 months disbursements, to 30th June, 1884... | 187 05   |           |
| Samuel Frazer.....                            | do   | 143 00   |           |
| W. E. Foote.....                              | do   | 115 74   |           |
| Jos. Redmond.....                             | do   | 109 55   |           |
| N. Simmons.....                               | do   | 102 00   |           |
| Wm. Helliwell.....                            | do   | 91 70    |           |
| David Sharpe.....                             | do   | 91 28    |           |
| Thomas Merritt.....                           | do   | 90 00    |           |
| James Dickson.....                            | do   | 89 75    |           |
| W. H. Johnston.....                           | do   | 80 50    |           |
| George Jeacle.....                            | do   | 79 50    |           |
| Andrew Hughson.....                           | do   | 76 00    |           |
| Timothy McQueen.....                          | do   | 70 50    |           |
| W. P. Croome.....                             | do   | 66 99    |           |
| H. R. Purcell.....                            | do   | 63 80    |           |
| Wellington Hull.....                          | do   | 63 50    |           |
| Wm. Hastings.....                             | do   | 61 50    |           |
| L. S. Saunders.....                           | do   | 61 26    |           |
| A. D. Sills.....                              | do   | 59 00    |           |
| R. Gilbert.....                               | do   | 58 50    |           |
| John Grant.....                               | do   | 56 15    |           |
| G. S. Miller.....                             | do   | 52 00    |           |
| Peter Kiel.....                               | do   | 51 50    |           |
| Geo. Douglas.....                             | do   | 46 50    |           |
| J. R. Graham.....                             | do   | 46 00    |           |
| Peter McCann.....                             | do   | 44 40    |           |
| W. A. McRae.....                              | do   | 39 50    |           |
| W. B. Jelly.....                              | do   | 39 00    |           |
| Wm. Hicks.....                                | do   | 38 00    |           |
| John Cox.....                                 | do   | 34 00    |           |
| Wm. McDermott.....                            | do   | 33 99    |           |
| John McMichael.....                           | do   | 33 50    |           |
| Arch. Acheson.....                            | do   | 33 75    |           |
| James Muir.....                               | do   | 32 00    |           |
| Wm. Johnson.....                              | do   | 31 95    |           |
| R. G. Dalton.....                             | do   | 30 65    |           |
| E. Boismier.....                              | do   | 29 50    |           |
| J. McMullan.....                              | do   | 28 45    |           |
| Terrence McGarrity.....                       | do   | 21 25    |           |
| John Murphy.....                              | do   | 16 25    |           |
| Peter Price.....                              | do   | 16 00    |           |
| A. Quenneville.....                           | do   | 16 00    |           |
| Andrew Telfer.....                            | do   | 14 50    |           |
| Jas. Cummins.....                             | do   | 13 50    |           |
| Wm. Poole.....                                | do   | 12 25    |           |
| J. B. Moody.....                              | do   | 12 00    |           |
| John Dauncey.....                             | do   | 11 50    |           |
| A. E. Mills.....                              | do   | 11 25    |           |
| Ephraim Deacon.....                           | do   | 10 00    |           |
| Henry Hunt.....                               | do   | 9 00     |           |
| J. R. Procter.....                            | do   | 8 50     |           |
| T. McKibbon.....                              | do   | 8 00     |           |
| N. Acton.....                                 | do   | 5 80     |           |
|   | Carried forward.....                               |          | 6,134 53  |
|   |  |          | 14,751 43 |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                                 | Service.  | Amount. | Total.    |
|---|---|---------|-----------|
|   |   | \$ cts. | \$ cts.   |
|   | Brought forward .....   |         | 14,751 43 |
| ONTARIO—Concluded.                            |   |         |           |
| DISBURSEMENTS OF FISHERY OVERSEERS, ETC.—Con. |   |         |           |
| George Moberly .....                          | Tug for Overseer Patton.....                                      | 150 00  |           |
| D. Cameron .....                              | Wages of boatmen .....  | 87 70   |           |
| S. Fraser.....                                | do .....  | 70 00   |           |
| Guy Read .....                                | Special Guardian, Rideau River.....                               | 56 05   |           |
| Jas. Devitt.....                              | do .....  | 40 05   |           |
| D. R. Springer .....                          | Professional services .....                                       | 18 00   |           |
| A. Houghton.....                              | Removing saw dust, Sydenham River.....                            | 15 00   |           |
| W. H. Davies.....                             | Horse hire.....   | 4 50    |           |
|   | Total.....  |         | 441 30    |
|   |   |         | 15,192 73 |
| QUEBEC.                                       |   |         |           |
| SALARIES OF FISHERY OVERSEERS AND GUARDIANS.  |   |         |           |
| J. A. Verge.....                              | For 12 months salary as Fishery Overseer, to 30th June, 1884..... | 500 00  |           |
| H. W. Austin.....                             | do do .....   | 400 00  |           |
| Jos. Marion.....                              | do do .....   | 250 00  |           |
| Clovis Caron .....                            | do do .....   | 200 00  |           |
| John Morris.....                              | do do .....   | 200 00  |           |
| John Cullen .....                             | do do .....   | 200 00  |           |
| Cyrille Barbeau .....                         | do do .....   | 200 00  |           |
| T. Mignault.....                              | do do .....   | 200 00  |           |
| G. Mathurin .....                             | do do .....   | 200 00  |           |
| Philip Vibert .....                           | do do .....   | 200 00  |           |
| Jos. Radford.....                             | do do .....   | 200 00  |           |
| J. E. Chevalier.....                          | do do .....   | 150 00  |           |
| G. L. Duguay.....                             | do do .....   | 150 00  |           |
| Frs. Duchésne .....                           | do do .....   | 150 00  |           |
| J. O. Bélanger.....                           | do do .....   | 150 00  |           |
| W. C. Willis.....                             | do do .....   | 100 00  |           |
| Jules Gauvreau .....                          | do do .....   | 100 00  |           |
| H. Martin.....                                | do do .....   | 100 00  |           |
| L. E. Grondin.....                            | do do .....   | 100 00  |           |
| J. J. Letourneau.....                         | do do .....   | 100 00  |           |
| L. P. Huot .....                              | do do .....   | 100 00  |           |
| J. Legouve .....                              | do do .....   | 100 00  |           |
| W. H. Whitely.....                            | do do .....   | 100 00  |           |
| A. E. Chevrier.....                           | do do .....   | 100 00  |           |
| N. A. Beach.....                              | do do .....   | 100 00  |           |
| P. Latraverse .....                           | do do .....   | 100 00  |           |
| W. McLeod.....                                | do do .....   | 100 00  |           |
| Jacques Girard.....                           | do do .....   | 100 00  |           |
| Jos. Lauzon .....                             | do do .....   | 100 00  |           |
| J. B. McDonald .....                          | do do .....   | 100 00  |           |
| John Kelly .....                              | do do .....   | 87 50   |           |
| J. Desaulniers .....                          | do do .....   | 75 00   |           |
| P. Dubé .....                                 | do do .....   | 75 00   |           |
| J. F. Picotin.....                            | do do .....   | 75 00   |           |
| P. C. Bourk .....                             | do do .....   | 75 00   |           |
| Wm. Ritchie.....                              | do do .....   | 75 00   |           |
|   | Carried forward.....  |         | 5,462 50  |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.         | Service.  | Amount.  | Total.  |
|-----------------------|---|----------|---------|
|                       |   | \$ cts.  | \$ cts. |
|                       | Brought forward.....  | 5,462 50 |         |
|                       | <b>QUEBEC—Continued.</b>  |          |         |
|                       | <b>SALARIES, ETC.—Continued.</b>                                  |          |         |
| J. S. Martel.....     | For 12 months salary as Fishery Overseer, to 30th June, 1884..... | 75 00    |         |
| John Phelan.....      | do do.....  | 50 00    |         |
| Joseph Boily.....     | do do.....  | 50 00    |         |
| P. E. Luke.....       | do do.....  | 50 00    |         |
| J. Laberge.....       | do do.....  | 50 00    |         |
| Romuald Maltais.....  | do do.....  | 50 00    |         |
| Charles Potvin.....   | do do.....  | 50 00    |         |
| Ulysse Bhereur.....   | do do.....  | 50 00    |         |
| J. T. Coghlan.....    | do do.....  | 50 00    |         |
| Robt. Joynt.....      | do do.....  | 50 00    |         |
| Job Bilodeau.....     | do do.....  | 50 00    |         |
| Charles Ascah.....    | do do.....  | 50 00    |         |
| Joseph Simard.....    | do do.....  | 40 00    |         |
| R. W. Jones.....      | do do.....  | 40 00    |         |
| Vital Veilleux.....   | do do.....  | 40 00    |         |
| James Mohr.....       | do do.....  | 40 00    |         |
| S. A. Grant.....      | do do.....  | 40 00    |         |
| George Gagnon.....    | do do.....  | 30 00    |         |
| Henri Côté.....       | do do.....  | 30 00    |         |
| Edward Martin.....    | do do.....  | 30 00    |         |
| Antoine Filion.....   | do do.....  | 30 00    |         |
| Alexander Beaton..... | do do.....  | 30 00    |         |
| M. Hurteau.....       | do do.....  | 25 00    |         |
| L. Lachapelle.....    | 18 do.....  | 45 00    |         |
| T. Sabourin.....      | 8½ do.....  | 70 83    |         |
| A. Campbell.....      | 6 do 31st December, 1883....                                      | 50 00    |         |
| T. Décoteau.....      | 6 do do.....  | 37 50    |         |
| D. Bédard.....        | 6 do do.....  | 30 00    |         |
| W. Clyde.....         | 6 do do.....  | 25 00    |         |
| D. D. Foster.....     | 6 do do.....  | 12 50    |         |
| Jos. Gingras.....     | 6 do 30th June, 1884.....   | 12 50    |         |
| J. Boivin.....        | 3 do do.....  | 12 50    |         |
| T. Marchessault.....  | 3 do do.....  | 12 50    |         |
| J. B. Saucier.....    | 2 do do.....  | 16 66    |         |
| D. McLaren.....       | Wages as Guardian, Saguenay District.....                         | 39 50    |         |
| P. Dufour.....        | do do.....  | 22 00    |         |
| A. Simard.....        | do Bergeronnes.....   | 20 00    |         |
| P. Pednault.....      | do do.....  | 22 00    |         |
| Wm. Manning.....      | do Laval.....   | 22 00    |         |
| Jos. Radford.....     | Postages, etc.....  | 3 00     |         |
| Wm. Delaney.....      | Wages as Guardian, Restigouche River, 1883....                    | 137 00   |         |
| S. Ferguson.....      | do do.....  | 128 00   |         |
| And. Alford.....      | do do.....  | 127 00   |         |
| Thomas Downs.....     | do do.....  | 125 00   |         |
| Thomas Dickson.....   | do do.....  | 106 50   |         |
| G. Lefurgey.....      | do do.....  | 100 00   |         |
| Jos. Eden, jun.....   | Gaspé Division.....   | 65 00    |         |
| G. T. Annett.....     | do do.....  | 43 00    |         |
| Thomas Ramsey.....    | do do.....  | 40 00    |         |
| P. Miller.....        | do do.....  | 35 00    |         |
| W. McGowan, jun.....  | Lake Memphremagog.....  | 54 00    |         |
| U. Bhereur.....       | do do.....  | 47 00    |         |
| O. Hutchins.....      | do do.....  | 46 00    |         |
| M. A. Ballard.....    | do do.....  | 29 00    |         |
|                       | Carried forward.....  | 7,998 49 |         |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid. <sup>4</sup> | Service.  | Amount.  | Total.    |
|----------------------------|---|----------|-----------|
|                            |   | \$ cts.  | \$ cts.   |
|                            | Brought forward .....                               | 7,998 49 |           |
|                            | QUEBEC—Continued.                                   |          |           |
|                            | SALARIES, ETC.—Concluded.                           |          |           |
| N. A. Beach .....          | For Wages as Guardian, Lake Memphremagog .....      | 22 00    |           |
| T. Evans .....             | do do .....   | 12 00    |           |
| John Jardine .....         | do do .....   | 8 00     |           |
| W. E. Peasley ..           | do do .....   | 6 00     |           |
| John Carberry ..           | do Grand River .....                                | 27 00    |           |
| F. J. Annett .....         | do do .....   | 3 90     |           |
| D. Tremblay .....          | do Portneuf River .....                             | 25 00    |           |
| Jos Simard .....           | do Lakes near Murray Bay ...                        | 21 60    |           |
| D. R. Cameron ..           | do Derry Lakes .....                                | 15 00    |           |
| G. Gaudin .....            | do Little River .....                               | 6 00     |           |
| T. McCallum .....          | Watching nets, Season 1883 .....                    | 20 00    |           |
| A. Fournier .....          | Wages and board .....                               | 43 50    |           |
| N. Daigle .....            | do .....  | 43 50    |           |
| S. Gaudreau .....          | do .....  | 10 50    |           |
|                            |   |          | 8,262 49- |
|                            | DISBURSEMENTS OF FISHERY OVERSEERS.                 |          |           |
| Jos. Marion .....          | For 12 months disbursements, to 30th June, 1884 ... | 410 90   |           |
| Jos. Radford .....         | do do .....   | 365 05   |           |
| W. C. Willis .....         | do do .....   | 240 65   |           |
| G. L. Duguay .....         | do do .....   | 207 00   |           |
| T. Mignault .....          | do do .....   | 183 59   |           |
| G. Mathurin .....          | do do .....   | 148 10   |           |
| John Kelly .....           | do do .....   | 147 50   |           |
| J. A. Verge .....          | do do .....   | 143 75   |           |
| Jos. Desaulniers ..        | do do .....   | 141 00   |           |
| John Morris .....          | do do .....   | 139 90   |           |
| Philip Vibert .....        | do do .....   | 132 41   |           |
| Robert Jovnt .....         | do do .....   | 125 75   |           |
| John Cullen .....          | do do .....   | 124 65   |           |
| Frs. Duchesne .....        | do do .....   | 123 35   |           |
| Jean Legouve .....         | do do .....   | 121 50   |           |
| J. O. Belanger .....       | do do .....   | 119 68   |           |
| Wm. McLeod .....           | do do .....   | 116 00   |           |
| H. W. Austin .....         | do do .....   | 115 90   |           |
| Joachim Laberge ..         | do do .....   | 111 30   |           |
| J. F. Picotin .....        | do do .....   | 95 23    |           |
| P. E. Luke .....           | do do .....   | 92 85    |           |
| F. C. Caron .....          | do do .....   | 91 40    |           |
| P. Dubé .....              | do do .....   | 84 50    |           |
| J. B. Chevalier .....      | do do .....   | 72 00    |           |
| A. E. Chevrier .....       | do do .....   | 67 71    |           |
| Jos. Lauzon .....          | do do .....   | 66 30    |           |
| P. Latraverse .....        | do do .....   | 60 35    |           |
| A. Chambers .....          | do do .....   | 60 00    |           |
| J. J. Letourneau ..        | do do .....   | 58 75    |           |
| H. Martin .....            | do do .....   | 57 60    |           |
| R. W. Jones .....          | do do .....   | 56 50    |           |
| Jules Gauvreau .....       | do do .....   | 55 50    |           |
| A. Beaton .....            | do do .....   | 52 00    |           |
| Job Bilodeau .....         | do do .....   | 51 25    |           |
| M. Hurteau .....           | do do .....   | 47 90    |           |
| Wm. Ritchie .....          | do do .....   | 41 65    |           |
| Jos. Gingras .....         | do do .....   | 37 50    |           |
|                            | Carried forward .....                               | 4,366 07 | 8,262 49- |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.  | Service.  | Amount.             | Total.              |
|--|---|---------------------|---------------------|
|  | Brought forward.....                                | \$ cts.<br>4,366 07 | \$ cts.<br>8,262 49 |
| <b>QUEBEC—Concluded.</b>                             |   |                     |                     |
| <b>DISBURSEMENTS OF FISHERY OVERSEERS—Concluded.</b> |   |                     |                     |
| N. A. Beach .....                                    | For 12 months disbursements, to 30th June, 1884 ... | 35 25               |                     |
| Romuld Maltais.....                                  | do do .....   | 33 00               |                     |
| J. S. Martel .....                                   | do do .....   | 32 50               |                     |
| Chas. Potvin .....                                   | do do .....   | 42 50               |                     |
| John Phelan.....                                     | do do .....   | 24 00               |                     |
| Wm. Clyde .....                                      | do do .....   | 19 25               |                     |
| J. B. McDonald .....                                 | do do .....   | 17 25               |                     |
| Ulysse Bhereur .....                                 | do do .....   | 15 00               |                     |
| V. Veilleux.....                                     | do do .....   | 15 00               |                     |
| Thos. Decoteau .....                                 | do do .....   | 15 00               |                     |
| P. C. Bourk .....                                    | do do .....   | 14 30               |                     |
| L. Lachapelle .....                                  | do do .....   | 12 40               |                     |
| S. A. Grant .....                                    | do do .....   | 11 70               |                     |
| G. Gagnon .....                                      | do do .....   | 11 40               |                     |
| J. T. Coghlan .....                                  | do do .....   | 10 00               |                     |
| L. P. Huot .....                                     | do do .....   | 7 03                |                     |
| James Mohr .....                                     | do do .....   | 5 12                |                     |
|  |   |                     | 4,686 77            |
| Pat. Stephens .....                                  | Special Guardian, Matane River.....                 | 50 00               |                     |
| A. Rattee.....                                       | Repairs to boats .....                              | 27 00               |                     |
| A. Campbell.....                                     | Rent of fishing rights, Campbell's Bay, 1883 .....  | 25 00               |                     |
| J. McLachlin.....                                    | do do .....   | 20 00               |                     |
| James Lamb.....                                      | do do .....   | 15 00               |                     |
| F. Johnston.....                                     | do do .....   | 10 00               |                     |
| B. Hodgins.....                                      | do do .....   | 10 00               |                     |
| L. Carpentier.....                                   | do Fish Bay, 1883 .....                             | 20 00               |                     |
| M. Gleeson.....                                      | do do .....   | 10 00               |                     |
| P. & T. McNamara .....                               | do do .....   | 5 00                |                     |
| M. McLauchlin .....                                  | do do .....   | 5 00                |                     |
| M. Summers .....                                     | do do .....   | 5 00                |                     |
| J. McDermaid .....                                   | do do .....   | 5 00                |                     |
| J. Bedard.....                                       | do do .....   | 5 00                |                     |
| D. Bedard.....                                       | do do .....   | 5 00                |                     |
| S. P. Bauset.....                                    | Disbursements.....                                  | 20 00               |                     |
|  |   |                     | 237 00              |
|  | <b>Total.....</b>                                   |                     | <b>13,186 26</b>    |
| <b>NOVA SCOTIA.</b>                                  |   |                     |                     |
| <b>SALARIES OF FISHERY OVERSEERS AND WARDENS.</b>    |   |                     |                     |
| <i>County of Annapolis.</i>                          |   |                     |                     |
| W. T. Carty.....                                     | For 12 months salary, to 30th June, 1884.....       | 120 00              |                     |
| A. F. Morton.....                                    | do do .....   | 25 00               |                     |
| Geo. Vroom .....                                     | do do .....   | 25 00               |                     |
| Wm. Crosscup.....                                    | do do .....   | 25 00               |                     |
| W. A. Rice .....                                     | do do .....   | 25 00               |                     |
| Wm. Bailley.....                                     | do do .....   | 25 00               |                     |
| Michael Riordan .....                                | do do .....   | 25 00               |                     |
| Albert Bartheaux .....                               | do do .....   | 25 00               |                     |
| T. R. Ilsley.....                                    | do do .....   | 25 00               |                     |
|  |   |                     | 320 00              |
|  | <b>Carried forward.....</b>                         |                     | <b>320 00</b>       |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                   | Service.                                      | Amount. | Total.   |
|---------------------------------|---|---------|----------|
|                                 |   | \$ cts. | \$ cts.  |
|                                 | Brought forward .....                         |         | 320 00   |
| <b>NOVA SCOTIA—Continued.</b>   |   |         |          |
| <b>SALARIES, ETC—Continued.</b> |   |         |          |
| <i>County of Antigonish.</i>    |   |         |          |
| John McDonald.....              | For 12 months salary, to 30th June, 1884..... | 125 00  |          |
| Lochlin Cameron.....            | do do .....                                   | 30 00   |          |
| John Dexter.....                | do do .....                                   | 30 00   |          |
| Angus McDonald.....             | do do .....                                   | 25 00   |          |
| J. R. Aymer.....                | do do .....                                   | 25 00   |          |
| Colin Chisholm.....             | do do .....                                   | 25 00   |          |
| Donald Chisholm.....            | do do .....                                   | 25 00   |          |
| Alex. McAdam.....               | do do .....                                   | 25 00   |          |
| James Chisholm.....             | do do .....                                   | 25 00   |          |
| Arch. McDougall.....            | do do .....                                   | 25 00   |          |
| Donald McDonald.....            | do do .....                                   | 25 00   |          |
| John Cumming.....               | do do .....                                   | 20 00   |          |
| Duncan Frazer.....              | do do .....                                   | 20 00   |          |
| Albert Randall.....             | do do .....                                   | 15 00   |          |
|                                 |   |         | 440 00   |
| <i>County of Cape Breton.</i>   |   |         |          |
| Francis Quinan.....             | For 12 months salary, to 30th June, 1884..... | 120 00  |          |
| Alex. McDonald.....             | do do .....                                   | 120 00  |          |
| York Barrington.....            | do do .....                                   | 120 00  |          |
| Donald McDonald.....            | do do .....                                   | 45 00   |          |
| John McEachen.....              | do do .....                                   | 25 00   |          |
| Angus Morrison.....             | do do .....                                   | 25 00   |          |
| Denis Murphy.....               | do do .....                                   | 25 00   |          |
| M. McLellan.....                | do do .....                                   | 25 00   |          |
| Patrick Keefe.....              | do do .....                                   | 25 00   |          |
| Donald McCormack.....           | do do .....                                   | 25 00   |          |
| Wm. Burke.....                  | do do .....                                   | 25 00   |          |
| Allan McAdam.....               | do do .....                                   | 25 00   |          |
| D. J. McNeil.....               | do do .....                                   | 25 00   |          |
| Alex. McLean.....               | do do .....                                   | 20 00   |          |
| Arch. McDonald.....             | do do .....                                   | 20 00   |          |
|                                 |   |         | 670 00   |
| <i>County of Colchester.</i>    |   |         |          |
| J. W. Davison.....              | For 12 months salary, to 30th June, 1884..... | 100 00  |          |
| Henry Blair.....                | do do .....                                   | 100 00  |          |
| R. J. Pollock.....              | do do .....                                   | 75 00   |          |
| Henderson Gass.....             | do do .....                                   | 50 00   |          |
| Daniel McKay.....               | do do .....                                   | 40 00   |          |
| H. M. Fulton.....               | do do .....                                   | 30 00   |          |
| George Fulton.....              | do do .....                                   | 25 00   |          |
| George Moore.....               | do do .....                                   | 25 00   |          |
| M. G. Murray.....               | do do .....                                   | 25 00   |          |
| Wm. Winton.....                 | do do .....                                   | 25 00   |          |
| Alfred Wright.....              | do do .....                                   | 25 00   |          |
| Timothy Johnson.....            | do do .....                                   | 25 00   |          |
| R. R. Fulton.....               | do do .....                                   | 25 00   |          |
| Henry Urquhart.....             | do do .....                                   | 25 00   |          |
| Samuel Frame.....               | do do .....                                   | 25 00   |          |
|                                 |   |         | 620 00   |
|                                 | Carried forward .....                         | 620 00  | 1,430 00 |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                      | Service.                                       | Amount. | Total.   |
|------------------------------------|--|---------|----------|
|                                    |  | \$ cts. | \$ cts.  |
|                                    | Brought forward .....                          | 620 00  | 1,430 00 |
|                                    | NOVA SCOTIA—Continued.                         |         |          |
|                                    | SALARIES, ETC.—Continued.                      |         |          |
|                                    | County of Colchester—Concluded.                |         |          |
| Ed. Rutherford .....               | For 12 months salary, to 30th June, 1884 ..... | 25 00   |          |
| Hibbert Corbett .....              | 10 do do .....                                 | 20 84   |          |
| Jesse Fulmer .....                 | 10 do do .....                                 | 20 84   |          |
| Henry Blair .....                  | Balance of salary to 30th June, 1883.....      | 37 50   |          |
|                                    |  |         | 724 18   |
|                                    | County of Cumberland.                          |         |          |
| Elijah Fowler .....                | For 12 months salary, to 30th June, 1884.....  | 130 00  |          |
| G. W. Gilroy .....                 | do do .....                                    | 100 00  |          |
| Wm. Murphy .....                   | do do .....                                    | 30 00   |          |
| J. W. Moore .....                  | do do .....                                    | 25 00   |          |
| David Corbett .....                | do do .....                                    | 25 00   |          |
| Moses Harrison .....               | do do .....                                    | 25 00   |          |
| F. L. Jenks .....                  | do do .....                                    | 25 00   |          |
| T. R. Smith .....                  | do do .....                                    | 25 00   |          |
| Samuel McPherson .....             | do do .....                                    | 25 00   |          |
| Joseph Porter .....                | do do .....                                    | 25 00   |          |
| Sydney Smith .....                 | do do .....                                    | 25 00   |          |
|                                    |  |         | 460 00   |
|                                    | County of Digby.                               |         |          |
| Wm. Hanley .....                   | For 12 months salary, to 30th June, 1884.....  | 120 00  |          |
| A. L. Gavil .....                  | do do .....                                    | 25 00   |          |
| Loeh in McKay .....                | do do .....                                    | 25 00   |          |
| Robert Journey .....               | do do .....                                    | 25 00   |          |
| J. A. Collins .....                | 7 do do .....                                  | 70 00   |          |
|                                    |  |         | 265 00   |
|                                    | County of Guysborough.                         |         |          |
| James A. Tory .....                | For 12 months salary, to 30th June, 1884.....  | 150 00  |          |
| Allan McQuarrie .....              | do do .....                                    | 100 00  |          |
| D. A. McDonald .....               | do do .....                                    | 40 00   |          |
| Donald Gunn .....                  | do do .....                                    | 30 00   |          |
| Wm. Pride .....                    | do do .....                                    | 30 00   |          |
| Adam Kirk .....                    | do do .....                                    | 30 00   |          |
| Thomas McKeen .....                | do do .....                                    | 30 00   |          |
| James Cook .....                   | do do .....                                    | 25 00   |          |
| Wm. McDonald .....                 | do do .....                                    | 25 00   |          |
| J. L. Smith .....                  | do do .....                                    | 25 00   |          |
| Angus Cameron .....                | do do .....                                    | 25 00   |          |
| James McEllum .....                | do do .....                                    | 25 00   |          |
| John Jones .....                   | do do .....                                    | 25 00   |          |
| James Henderson .....              | do do .....                                    | 25 00   |          |
| Samuel Hudson (Lewis<br>son) ..... | do do .....                                    | 25 00   |          |
| J. J. Sangster .....               | do do .....                                    | 25 00   |          |
| James Harrigan jun .....           | do do .....                                    | 25 00   |          |
| D. McC. Sinclair .....             | do do .....                                    | 20 00   |          |
| Duncan Cameron .....               | do do .....                                    | 20 00   |          |
| Charles Kenney .....               | do do .....                                    | 15 00   |          |
|                                    | Carried forward .....                          | 715 00  | 2,879 18 |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.          | Service.                                      | Amount. | Total.   |
|------------------------|---|---------|----------|
|                        |   | \$ cts. | \$ cts.  |
|                        | Brought forward.....                          | 715 00  | 2,879 18 |
|                        | NOVA SCOTIA—Continued.                        |         |          |
|                        | SALARIES, ETC.—Continued.                     |         |          |
|                        | <i>County of Guysborough—Continued.</i>       |         |          |
| Robert McKay .....     | For 12 months salary, to 30th June, 1884..... | 15 00   |          |
| James Nickerson.....   | do do .....                                   | 15 00   |          |
| Luke Harpell .....     | do do .....                                   | 15 00   |          |
| Fred. Mattie.....      | do do .....                                   | 15 00   |          |
| J. R. Bruce.....       | do do .....                                   | 10 00   |          |
|                        |   |         | 785 00   |
|                        | <i>County of Halifax.</i>                     |         |          |
| John Fitzgerald .....  | For 12 months salary, to 30th June, 1884..... | 150 00  |          |
| Isaac Gaetz .....      | do do .....                                   | 150 00  |          |
| Nathaniel Mason.....   | do do .....                                   | 75 00   |          |
| Archibald Kidston..... | do do .....                                   | 40 00   |          |
| F. G. Tolson .....     | do do .....                                   | 40 00   |          |
| H. A. Shatford.....    | do do .....                                   | 40 00   |          |
| James Blakely.....     | do do .....                                   | 30 00   |          |
| Donald McLean .....    | do do .....                                   | 30 00   |          |
| Geo Keizer .....       | do do .....                                   | 30 00   |          |
| John Fraser .....      | do do .....                                   | 30 00   |          |
| George McLeod.....     | do do .....                                   | 30 00   |          |
| James E. Whitman ..... | do do .....                                   | 30 00   |          |
| William Burris.....    | do do .....                                   | 30 00   |          |
| C. G. Henry.....       | do do .....                                   | 30 00   |          |
| James Crooks.....      | do do .....                                   | 25 00   |          |
| Patrick Hughes.....    | do do .....                                   | 25 00   |          |
| Daniel Mosher.....     | do do .....                                   | 20 00   |          |
| W. G. Walker .....     | do do .....                                   | 20 00   |          |
| James Gardner.....     | 6 do 31st December, 1883 .....                | 15 00   |          |
| Nathaniel McKiel.....  | 6 do 30th June, 1884 .....                    | 20 00   |          |
| Robt. Stevens .....    | 2 do do .....                                 | 5 00    |          |
| Mrs. Wm. Hall.....     | Balance of salary of late F. W. Hall.....     | 13 33   |          |
|                        |   |         | 878 33   |
|                        | <i>County of Hants.</i>                       |         |          |
| P. S. Burnham.....     | For 12 months salary, to 30th June, 1884..... | 160 00  |          |
| T. B. O'Brien.....     | do do .....                                   | 100 00  |          |
| Joas Mosher .....      | do do .....                                   | 50 00   |          |
| James Mosher .....     | do do .....                                   | 30 00   |          |
| J. M. O'Brien.....     | do do .....                                   | 30 00   |          |
| J. E. Colter .....     | do do .....                                   | 30 00   |          |
|                        |   |         | 340 00   |
|                        | <i>County of Inverness.</i>                   |         |          |
| D. F. McLean.....      | For 12 months salary, to 30th June, 1884..... | 150 00  |          |
| David Ross .....       | do do .....                                   | 100 00  |          |
| James Coady .....      | do do .....                                   | 100 00  |          |
| Peter McEachern .....  | do do .....                                   | 100 00  |          |
| Neil McKay .....       | do do .....                                   | 25 00   |          |
| Hugh Cameron .....     | do do .....                                   | 25 00   |          |
| Mark Crowdis .....     | do do .....                                   | 25 00   |          |
| Donald McDonald.....   | do do .....                                   | 25 00   |          |
|                        | Carried forward .....                         | 550 00  | 4,882 51 |



STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.            | Service.                                       | Amount. | Total.    |
|--------------------------|--|---------|-----------|
|                          |  | \$ cts  | \$ cts-   |
|                          | Brought forward .....                          | 550 00  | 4,882 51. |
|                          | NOVA SCOTIA—Continued.                         |         |           |
|                          | SALARIES, ETC.—Continued.                      |         |           |
|                          | County of Inverness—Concluded.                 |         |           |
| Miles McDaniel .....     | For 12 months salary, to 30th June, 1884 ..... | 25 00   |           |
| Peter Berire .....       | do do .....                                    | 25 00   |           |
| M. B. McDonald .....     | do do .....                                    | 25 00   |           |
| Moses Murphy .....       | do do .....                                    | 25 00   |           |
| Daniel McDermid .....    | do do .....                                    | 25 00   |           |
| WilliamsHart, jun. ....  | do do .....                                    | 25 00   |           |
| Allan McLellan .....     | do do .....                                    | 25 00   |           |
| Angus McFarlane .....    | do do .....                                    | 25 00   |           |
| J. P. McFarlane .....    | do do .....                                    | 25 00   |           |
| Stephen Graham .....     | do do .....                                    | 25 00   |           |
| John McLean .....        | do do .....                                    | 25 00   |           |
| Angus McKinnon .....     | do do .....                                    | 25 00   |           |
| Malcolm McKay .....      | do do .....                                    | 20 00   |           |
|                          |  |         | 870 00    |
|                          | County of Kings.                               |         |           |
| R. F. Reid .....         | For 12 months salary, to 30th June, 1884.....  | 125 00  |           |
| W. McIntyre .....        | do do .....                                    | 50 00   |           |
| C. E. Bishop .....       | do do .....                                    | 30 00   |           |
| Joseph Angus .....       | do do .....                                    | 30 00   |           |
| J. E. Starr .....        | 8 do 29th February, 1884 .....                 | 166 67  |           |
| Jas S. Miller .....      | 5 do 30th June, 1884 .....                     | 52 07   |           |
| Philip Brown .....       | 5 do do .....                                  | 12 50   |           |
| J. W. Thorp .....        | 5 do do .....                                  | 12 50   |           |
|                          |  |         | 478 74    |
|                          | County of Lunenburg.                           |         |           |
| George Redden .....      | For 12 months salary, to 30th June, 1884.....  | 100 00  |           |
| Henry S. Jost .....      | do do .....                                    | 100 00  |           |
| C. E. Goddard .....      | do do .....                                    | 50 00   |           |
| John Hutt .....          | do do .....                                    | 25 00   |           |
| James Langille .....     | do do .....                                    | 25 00   |           |
| Charles Pernette .....   | do do .....                                    | 25 00   |           |
| James Mossman .....      | do do .....                                    | 25 00   |           |
| John Andrews .....       | do do .....                                    | 25 00   |           |
| G. A. Nesbit .....       | do do .....                                    | 25 00   |           |
| Ed. Boylan .....         | do do .....                                    | 25 00   |           |
| William Croft .....      | do do .....                                    | 25 00   |           |
| David Demon .....        | do do .....                                    | 25 00   |           |
| Eli Hebb .....           | do do .....                                    | 25 00   |           |
| J. H. Keddy .....        | do do .....                                    | 25 00   |           |
| Isaiah Besancon .....    | do do .....                                    | 25 00   |           |
| Benj. Rothenheiser ..... | 6 months salary, to 31st December, 1883.....   | 12 00   |           |
| Edward Hayes .....       | do do .....                                    | 12 00   |           |
|                          |  |         | 575 00    |
|                          | County of Pictou.                              |         |           |
| D. G. McDonald .....     | For 12 months salary, to 30th June, 1884.....  | 170 00  |           |
| A. C. Pritchard .....    | do do .....                                    | 150 00  |           |
| Donald McLean .....      | do do .....                                    | 30 00   |           |
|                          |  |         |           |
|                          | Carried forward.....                           | 350 00  | 6,806 25  |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                      | Service.   | Amount.           | Total.              |
|------------------------------------|--|-------------------|---------------------|
|                                    | Brought forward.....   | \$ cts.<br>350 00 | \$ cts.<br>6,806 25 |
| <b>NOVA SCOTIA—Continued.</b>      |  |                   |                     |
| <b>SALARIES, ETC.—Continued.</b>   |  |                   |                     |
| <i>County of Pictou—Concluded.</i> |  |                   |                     |
| Geo. McKenzie.....                 | For 12 months salary, to 30th June, 1884.....  | 25 00             |                     |
| Donald Frazer.....                 | do do .....  | 25 00             |                     |
| Wm. Turner.....                    | do do .....  | 25 00             |                     |
| Geo. Foote.....                    | do do .....  | 25 00             |                     |
| Wm. McDonald.....                  | do do .....  | 25 00             |                     |
| Thos. Fraser.....                  | do do .....  | 25 00             |                     |
| Donald McDonald.....               | do do .....  | 25 00             |                     |
| John McKay.....                    | do do .....  | 25 00             |                     |
| Peter Campbell.....                | do do .....  | 25 00             |                     |
| Alex. Douglas.....                 | do do .....  | 25 00             |                     |
| Samuel Frazer.....                 | do do .....  | 25 00             |                     |
| D. A. Murray.....                  | do do .....  | 25 00             |                     |
| Thos. Cameron.....                 | do do .....  | 25 00             |                     |
| Allan Cameron.....                 | do do .....  | 25 00             |                     |
| Wm. McKenzie.....                  | do do .....  | 20 00             |                     |
| Mrs. R. Sutherland.....            | Salary of late R. Sutherland, to 31st Dec., 1884.....                                    | 70 00             |                     |
| James Hunter.....                  | Wages as special Fishery Guardian, employed<br>on River Philip during spawning season... | 61 50             |                     |
| Herbert Thompson.....              | do do .....  | 28 50             |                     |
| John Harrington.....               | do do .....  | 15 00             |                     |
| P. J. Dartney.....                 | do do .....  | 30 00             |                     |
| Jos. Lowther.....                  | do do .....  | 48 00             |                     |
| T. N. Smith.....                   | Wages as special Fishery Guardian, employed<br>on Middle River during spawning season... | 62 50             |                     |
| D. R. Cummings.....                | do do .....  | 66 25             |                     |
|                                    |  |                   | 1,101 75            |
| <i>County of Queen's.</i>          |  |                   |                     |
| S. T. N. Sellon.....               | For 12 months salary, to 30th June, 1884.....  | 225 00            |                     |
| John Fitzgerald.....               | do do .....  | 70 00             |                     |
| Theo. Ford.....                    | do do .....  | 60 00             |                     |
| Barnabas Miles.....                | do do .....  | 30 00             |                     |
|                                    |  |                   | 385 00              |
| <i>County of Richmond.</i>         |  |                   |                     |
| Duncan Cameron.....                | For 12 months salary, to 30th June, 1884.....  | 125 00            |                     |
| Francis Marneau.....               | do do .....  | 125 00            |                     |
| P. W. Grouchy.....                 | do do .....  | 30 00             |                     |
| Abraham Sampson.....               | do do .....  | 30 00             |                     |
| Justinien Sampson.....             | do do .....  | 30 00             |                     |
| John Murchison.....                | do do .....  | 30 00             |                     |
| Allan McRae.....                   | do do .....  | 30 00             |                     |
| Farquhar McPherson.....            | do do .....  | 30 00             |                     |
| Patrick Kyte.....                  | do do .....  | 25 00             |                     |
| Felix Gerroir.....                 | do do .....  | 25 00             |                     |
| Wm. Kehoe.....                     | do do .....  | 25 00             |                     |
| Charles Grant.....                 | do do .....  | 25 00             |                     |
| J. Proctor, sen.....               | do do .....  | 20 00             |                     |
|                                    |  |                   | 550 00              |
|                                    | Carried forward .....  |                   | 8,843 00            |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.            | Service.  | Amount. | Total.   |
|--------------------------|---|---------|----------|
|                          |   | \$ cts. | \$ cts.  |
| Brought forward.....     |   |         | 8,843 00 |
| NOVA SCOTIA—Continued.   |   |         |          |
| SALARIES, &c.—Continued. |   |         |          |
| County of Shelburne.     |   |         |          |
| W. J. McGill.....        | For 12 months salary, to 30th June, 1884.....             | 125 00  |          |
| C. A. Holden.....        | do do .....   | 50 00   |          |
| Geo. Ryer.....           | do do .....   | 50 00   |          |
| Timothy Acker.....       | do do .....   | 30 00   |          |
| M. Greenwood.....        | do do .....   | 20 00   |          |
| P. Crowell.....          | do do .....   | 20 00   |          |
| Henry Ackerman.....      | do do .....   | 20 00   |          |
| N. G. Nichol.....        | do do .....   | 20 00   |          |
| Edwin S. Goudy.....      | 5 do do .....   | 31 25   |          |
|                          |   |         | 366 25   |
| County of Victoria.      |   |         |          |
| Donald McRae, jun.....   | For 12 months salary, to 30th June, 1884.....             | 120 00  |          |
| Angus McDonald.....      | do do .....   | 30 00   |          |
| Roderick Beaton.....     | do do .....   | 30 00   |          |
| William Foyle.....       | do do .....   | 30 00   |          |
| Donald Bochaman.....     | do do .....   | 30 00   |          |
| Malcolm McIver.....      | do do .....   | 30 00   |          |
| Joseph Hellen.....       | do do .....   | 30 00   |          |
| Kenneth McRae.....       | do do .....   | 30 00   |          |
| John McLellan.....       | do do .....   | 25 00   |          |
| Donald McQuarrie.....    | do do .....   | 25 00   |          |
| Donald McMillan.....     | do do .....   | 25 00   |          |
| Donald McAuley.....      | do do .....   | 25 00   |          |
| Donald McRae.....        | do do .....   | 25 00   |          |
| Francis McGregor.....    | do do .....   | 25 00   |          |
| John McRae.....          | do do .....   | 25 00   |          |
| John McCharles.....      | 6 do to 31st Dec., 1883.....                              | 15 00   |          |
| Joseph Quinn.....        | 6 do do .....   | 15 00   |          |
| George Burton.....       | 6 do do .....   | 15 00   |          |
| John McDonald.....       | 6 do do .....   | 12 50   |          |
| Malcolm McIntosh.....    | 8 do to 30th June, 1884.....                              | 80 00   |          |
| Murdock McRae.....       | 8 do do .....   | 20 00   |          |
| Donald Finlayson.....    | 6 do do .....   | 6 25    |          |
| Chris. McKenzie.....     | 6 do do .....   | 6 25    |          |
| Archd. McDonald.....     | 6 do do .....   | 6 25    |          |
| Thos. Capstick.....      | 6 do do .....   | 6 25    |          |
| Thos. Donovan.....       | 6 do do .....   | 6 25    |          |
| Aud. Watson.....         | For 3 months salary, to 30th June, 1884.....              | 6 25    |          |
| Donald McRae.....        | do do .....   | 6 25    |          |
| John McPherson.....      | do do .....   | 6 25    |          |
| John McDonald.....       | Salary as Fishery Warden, 1st Jan. to 31st Mar., '84..... | 6 25    |          |
| J. McCharles.....        | do do .....   | 7 50    |          |
| Jos. Guinn.....          | do do .....   | 7 50    |          |
| Geo. Burton.....         | do do .....   | 7 50    |          |
|                          |   |         | 741 25   |
| County of Yarmouth.      |   |         |          |
| Enos Gardner.....        | For 12 months salary, to 30th June, 1884.....             | 150 00  |          |
| J. A. Hatfield.....      | do do .....   | 50 00   |          |
| Jerome Doucette.....     | do do .....   | 30 00   |          |
| Carried forward.....     |   | 230 00  | 9,950 50 |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                       | Service.  | Amount.           | Total.              |
|-------------------------------------|---|-------------------|---------------------|
| Brought forward. ....               |   | \$ cts.<br>230 00 | \$ cts.<br>9,950 50 |
| NOVA SCOTIA—Continued.              |   |                   |                     |
| SALARIES, &c.—Concluded.            |   |                   |                     |
| County of Yarmouth—Concluded.       |   |                   |                     |
| Wm. Kavanagh.....                   | For 12 months salary, to 30th June, 1884.....                       | 25 00             |                     |
| Rustace Nickerson.....              | do do .....   | 25 00             |                     |
| Edward Perry.....                   | do do .....   | 25 00             |                     |
| Vital Muise.....                    | do do .....   | 25 00             |                     |
| J. H. White.....                    | do do .....   | 25 00             |                     |
| Wm. Thurston, sen.....              | do do .....   | 25 00             |                     |
| J. I. Brand.....                    | do do .....   | 25 00             |                     |
| Geo. H. Robertson.....              | 5 do .....  | 41 67             |                     |
| James Jeffery.....                  | 3 do .....  | 6 25              |                     |
| J. E. Cann.....                     | 3 do .....  | 6 25              |                     |
|                                     |   |                   | 459 17              |
| DISBURSEMENTS OF FISHERY OVERSEERS. |   |                   |                     |
| Enos Gardner.....                   | For 12 months disbursements, to 31st Dec., 1883.....                | 231 50            |                     |
| Wm. Hanley.....                     | do do .....   | 185 65            |                     |
| Geo. Redden.....                    | do do .....   | 177 50            |                     |
| Isaac Gaetz.....                    | do do .....   | 136 50            |                     |
| A. C. Pritchard.....                | do do .....   | 128 99            |                     |
| S. T. N. Sellon.....                | do do .....   | 126 65            |                     |
| W. J. McGill.....                   | do do .....   | 110 28            |                     |
| W. T. Carty.....                    | do do .....   | 94 90             |                     |
| John McDonald.....                  | do do .....   | 94 50             |                     |
| J. Fitzgerald.....                  | do do .....   | 88 94             |                     |
| D. F. McLean.....                   | do do .....   | 83 72             |                     |
| James Tory.....                     | do do .....   | 81 34             |                     |
| John Fitzgerald.....                | do do .....   | 80 45             |                     |
| Allan McQuarrie.....                | do do .....   | 78 95             |                     |
| David Ross.....                     | do do .....   | 70 00             |                     |
| Francis Quinan.....                 | do do .....   | 67 75             |                     |
| James Ooady.....                    | do do .....   | 65 46             |                     |
| C. E. Godard.....                   | do do .....   | 63 89             |                     |
| A. McDonald.....                    | do do .....   | 56 50             |                     |
| D. McRae, jun.....                  | do do .....   | 50 65             |                     |
| J. G. McDonald.....                 | do do .....   | 50 50             |                     |
| J. E. Starr.....                    | do do .....   | 48 10             |                     |
| P. S. Burnham.....                  | do do .....   | 45 00             |                     |
| T. B. O'Brien.....                  | do do .....   | 41 75             |                     |
| R. F. Reid.....                     | do do .....   | 41 00             |                     |
| Y. A. Barrington.....               | do do .....   | 38 00             |                     |
| H. S. Jost.....                     | do do .....   | 38 00             |                     |
| F. Marmeau.....                     | do do .....   | 35 00             |                     |
| Henry S. Blair.....                 | do do .....   | 31 65             |                     |
| J. W. Davison.....                  | do do .....   | 29 50             |                     |
| D. Cameron.....                     | do do .....   | 25 00             |                     |
| G. W. Gilroy.....                   | do do .....   | 20 00             |                     |
| R. J. Pollock.....                  | do do .....   | 18 75             |                     |
| Elijah Fowler.....                  | do do .....   | 12 75             |                     |
| J. B. Colter.....                   | do do .....   | 6 46              |                     |
|                                     |   |                   | 2,555 58            |
| W. H. Rogers.....                   | 12 months salary as Inspector of Fisheries, to 30th June, 1884..... | 1,372 00          |                     |
| Receiver-General.....               | do superannuation tax.....  | 28 00             |                     |
|                                     |   |                   | 1,400 00            |
| Carried forward. ....               |   |                   | 14,365 25           |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                                     | Service.  | Amount. | Total.    |
|---|---|---------|-----------|
|   |   | \$ cts. | \$ cts.   |
|   | Brought forward .....   |         | 14,365 25 |
| <b>NOVA SCOTIA—Concluded.</b>                     |   |         |           |
| <i>DISBURSEMENTS, &amp;c.—Concluded.</i>          |   |         |           |
| W. H. Rogers.....                                 | For 12 months disbursement as Inspector of Fisheries, to 30th June, 1884..... |         | 1,220 26  |
| Jno. McGillivray.....                             | Legal expenses.....   |         | 20 00     |
| “Herald” Printing Co..                            | Printing.....   |         | 7 00      |
|   | Refund .....  |         | 15,612 51 |
|   |   |         | 13 50     |
|   | Total.....  |         | 15,600 01 |
| <b>NEW BRUNSWICK.</b>                             |   |         |           |
| <i>SALARIES OF FISHERY OVERSEERS AND WARDENS.</i> |   |         |           |
| <i>County of Albert.</i>                          |   |         |           |
| Sutherland Stewart.....                           | For 12 months salary, to 30th June, 1884.....                                 | 100 00  |           |
| Wallace Taylor.....                               | do do .....   | 40 00   |           |
| J. E. Kinne.....                                  | do do .....   | 40 00   |           |
| Bartlett Oliver.....                              | do do .....   | 40 00   |           |
| C. McLatchey.....                                 | do do .....   | 40 00   |           |
|   |   |         | 260 00    |
| <i>County of Carleton.</i>                        |   |         |           |
| Geo. R. Burt.....                                 | For 18 months salary, to 30th June, 1884.....                                 | 150 00  |           |
| J. W. Scott.....                                  | do do .....   | 45 00   |           |
| A. G. Lindsay.....                                | 12 do do .....  | 150 00  |           |
| W. B. Mills.....                                  | 6 do do 1883.....   | 75 00   |           |
|   |   |         | 420 00    |
| <i>County of Charlotte.</i>                       |   |         |           |
| W. B. McLaughlin.....                             | For 12 months salary, to 30th June, 1884.....                                 | 240 00  |           |
| Frank Todd.....                                   | do do .....   | 120 00  |           |
| Leonard Best.....                                 | do do .....   | 100 00  |           |
| B. L. Cunningham.....                             | do do .....   | 70 00   |           |
| J. M. Lord.....                                   | do do .....   | 70 00   |           |
| Samuel Dick.....                                  | do do .....   | 30 00   |           |
| Robt. Dixon.....                                  | do do .....   | 30 00   |           |
| Andrew Gilmour.....                               | do do .....   | 30 00   |           |
| Edward Carroll.....                               | do do .....   | 30 00   |           |
| Thos. Holmes.....                                 | do do .....   | 30 00   |           |
| Barth. Brown.....                                 | 10 do do .....  | 83 34   |           |
| James Brown.....                                  | 2 do 31st August, 1883.....   | 16 66   |           |
|   |   |         | 850 00    |
| <i>County of Gloucester.</i>                      |   |         |           |
| James Hickson.....                                | For 12 months salary, to 30th June, 1884.....                                 | 350 00  |           |
| Juste Haché.....                                  | do do .....   | 100 00  |           |
| Fred. Comeau.....                                 | do do .....   | 100 00  |           |
| Adolphe Haché.....                                | do do .....   | 100 00  |           |
| Joseph Poirier.....                               | do do .....   | 100 00  |           |
|   | Carried forward .....   | 750 00  | 1,530 00  |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                          | Service.                                      | Amount.  | Total.   |
|--|---|----------|----------|
|  | Brought forward.....                          | 750 00   | 1,530 00 |
| <b>NEW BRUNSWICK—Continued.</b>        |   |          |          |
| <b>SALARIES, ETC.—Continued.</b>       |   |          |          |
| <i>County of Gloucester—Concluded.</i> |   |          |          |
| Joseph Sewell.....                     | For 12 months salary, to 30th June, 1884..... | 50 00    |          |
| Miles Dempsey.....                     | do do .....                                   | 30 00    |          |
| Timothy Coughlan.....                  | do do .....                                   | 30 00    |          |
| Jeremiah Muzzeroll.....                | do do .....                                   | 30 00    |          |
| James Walsh.....                       | do do .....                                   | 30 00    |          |
| Alex. Boyd.....                        | do do .....                                   | 30 00    |          |
| Wm Rogers.....                         | do do .....                                   | 25 00    |          |
| John Calnan, jun.....                  | do do .....                                   | 25 00    |          |
| Augustin Cormier.....                  | 9 do to 31st March, 1884.....                 | 37 50    |          |
| Gustave Cormier.....                   | 3 do to 30th June, 1884.....                  | 12 50    |          |
|  |   |          | 1,050 00 |
| <i>County of Kent.</i>                 |   |          |          |
| Chas. Cormier.....                     | For 12 months salary, to 30th June, 1884..... | 100 00   |          |
| F. B. Légère.....                      | do do .....                                   | 80 00    |          |
| James Harnett.....                     | do do .....                                   | 80 00    |          |
| Lazare Guimon.....                     | do do .....                                   | 80 00    |          |
| A. L. Collet.....                      | do do .....                                   | 80 00    |          |
| M. A. Girouard.....                    | do do .....                                   | 75 00    |          |
| Wm F. Hannah.....                      | do do .....                                   | 75 00    |          |
| Nicholas Muzzeroll.....                | do do .....                                   | 50 00    |          |
|  |   |          | 620 00   |
| <i>County of Kings.</i>                |   |          |          |
| Samuel Gosline.....                    | For 12 months salary, to 30th June, 1884..... | 100 00   |          |
| James A. Belyea.....                   | do do .....                                   | 50 00    |          |
| S. F. Ryan.....                        | do do .....                                   | 30 00    |          |
| Sam. Gamblain.....                     | do do .....                                   | 30 00    |          |
| Jonah Keith.....                       | do do .....                                   | 30 00    |          |
| F. W. Hatfield.....                    | 4 do to 31st October, 1883.....               | 16 66    |          |
| Z. S. Spragg.....                      | 8 do to 30th June, 1884.....                  | 33 34    |          |
|  |   |          | 290 00   |
| <i>County of Northumberland.</i>       |   |          |          |
| John Hogan.....                        | For 12 months salary, to 30th June, 1884..... | 400 00   |          |
| Wm. Wyse.....                          | do do .....                                   | 200 00   |          |
| Samuel Holt.....                       | do do .....                                   | 160 00   |          |
| James Russell.....                     | do do .....                                   | 150 00   |          |
| Prudent Robichaux.....                 | do do .....                                   | 160 00   |          |
| Kenneth Cameron.....                   | do do .....                                   | 100 00   |          |
| John G. Williston.....                 | do do .....                                   | 100 00   |          |
| Samuel Freeze.....                     | do do .....                                   | 100 00   |          |
| John Blake.....                        | do do .....                                   | 70 00    |          |
| Enoch A. Bamford.....                  | do do .....                                   | 50 00    |          |
| Jared Blackmore.....                   | do do .....                                   | 50 00    |          |
| Samuel Kingston.....                   | do do .....                                   | 50 00    |          |
| Geo. Hubbard.....                      | do do .....                                   | 50 00    |          |
| John Shaddick, jun.....                | do do .....                                   | 50 00    |          |
| Aaron Hovey.....                       | do do .....                                   | 30 00    |          |
| Geo. Bryenton.....                     | do do .....                                   | 30 00    |          |
|  | Carried forward.....                          | 1,690 00 | 3,490 00 |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                              | Service.                                      | Amount.             | Total.              |
|--|---|---------------------|---------------------|
|  | Brought forward.....                          | \$ cts.<br>1,690 00 | \$ cts.<br>3,490 00 |
| <b>NEW BRUNSWICK—Continued.</b>            |   |                     |                     |
| <b>SALARIES, &amp;c.—Continued.</b>        |   |                     |                     |
| <i>County of Northumberland—Concluded.</i> |   |                     |                     |
| Patrick Bergin.....                        | For 12 months salary, to 30th June, 1884..... | 30 00               |                     |
| Thos. Smith.....                           | do do.....                                    | 30 00               |                     |
| Patrick Gillis.....                        | do do.....                                    | 30 00               |                     |
| Denis Hogan.....                           | do do.....                                    | 30 00               |                     |
| Michael Donovan.....                       | do do.....                                    | 30 00               |                     |
| Findlay McDairmaid.....                    | do do.....                                    | 30 00               |                     |
| Nathaniel Morehouse.....                   | do do.....                                    | 30 00               |                     |
| John Doyle.....                            | do do.....                                    | 30 00               |                     |
| Daniel Matthews.....                       | do do.....                                    | 30 00               |                     |
| Angus McIntosh.....                        | do do.....                                    | 30 00               |                     |
| Tubal Watling.....                         | do do.....                                    | 30 00               |                     |
| James Fitzpatrick.....                     | do do.....                                    | 30 00               |                     |
| Jas. W. Underhill.....                     | do do.....                                    | 30 00               |                     |
| Michael Ryan.....                          | do do.....                                    | 30 00               |                     |
| Maurice Hayes.....                         | do do.....                                    | 30 00               |                     |
| John Noble.....                            | 14 do do.....                                 | 141 65              |                     |
| John Stymast.....                          | 12 do and arrears of increase.....            | 112 50              |                     |
| Thos. Parker.....                          | 10 do to 30th June, 1884.....                 | 133 34              |                     |
| Christopher Parker.....                    | 2 do to 31st August, 1883.....                | 26 66               |                     |
| Wm. Dalton.....                            | 5 do as Special Warden.....                   | 150 00              |                     |
|  |   |                     | 2,704 15            |
| <i>County of Queens.</i>                   |   |                     |                     |
| I. T. Hetherington.....                    | For 12 months salary, to 30th June, 1884..... | 100 00              |                     |
| Isaiah Langan.....                         | do do.....                                    | 30 00               |                     |
| Robt. Phillips.....                        | do do.....                                    | 25 00               |                     |
| John Secord.....                           | 6 do to 31st December, 1883.....              | 15 00               |                     |
|  |   |                     | 170 00              |
| <i>County of Restigouche.</i>              |   |                     |                     |
| Alex. McPherson.....                       | For 12 months salary, to 30th June, 1884..... | 100 00              |                     |
|  |   |                     | 100 00              |
| <i>County of Sunbury.</i>                  |   |                     |                     |
| G. W. Hoben.....                           | For 12 months salary, to 30th June, 1884..... | 100 00              |                     |
| W. E. Taylor.....                          | do do.....                                    | 30 00               |                     |
|  |   |                     | 130 00              |
| <i>County of St. John.</i>                 |   |                     |                     |
| Joseph O'Brien.....                        | For 12 months salary, to 30th June, 1884..... | 150 00              |                     |
| Wm. E. Skillen.....                        | do do.....                                    | 100 00              |                     |
|  |   |                     | 250 00              |
| <i>County of Victoria.</i>                 |   |                     |                     |
| Thomas D. Ryan.....                        | For 12 months salary, to 30th June, 1884..... | 125 00              |                     |
| Chas. Roberts.....                         | do do.....                                    | 30 00               |                     |
| John McDougall.....                        | do do.....                                    | 30 00               |                     |
| J. C. McCluskey.....                       | do do.....                                    | 30 00               |                     |
|  | Carried forward.....                          | 215 00              | 6,814 15            |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                              | Service.  | Amount.  | Total.   |
|--|---|----------|----------|
|  |   | \$ cts.  | \$ cts.  |
|  | Brought forward.....                                | 215 00   | 6,814 15 |
| <b>NEW BRUNSWICK—Continued.</b>            |   |          |          |
| SALARIES, ETC.—Continued.                  |   |          |          |
| <i>County of Victoria—Concluded.</i>       |   |          |          |
| Donald Fraser.....                         | For 12 months salary to 30th June, 1884.....        | 30 00    |          |
| Thomas Edgar.....                          | do do.....  | 30 00    |          |
| J. McN. Cameron.....                       | do do.....  | 30 00    |          |
| Magloire Caron.....                        | do do.....  | 30 00    |          |
| Thomas D. Ryan.....                        | Salary to 30th June, 1883.....                      | 33 33    | 358 33   |
| <i>County of Westmoreland.</i>             |   |          |          |
| W. B. Deacon.....                          | For 12 months salary, to 30th June, 1884.....       | 100 00   |          |
| Robert Goodwin.....                        | do do.....  | 100 00   |          |
| D. T. Cormier.....                         | do do.....  | 60 00    | 260 00   |
| <i>County of York.</i>                     |   |          |          |
| Robert Orr.....                            | For 12 months salary, to 30th June, 1884.....       | 150 00   |          |
| J. Campbell.....                           | do do.....  | 60 00    |          |
| Wm. Brown.....                             | do do.....  | 60 00    |          |
| And. Cunningham.....                       | do do.....  | 50 00    |          |
| Alex. Noir.....                            | do do.....  | 30 00    | 350 00   |
| <b>DISBURSEMENTS OF FISHERY OVERSEERS.</b> |   |          |          |
| W. B. Deacon.....                          | For 12 months disbursements, to 31st Dec., '83..... | 208 00   |          |
| Frank Todd.....                            | do do.....  | 158 50   |          |
| James Hickson.....                         | do do.....  | 153 00   |          |
| J. G. Williston.....                       | do do.....  | 129 75   |          |
| John O'Brien.....                          | do do.....  | 149 50   |          |
| John Stymast.....                          | do do.....  | 126 00   |          |
| Wm. Wyse.....                              | do do.....  | 125 95   |          |
| Samuel Gosline.....                        | do do.....  | 124 96   |          |
| Adolphe Aché.....                          | do do.....  | 122 52   |          |
| Jeremie Mauzerolle.....                    | do do.....  | 119 75   |          |
| J. D. Ryan.....                            | do do.....  | 116 90   |          |
| Jas. A. Belyea.....                        | do do.....  | 106 50   |          |
| G. W. Hoben.....                           | do do.....  | 101 04   |          |
| W. B. McLaughlin.....                      | do do.....  | 100 00   |          |
| B. L. Cunningham.....                      | do do.....  | 97 50    |          |
| Chas. Cormier.....                         | do do.....  | 97 00    |          |
| Robert Orr.....                            | do do.....  | 92 25    |          |
| I. T. Hetherington.....                    | do do.....  | 90 32    |          |
| M. A. Girouard.....                        | do do.....  | 89 43    |          |
| Jas M. Lord.....                           | do do.....  | 84 25    |          |
| Samuel Holt.....                           | do do.....  | 82 50    |          |
| Alex. McPherson.....                       | do do.....  | 74 00    |          |
| Dennis T. Cormier.....                     | do do.....  | 73 50    |          |
| John Hogan.....                            | do do.....  | 71 65    |          |
| Prudent Robichaux.....                     | do do.....  | 70 75    |          |
| Robt. Goodwin.....                         | do do.....  | 64 06    |          |
| Robt. Phillips.....                        | do do.....  | 57 55    |          |
| James Harnett.....                         | do do.....  | 55 60    |          |
|  | Carried forward.....                                | 2,922 73 | 7,822 48 |



## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                        | Service.   | Amount.             | Total.              |
|--------------------------------------|--|---------------------|---------------------|
|                                      | Brought forward.....   | \$ cts.<br>2,922 72 | \$ cts.<br>7,822 48 |
|                                      | <b>NEW BRUNSWICK—Continued.</b>  |                     |                     |
|                                      | <b>DISBURSEMENTS, &amp;c.—Concluded.</b>   |                     |                     |
| Jas. Russell.....                    | For 12 months disbursements, to 31st Dec., '83.....  | 53 10               |                     |
| W. E. Skillen.....                   | do do.....   | 51 00               |                     |
| S. Stewart.....                      | do do.....   | 41 80               |                     |
| John Blake.....                      | do do.....   | 41 50               |                     |
| G. R. Burt.....                      | do do.....   | 37 00               |                     |
| Samuel Freeze.....                   | do do.....   | 32 34               |                     |
| W. F. Hannah.....                    | do do.....   | 32 30               |                     |
| Miles Dempsey.....                   | do do.....   | 29 00               |                     |
| Leonard Best.....                    | do do.....   | 28 50               |                     |
| Lazare Guimon.....                   | do do.....   | 25 80               |                     |
| Kenneth Cameron.....                 | do do.....   | 22 35               |                     |
| Joseph Sewell.....                   | do do.....   | 20 55               |                     |
| E. A. Bamford.....                   | do do.....   | 18 25               |                     |
| John Noble.....                      | do do.....   | 18 20               |                     |
| Findlay McDiarmid.....               | do do.....   | 17 50               |                     |
| B. Brown.....                        | do do.....   | 14 56               |                     |
| Alex G. Lindsay.....                 | do do.....   | 12 00               |                     |
| Juste Haché.....                     | do do.....   | 11 60               |                     |
| James Brown.....                     | do do.....   | 10 25               |                     |
| Joseph Poirier.....                  | do do.....   | 8 00                |                     |
| Jas. Fitzpatrick.....                | do do.....   | 7 50                |                     |
| Angus McIntosh.....                  | do do.....   | 5 50                |                     |
|                                      |  |                     | 3,461 32            |
| W. H. Venning.....                   | For 12 months salary as Inspector of Fisheries, to 30th June, 1884.....                              | 1,371 96            |                     |
| C. R. Venning.....                   | Salary as Clerk to 30th June, 1884.....  | 395 04              |                     |
| Receiver-General.....                | Superannuation tax on W. H. Venning's salary, \$28, and C. R. Venning's, \$5.....                    | 33 00               |                     |
| W. H. Venning.....                   | 12 months disbursement, travelling expenses, &c., as Inspector of Fisheries, to 30th June, 1884..... | 661 44              |                     |
| T. D. Ryan.....                      | To pay wages, special guardians, Tobique River.....  | 100 00              |                     |
| J. & R. Young.....                   | Damage to lobster traps.....   | 145 00              |                     |
| John Cameron.....                    | Balance wages as Special Guardian.....   | 75 00               |                     |
| "Sun" Publishing Co.....             | Advertising.....   | 51 50               |                     |
| John McColm.....                     | Compensation for loss of nets.....   | 50 00               |                     |
| James Barry.....                     | Wages as special guardian.....   | 43 00               |                     |
| "The Daily News".....                | Advertising.....   | 40 25               |                     |
| T. B. Hannington.....                | Postage stamps.....  | 34 00               |                     |
| L. R. Harrison.....                  | Legal expenses.....  | 29 50               |                     |
| Barnes & Co.....                     | Stationery.....  | 18 80               |                     |
| John Secord.....                     | Wages as fishery guardian.....   | 15 00               |                     |
| A. O. Smith.....                     | Water rates.....   | 9 93                |                     |
| A. Christie & Co.....                | Repairs to office.....   | 8 00                |                     |
| J. R. Stone.....                     | Express charges.....   | 5 30                |                     |
| Jane Millar.....                     | Washing.....   | 5 00                |                     |
| S. J. King.....                      | Rent of Post Office box.....   | 4 00                |                     |
| Ellen Hughes.....                    | Cleaning office.....   | 3 50                |                     |
| Manchester, Robertson & Allison..... | Towels.....  | 2 50                |                     |
| D. McAlpine.....                     | Directory.....   | 2 50                |                     |
|                                      |  |                     | 3,104 22            |
|                                      | <b>Total.....</b>  |                     | <b>14,388 02</b>    |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                       | Service.                                      | Amount. | Total.  |
|-------------------------------------|---|---------|---------|
|                                     |   | \$ cts. | \$ cts. |
| <b>PRINCE EDWARD ISLAND.</b>        |   |         |         |
| <b>SALARIES OF FISHERY WARDENS.</b> |   |         |         |
| <i>County of Queens.</i>            |   |         |         |
| Michael Ready.....                  | For 12 months salary, to 30th June, 1884..... | 30 00   |         |
| I. Ionel Garnum .....               | do do .....                                   | 30 00   |         |
| James Power .....                   | do do .....                                   | 30 00   |         |
| Jonathan Delaney .....              | do do .....                                   | 30 00   |         |
| J. Mathieson.....                   | do do .....                                   | 30 00   |         |
| F. McKenzie.....                    | do do .....                                   | 30 00   |         |
| Francis Stanley .....               | do do .....                                   | 30 00   |         |
| Wm. Whitehead.....                  | do do .....                                   | 30 00   |         |
| Thomas Murphy .....                 | do do .....                                   | 30 00   |         |
| P. Traynor .....                    | do do .....                                   | 30 00   |         |
| Geo. Stevenson .....                | do do .....                                   | 30 00   |         |
| S. Van Iderstine .....              | do do .....                                   | 30 00   |         |
| Geo. F. Beers.....                  | do do .....                                   | 30 00   |         |
| James Howatt.....                   | do do .....                                   | 30 00   |         |
| B. Loughrin .....                   | 6 do 31st December, 1883.....                 | 15 00   |         |
| Dominique Buotte.....               | 2 do 30th June, 1884 .....                    | 5 00    |         |
|                                     |   |         | 440 00  |
| <i>County of Prince.</i>            |   |         |         |
| James Ramsay.....                   | For 12 months salary, to 30th June, 1884..... | 30 00   |         |
| Patrick McBride .....               | do do .....                                   | 30 00   |         |
| William Burns.....                  | do do .....                                   | 30 00   |         |
| John Beaton.....                    | do do .....                                   | 30 00   |         |
| Thomas Drummond .....               | do do .....                                   | 30 00   |         |
| G. A. Sharpe.....                   | do do .....                                   | 30 00   |         |
| John Chais-on chapel..              | do do .....                                   | 30 00   |         |
| Peter Aylward .....                 | do do .....                                   | 30 00   |         |
| Alex. McDonald.....                 | do do .....                                   | 30 00   |         |
| D. L. Bryant .....                  | do do .....                                   | 30 00   |         |
| Calvin Howat.....                   | do do .....                                   | 30 00   |         |
| John Tucker.....                    | do do .....                                   | 30 00   |         |
| J. N. Nelligan.....                 | do do .....                                   | 30 00   |         |
| Y. S. Gillis.....                   | do do .....                                   | 30 00   |         |
| John Rix .....                      | do do .....                                   | 30 00   |         |
| John A. Sharpe.....                 | do do .....                                   | 30 00   |         |
| James. A. McDonald.....             | do do .....                                   | 30 00   |         |
| Lawrence Doyle .....                | 1 do .....                                    | 2 50    |         |
| J. Keer Ramsay.....                 | 1 do .....                                    | 2 50    |         |
| J. A. Arsenault.....                | 1 do .....                                    | 2 50    |         |
| J. F. B. Holland.....               | 1 do .....                                    | 2 50    |         |
|                                     |   |         | 520 00  |
| <i>County of Kings.</i>             |   |         |         |
| Allan McDonald.....                 | For 12 months salary, to 30th June, 1884..... | 30 00   |         |
| Malcolm Mathewson.....              | do do .....                                   | 30 00   |         |
| Daniel Reilly.....                  | do do .....                                   | 30 00   |         |
| John Lowe.....                      | do do .....                                   | 30 00   |         |
| Peter Duffy.....                    | do do .....                                   | 30 00   |         |
| John O'Brien.....                   | do do .....                                   | 30 00   |         |
| Patrick McCullough.....             | do do .....                                   | 30 00   |         |
| J. H. Dingwell.....                 | do do .....                                   | 30 00   |         |
| James Burke.....                    | do do .....                                   | 30 00   |         |
| James Mitchell.....                 | do do .....                                   | 30 00   |         |
|                                     | Carried forward .....                         | 300 00  | 960 00  |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                          | Service.   | Amount.           | Total.             |
|--|--|-------------------|--------------------|
|  | Brought forward.....   | \$ cts.<br>300 00 | \$ cts.<br>960 00. |
| <b>PRINCE EDWARD ISLAND—Concluded.</b> |  |                   |                    |
| <b>SALARIES ETC.—Concluded.</b>        |  |                   |                    |
| <b>County of Kings—Concluded.</b>      |  |                   |                    |
| Robt. Quinn.....                       | For 12 months salary, to 30th June, 1884.....                                | 30 00             |                    |
| John Conaghan.....                     | do do do .....   | 30 00             |                    |
| John McDonald.....                     | 6 do 31st Dec., 1883.....  | 15 00             |                    |
| Henry Morrow.....                      | 10 do 30th June, 1884.....   | 25 00             |                    |
| Ronald McDonald.....                   | 2 do do .....  | 5 00              |                    |
|  |  |                   | 405 00             |
| J. H. Duvar.....                       | For 12 months salary as Inspector of Fisheries.....                          | 783 96            |                    |
| Henry Clark.....                       | do do Fishery Overseer.....  | 197 50            |                    |
| Receiver General.....                  | Superannuation tax.....  | 18 50             |                    |
| J. H. Duvar.....                       | For 12 months disbursements.....   | 336 54            |                    |
| Allan McDonald.....                    | Extra services as Warden.....  | 44 00             |                    |
| M. Ready.....                          | do do .....  | 15 00             |                    |
| J. H. Dingwall.....                    | do do .....  | 5 00              |                    |
| John McMillan.....                     | Chart of oyster beds .....   | 15 00             |                    |
| W. Campbell.....                       | Special Guardian, Cousin's pond.....   | 15 00             |                    |
| F. Stanley.....                        | Horse hire.....  | 6 00              |                    |
| Telegraph Co.....                      | Telegrams.....   | 2 04              |                    |
| Queen's Printer.....                   |  |                   | 1,438 54<br>14 44  |
|  | Refund.....  |                   | 2,817 98<br>50 00  |
|  | <b>Total.....</b>  |                   | <b>\$2,767 98</b>  |
| <b>BRITISH COLUMBIA.</b>               |  |                   |                    |
| A. C. Anderson.....                    | For 12 months salary as Inspector of Fisheries, to<br>30th June, 1884 .....  | 649 00            |                    |
| Geo. Pittendreich.....                 | 12 mos. salary as Overseer, to 30th June, 1884 .....                         | 499 92            |                    |
| C. F. Green.....                       | Services as Fishery Guardian, Frazer River .....                             | 2 00              |                    |
| C. Murphy.....                         | do do do .....   | 210 00            |                    |
| C. W. D. Clifford.....                 | do do Naas & Skeena<br>Rivers .....  | 100 00            |                    |
| A. C. Anderson.....                    | Disbursements as Inspector .....   | 484 00            |                    |
| Geo. Pittendreich.....                 | do as Fishery Overseer .....   | 16 00             |                    |
| T. N. Hibben & Co.....                 | Stationery .....   | 25 75             |                    |
| J. Smith.....                          | Services as Messenger.....   | 15 00             |                    |
| Queen's Printer.....                   | Printing .....   | 22 30             |                    |
|  |  |                   | 2,231 97           |
| <b>MANITOBA.</b>                       |  |                   |                    |
| James Anderson.....                    | For Salary as Fishery Officer, from October, 1879<br>to February, 1882 ..... | 450 00            |                    |
| H. Martineau.....                      | Salary and disbursements as Fishery Officer....                              | 251 50            |                    |
| Chas. V. Alloway.....                  | do do do .....   | 170 90            |                    |
|  |  |                   | 872 40             |
| <b>LEGAL AND INCIDENTAL EXPENSES.</b>  |  |                   |                    |
| L. R. Harrison.....                    | Professional services in suit, Spurr vs. Venning .....                       | 105 00            |                    |
| do.....                                | do do Phair vs. Venning .....  | 112 90            |                    |
| do.....                                | do do Steadman & Hanson<br>vs. Venning .....                                 | 30 00             |                    |
|  | Carried forward.....   | 247 90            |                    |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                      | Service.  | Amount.  | Total.   |
|------------------------------------|---|----------|----------|
|                                    |   | \$ cts.  | \$ cts.  |
|                                    | Brought forward .....   | 247 90   |          |
|                                    | <b>LEGAL AND INCIDENTAL EXPENSES—Con.</b>   |          |          |
| E. J. Hodgson .....                | Professional services in suit, Assault on Warden<br>Garnum .....                        | 334 50   |          |
| Fred'k Peters .....                | do do Crossman vs. Ramsay .....   | 123 25   |          |
| J. C. Barbarie .....               | do do McPhee vs. Mowat .....  | 50 00    |          |
| M. A. Dixon .....                  | do do for violation of Fish-<br>eries Act at Belleville .....                           | 28 00    |          |
| J. A. Verge .....                  | To pay costs of proceedings against J. P. Mowat,<br>for violation of Fishery Laws ..... | 86 75    |          |
| Placide Latour .....               | Services as Constable .....   | 60 00    |          |
| J. E. Farewell .....               | Costs in appeal of Benson, Shell & Dillon .....   | 38 32    |          |
| S. H. McMillan .....               | Costs in suit, Delaney vs. McDonald .....   | 35 00    |          |
|                                    |   |          | 1,003 72 |
|                                    | <b>ADVERTISING.</b>   |          |          |
| Victoria "Standard" ..             | For Advertising British Columbia Fisheries .....  | 7 00     |          |
| "The Colonist" .....               | do do do .....  | 7 40     |          |
| "The Mainland Guar-<br>dian" ..... | do do do .....  | 7 40     |          |
| "Inland Sentinel" .....            | do do do .....  | 4 44     |          |
| D. Robson & Co. ....               | do do do .....  | 5 92     |          |
| Hale Bros. ....                    | do Setting apart Lake Simcoe in<br>"Orillia Packet" .....                               | 10 50    |          |
| R. Garrett .....                   | do Fisheries .....  | 10 50    |          |
| "Sun" Publishing Co. ..            | do Sturgeon Fishery .....   | 10 50    |          |
|                                    |   |          | 63 66    |
|                                    | <b>FISH HATCHERY, BRITISH COLUMBIA.</b>   |          |          |
| Thomas Mowat .....                 | Salary as officer in charge, from 26th Sept., 1883,<br>to 30th June, 1884 .....         | 999 00   |          |
| do .....                           | Disbursements in connection with hatchery, etc. ....                                    | 1,182 55 |          |
| Pay-list .....                     | Wages of men for labour .....   | 994 21   |          |
| A. C. Anderson .....               | Expenses selecting site for building .....  | 100 00   |          |
| English & Co. ....                 | Hire of steamer .....   | 30 00    |          |
| Trapp Bros. ....                   | Hardware .....  | 69 18    |          |
| Jas Cunningham .....               | do .....  | 43 88    |          |
| B. Haigh & Son .....               | Lumber, etc. ....   | 33 00    |          |
| do .....                           | House rent .....  | 20 00    |          |
| do .....                           | Fishing skiffs .....  | 60 00    |          |
| Dominion Sawmill Co. ....          | Lumber .....  | 60 00    |          |
| W. R. Lewis .....                  | Logging chains, etc. ....   | 9 62     |          |
| Drake, Jackson & Co. ....          | On account of contract .....  | 25 00    |          |
| T. R. Pearson & Co. ....           | Stationery .....  | 9 12     |          |
| "Mainland Guardian" ..             | Printing, etc. ....   | 8 50     |          |
| "The British Columbia" ..          | Advertising .....   | 3 75     |          |
| James Wise .....                   | Coal oil, etc. ....   | 4 50     |          |
| T. H. Pittendreigh .....           | Teaming .....   | 52 00    |          |
|                                    |   |          | 3,704 31 |
|                                    | <b>FISH-BREEDING.</b>   |          |          |
| Samuel Wilmot .....                | 12 months salary as Superintendent of Fish Cul-<br>ture, to 30th June, 1884 .....       | 1,959 96 |          |
| Receiver-General .....             | do superannuation tax .....   | 40 00    |          |
|                                    |   |          | 1,999 96 |
|                                    | Carried forward .....   |          | 1,999 96 |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                           | Service.   | Amount.  | Total.   |
|---|--|----------|----------|
|   |  | \$ cts.  | \$ cts.  |
|   | Brought forward.....   |          | 1,999 96 |
| <b>FISH BREEDING—Continued.</b>         |  |          |          |
| <b>NEWCASTLE ESTABLISHMENT, ONTARIO</b> |  |          |          |
| Charles Wilmot.....                     | Salary as officer in charge, to 30th June, 1884.....                                 | 750 00   |          |
| do .....                                | Allowance as clerk to Superintendent .....   | 249 96   |          |
| John Walker.....                        | Salary as caretaker, to 30th June, 1884.....   | 540 00   |          |
| John Kennefick.....                     | Labour.....  | 490 25   |          |
| Chas. Wilmot.....                       | Disbursements including travelling expenses collecting ova and distributing fry..... | 1,087 91 |          |
| J. Kennefick.....                       | do do do .....   | 147 65   |          |
| Alf. Kent.....                          | Collecting fish eggs.....  | 119 50   |          |
| D. Troy.....                            | do .....   | 7 75     |          |
| H. McGinnis.....                        | do .....   | 15 00    |          |
| Joe. Marks.....                         | do .....   | 18 75    |          |
| E. Wilson.....                          | do .....   | 12 50    |          |
| J. Meney.....                           | do .....   | 7 50     |          |
| L. Rumley.....                          | do .....   | 26 88    |          |
| S. Doran.....                           | Collecting fish eggs.....  | 10 00    |          |
| E. Symes.....                           | do .....   | 15 00    |          |
| A. Kennedy.....                         | Tug hire do .....  | 15 00    |          |
| A. W. Davis.....                        | Expenses do .....  | 9 50     |          |
| A. Gunn & Co.....                       | Storage of boxes fish eggs.....  | 0 25     |          |
| John Walker.....                        | Paid girls picking eggs.....   | 137 25   |          |
| William Kennefick.....                  | Labour.....  | 60 00    |          |
| P. Kennefick.....                       | do .....   | 29 75    |          |
| J. Kennefick.....                       | do .....   | 25 63    |          |
| John Hill, sen.....                     | do .....   | 24 00    |          |
| John Haycroft.....                      | do .....   | 23 00    |          |
| Pat. Garvin.....                        | do .....   | 21 00    |          |
| Neil Taylor.....                        | do .....   | 19 50    |          |
| James McDonogh.....                     | do .....   | 12 00    |          |
| B. Allen.....                           | do .....   | 5 62     |          |
| Ezra Rex.....                           | do .....   | 5 00     |          |
| Daniel Ogden.....                       | do .....   | 5 00     |          |
| George Rex.....                         | do .....   | 4 37     |          |
| John Hill.....                          | do .....   | 3 75     |          |
| P. Kennefick, jun.....                  | do .....   | 1 68     |          |
| C. Wilmot.....                          | Paid for repairing dam.....  | 73 51    |          |
| S. Wilmot.....                          | do teaming.....  | 44 50    |          |
| John Otten.....                         | Teaming.....   | 25 50    |          |
| D. Ogden.....                           | do .....   | 1 50     |          |
| J. Masson.....                          | do .....   | 1 25     |          |
| Simmons & Pool.....                     | Carpenter's work.....  | 234 85   |          |
| Lewis Quick.....                        | Fish cans .....  | 109 05   |          |
| Wm. Richard.....                        | Coal .....   | 93 86    |          |
| J. R. Barefeldt.....                    | Hardware .....   | 32 39    |          |
| R. Fothergill.....                      | do .....   | 23 53    |          |
| Thomas Douglas.....                     | Horse hire .....   | 15 00    |          |
| do .....                                | Express charges.....   | 20 80    |          |
| Trout & Jay.....                        | do .....   | 13 15    |          |
| R. Fothergill.....                      | Telegraph account.....   | 18 33    |          |
| F. Farncomb.....                        | Customs duties on varnish .....  | 10 55    |          |
| Gutta Percha Mfg Co.....                | Rubber hose .....  | 31 13    |          |
| F. Stillwell.....                       | Blacksmith's work.....   | 13 83    |          |
| J. Cleland.....                         | Tin pans .....   | 7 45     |          |
| James Wright.....                       | Tinware .....  | 5 46     |          |
| Thomas Miller.....                      | Cotton .....   | 5 41     |          |
| J. H. Rolfe.....                        | Painting and glazing.....  | 1 80     |          |
|   | Carried forward .....  | 4,684 05 | 1,999 96 |

## STATEMENT of Expenditure on Account of Fisheries, etc.—Continued.

| To whom Paid.         | Service.   | Amount.  | Total.    |
|-----------------------|--|----------|-----------|
|                       |  | \$ cts.  | \$ cts.   |
|                       | Brought forward.....   | 4,684 05 | 1,999 96  |
|                       | <b>FISH BREEDING—Continued.</b>                                |          |           |
|                       | <b>NEWCASTLE ESTABLISHMENT, ONTARIO—Concluded.</b>             |          |           |
| Postages.....         |  | 1 00     |           |
| Samuel Wilmot.....    | Rent of land.....  | 200 00   |           |
| G. M. Clarke.....     | do water privilege.....  | 100 00   | 4,985 05  |
|                       | <b>SANDWICH HATCHERY, ONTARIO.</b>                             |          |           |
| Wm. Parker.....       | 12 months salary as officer in charge to 30th June, 1884.....  | 750 00   |           |
| Wm. Hill.....         | Wages as assistant.....  | 346 25   |           |
| Alex. McComb.....     | do engineer.....   | 253 00   |           |
| C. Lemonde.....       | do do.....   | 59 00    |           |
| Wm. Parker.....       | Disbursements, collecting ova and distributing fry.....        | 257 35   |           |
| Jas. McKee.....       | Supplying whitefish ova, 1881, 1882 and 1883.....              | 350 00   |           |
| do.....               | Board of men, collecting ova.....                              | 16 00    |           |
| J. D. Meloche.....    | do do.....   | 6 00     |           |
| H. C. Bell.....       | Horse hire.....  | 18 00    |           |
| Jos. Paré.....        | Distributing fry.....  | 18 00    |           |
| Wm. Hill.....         | do.....  | 13 60    |           |
| And. Hackett.....     | do.....  | 12 00    |           |
| Jos. Lazarus.....     | do.....  | 7 50     |           |
| Odette & Wherry.....  | Use of tug distributing fry.....                               | 15 00    |           |
| Jos. Paré.....        | Cordwood.....  | 289 50   |           |
| M. Winterburn.....    | Sawing cordwood.....   | 17 50    |           |
| M. O'Brien.....       | do.....  | 16 27    |           |
| Odette & Wherry.....  | Coal.....  | 46 75    |           |
| Bell Ice Co.....      | do.....  | 19 60    |           |
| W. G. Nutson.....     | Lumber and repairs.....  | 151 40   |           |
| Pequenot & Co.....    | Paints, oils, &c.....  | 94 08    |           |
| R. Purser & Son.....  | Hardware.....  | 82 05    |           |
| C. Lemonde.....       | Carpenters' work.....  | 25 50    |           |
| C. Banetine.....      | Laying pipes.....  | 6 00     |           |
| Kerr Bros.....        | Repairing engine.....  | 3 50     |           |
| Jos. Hall.....        | do pump.....   | 6 40     |           |
| Wm. Adams.....        | Painting.....  | 14 00    |           |
| James McKee.....      | Rent of grounds.....   | 20 00    |           |
| J. W. Tringham.....   | Rent of telephone.....   | 67 87    |           |
| James Cowan.....      | Valuing land.....  | 22 00    |           |
| J. P. Clark.....      | Board of men.....  | 5 00     |           |
| Jas. McKee.....       | Horse hire.....  | 7 00     | 3,026 12  |
|                       | <b>TADOUSSAC ESTABLISHMENT, QUEBEC.</b>                        |          |           |
| Jos. Radford.....     | 12 months salary as officer in charge, to 30th June, 1884..... | 600 00   |           |
| Pierre Plourde.....   | 11 months wages as caretaker, to 30th June, 1884.....          | 308 00   |           |
| Jos. Radford.....     | Pay list, labor at hatchery.....                               | 325 29   |           |
| Wm. Manning.....      | Labor at hatchery.....   | 132 72   |           |
| Damase Simard.....    | do.....  | 27 48    |           |
| S. D. Pednault.....   | do.....  | 16 87    |           |
| J. Jourdain.....      | do.....  | 15 00    |           |
| D. McLaren.....       | do.....  | 13 50    |           |
| Isidore Tremblay..... | do.....  | 4 80     |           |
| O. Boulliane.....     | do.....  | 2 61     |           |
| J. Maher.....         | do.....  | 2 00     |           |
|                       | Carried forward.....   | 1,448 27 | 10,011 13 |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.  | Service.  | Amount.             | Total.               |
|--|---|---------------------|----------------------|
|  | Brought forward.....  | \$ cts.<br>1,448 27 | \$ cts.<br>10,011 13 |
| <b>FISH BREEDING—Continued.</b>                              |   |                     |                      |
| <b>TADOUSAC ESTABLISHMENT, QUEBEC—Concluded.</b>             |   |                     |                      |
| C Tremblay.....  | Labor at hatchery.....  | 1 40                |                      |
| X. Mallard.....  | do.....   | 1 20                |                      |
| M. Fortier.....  | do.....   | 1 00                |                      |
| F. Boulliane.....  | Night watchman.....   | 58 10               |                      |
| E. Potvin.....   | Wages as guardian.....  | 40 00               |                      |
| N. Simard.....   | do.....   | 22 00               |                      |
| A. Simard.....   | do.....   | 20 00               |                      |
| D. McLaren.....  | do.....   | 54 00               |                      |
| P. Pednault.....   | do.....   | 22 00               |                      |
| Wm. Manning.....   | Boat hire.....  | 29 53               |                      |
| A. Goudreau.....   | do.....   | 17 50               |                      |
| Geo. Manning.....  | do.....   | 8 40                |                      |
| A. Moreau.....   | Distributing fry.....   | 8 00                |                      |
| J. Caron.....  | do.....   | 4 00                |                      |
| H. Tremblay.....   | do.....   | 4 00                |                      |
| D. Simard.....   | do.....   | 2 40                |                      |
| M. Boivin.....   | do.....   | 2 00                |                      |
| Joseph Boily.....  | do.....   | 2 00                |                      |
| W. Dufour.....   | do.....   | 1 00                |                      |
| P. Harveux.....  | do.....   | 0 60                |                      |
| Jos. Radford.....  | To pay board of men.....                                      | 12 15               |                      |
| Roger Terrien.....   | Repairing dam.....  | 16 70               |                      |
| Walter Rae.....  | Lumber.....   | 96 28               |                      |
| do.....  | Hardware.....   | 36 92               |                      |
| H. S. Scott.....   | do.....   | 12 85               |                      |
| Frs. Bourgoing.....  | do.....   | 4 40                |                      |
| H. S. Scott.....   | do.....   | 14 17               |                      |
| N. Rouleau.....  | Blacksmiths' work.....  | 11 10               |                      |
| O. Boulliane.....  | Pails, cotton, &c.....  | 2 60                |                      |
| Postages.....  | .....   | 2 00                |                      |
| A. Moreau.....   | Repairing nets.....   | 0 40                |                      |
| Jules Tremblay.....  | do.....   | 0 50                |                      |
| Telegrams.....   | .....   | 1 84                |                      |
| F. T. Thomas.....  | Lamp chimneys.....  | 4 20                |                      |
| P. Plourde.....  | Account for board.....  | 5 60                |                      |
| do.....  | Disbursements with fry.....                                   | 68 19               |                      |
| W. J. Ray.....   | Towing fry.....   | 38 00               |                      |
| Jos. Boily.....  | Disbursements.....  | 30 90               |                      |
| L. Plourde.....  | Repairing tent.....   | 0 50                |                      |
| W. Hovington.....  | Tending Point Rouge fishery.....                              | 117 70              |                      |
| Steamer "Saguenay".....                                      | Freight.....  | 7 85                |                      |
|  |   |                     | 2,232 25             |
| <b>RISTIGOUCHE ESTABLISHMENT, QUEBEC, AND NEW BRUNSWICK.</b> |   |                     |                      |
| Alex. Mowat.....   | 12 months salary as officer in charge to 30th June, 1884..... | 600 00              |                      |
| Wm. Robertson.....   | do as assistant do.....                                       | 360 00              |                      |
| Alex. Mowat.....   | Disbursements, collecting ova and distributing fry.....       | 196 11              |                      |
| Ed. Bolton.....  | Catching and guarding fish.....                               | 120 00              |                      |
| W. Mowat.....  | Catching parent salmon.....                                   | 30 00               |                      |
| Ed. Mann.....  | do.....   | 25 0                |                      |
| H. Bell.....   | do.....   | 24 00               |                      |
| H. Miles.....  | do.....   | 20 00               |                      |
|  | Carried forward.....  | 1,375 11            | 12,243 38            |

## STATEMENT of Expenditure on Account of Fisheries, etc.—Continued.

| To whom Paid.          | Service.   | Amount.  | Total.    |
|------------------------|--|----------|-----------|
|                        | Brought forward.....   | 1,375 11 | 12,243 38 |
|                        | <b>FISH BREEDING.—Continued.</b>   |          |           |
|                        | <b>RISTIGOUCHE ESTABLISHMENT, QUEBEC AND<br/>NEW BRUNSWICK.—Continued.</b> |          |           |
| James Parker.....      | Catching parent salmon .....   | 21 00    |           |
| R. Mann.....           | do .....   | 7 50     |           |
| W. Horan.....          | do .....   | 7 50     |           |
| D. Parker.....         | do .....   | 3 00     |           |
| Robt. Duff.....        | do .....   | 2 00     |           |
| Max. Mowatt.....       | Labor removing hatchery.....   | 105 00   |           |
| Jas. Parker.....       | do .....   | 24 00    |           |
| H. Bell.....           | do .....   | 18 00    |           |
| J. W. Moores.....      | do .....   | 18 00    |           |
| W. Moores.....         | do .....   | 17 50    |           |
| A. Murray.....         | do .....   | 13 00    |           |
| D. Harris.....         | do .....   | 11 00    |           |
| W. Pratt.....          | do .....   | 11 00    |           |
| A. Harris.....         | do .....   | 7 50     |           |
| F. Arseneault.....     | do .....   | 6 25     |           |
| D. Frazer.....         | do .....   | 1 00     |           |
| R. Nelson.....         | Labor, horse hire and canoe hire.....                                      | 60 00    |           |
| James Mills.....       | do do .....  | 55 00    |           |
| W. Robertson.....      | Horse hire.....  | 4 00     |           |
| Alex. McDonald.....    | Canoe hire.....  | 6 00     |           |
| J. P. Mowat.....       | Hire of scow....   | 54 50    |           |
| do .....               | Hardware .....   | 111 87   |           |
| Thos. Mowat.....       | Labor.....   | 28 00    |           |
| G. E. Asker.....       | do .....   | 9 00     |           |
| Parker & Anderson..... | do .....   | 2 00     |           |
| James Gillis.....      | do .....   | 1 45     |           |
| Mrs. J. Mowat.....     | Board of men.....  | 228 93   |           |
| Jas. McMillan.....     | Making gates for reservoir.....  | 9 00     |           |
| Nat. Moores.....       | Rafting timber.....  | 55 00    |           |
| R. Girard.....         | Repairing salmon nets.....   | 14 00    |           |
| F. Weirs.....          | Rafting.....   | 2 00     |           |
| A. Ferguson.....       | Packing cotton, for eggs.....  | 2 00     |           |
| Wm. Mowat.....         | Hauling wood.....  | 22 00    |           |
| Ed. Mann.....          | Sawing wood.....   | 10 00    |           |
| Wm. Robertson.....     | Repairing nets.....  | 15 00    |           |
|                        | <b>GASPÉ ESTABLISHMENT—QUEBEC.</b>   |          | 2,338 11  |
| Philip Vibert.....     | 12 months salary as officer in charge, to 30th June,<br>1884.....          | 300 00   |           |
| Henry Davis.....       | do assistant officer in charge, to<br>30th June, 1884.....                 | 300 00   |           |
| Philip Vibert.....     | Disbursements, to 30th June, 1884.....                                     | 67 40    |           |
| J. S. Davis.....       | Catching and watching parent salmon.....                                   | 186 50   |           |
| Henry Olsen.....       | do do .....  | 33 75    |           |
| Jos. Cass.....         | do do .....  | 19 50    |           |
| W. C. Davis.....       | Spawning fish.....   | 20 25    |           |
| R. E. Coffin.....      | do .....   | 17 25    |           |
| E. A. Davis.....       | do .....   | 2 00     |           |
| Alf. Davis.....        | Distributing fry.....  | 63 00    |           |
| Peter Miller.....      | do .....   | 31 50    |           |
| James B. Coffin.....   | do .....   | 40 50    |           |
| Bte. Sanson.....       | do .....   | 29 00    |           |
| R. B. Coffin.....      | do .....   | 28 60    |           |
| Laughlin Miller.....   | do .....   | 28 60    |           |
|                        | Carried forward .....  | 1,167 85 | 14,581 49 |



STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                                    | Service.  | Amount.             | Total.               |
|--|---|---------------------|----------------------|
|  | Brought forward.....  | \$ cts.<br>1,167 85 | \$ cts.<br>14,581 49 |
| <b>FISH-BREEDING—Continued.</b>                  |   |                     |                      |
| <b>GASPÉ ESTABLISHMENT, QUEBEC—Concluded.</b>    |   |                     |                      |
| Alf. Stanley .....                               | Distributing fry .....  | 28 60               |                      |
| Jos. Cass .....                                  | do .....  | 27 70               |                      |
| Adolphus Touzel.....                             | do .....  | 27 30               |                      |
| John Vezina.....                                 | do .....  | 27 30               |                      |
| John Johnston.....                               | do .....  | 26 00               |                      |
| F. J. Annett .....                               | do .....  | 25 85               |                      |
| John McCallum.....                               | do .....  | 7 50                |                      |
| J. S. Davis.....                                 | Labour.....   | 65 00               |                      |
| W. C. Davis.....                                 | do .....  | 9 75                |                      |
| Hugh Leslie.....                                 | Ferriage.....   | 10 50               |                      |
| Henry Olsen.....                                 | Clearing pond.....  | 10 50               |                      |
| Alf. Stanley.....                                | do .....  | 7 50                |                      |
| Richard Miller.....                              | Canoeman.....   | 10 40               |                      |
| Thos. Cabot .....                                | Wading boots.....   | 6 00                |                      |
| Henry Davis.....                                 | Board.....  | 3 50                |                      |
| do .....   | Cordwood.....   | 11 50               |                      |
| F. J. Annett .....                               | Hauling coal.....   | 12 00               |                      |
| S. Veit .....                                    | Coal.....   | 30 00               |                      |
| J. & E. Collas.....                              | Hardware, etc .....   | 17 56               |                      |
| J. Leboutillier & Co.....                        | do .....  | 4 12                |                      |
| Margaret Bain.....                               | Repairing nets .....  | 5 50                |                      |
| Ab. Coffin .....                                 | do .....  | 4 50                |                      |
| J. Lavois.....                                   | Drawing decd.....   | 6 00                |                      |
| Henry Davis.....                                 | 9 years' rent of land, from 1875 to 1884 .....                  | 180 00              |                      |
| do .....   | Purchase of land.....   | 200 00              |                      |
|  |   |                     | 1,932 43             |
| <b>MAGOG ESTABLISHMENT, QUEBEC.</b>              |   |                     |                      |
| A. H. Moore.....                                 | 12 months salary as officer in charge to 30th June, 1884.....   | 600 00              |                      |
| do .....   | Disbursements connected with collecting ova.....                | 145 41              |                      |
| C. Wilmot.....                                   | Disbursements collecting and conveying ova to Magog .....       | 150 00              |                      |
| A. H. Moore.....                                 | Paid for picking ova.....                                       | 38 45               |                      |
| W. F. Whitcher.....                              | Expenses inspecting hatchery.....                               | 52 46               |                      |
| S. P. Bauset.....                                | do .....  | 23 00               |                      |
| Textile and Print Co.....                        | Transfer of land .....  | 1,000 00            |                      |
|  |   |                     | 2,009 32             |
| <b>BEDFORD BASIN ESTABLISHMENT, NOVA SCOTIA.</b> |   |                     |                      |
| A. B. Wilmot.....                                | 12 months salary as officer in charge to 30th June, 1884.....   | 800 00              |                      |
| F. G. Tolson .....                               | do assistant do .....   | 252 00              |                      |
| John Tolson .....                                | Assistance .....  | 17 50               |                      |
| A. B. Wilmot.....                                | Disbursements collecting eggs, distributing fry, etc., etc..... | 393 98              |                      |
| F. G. Tolson .....                               | do do do .....  | 36 35               |                      |
| Albert Tolson .....                              | Conveyance of fry.....  | 79 75               |                      |
| O. K. Fillmore.....                              | Catching salmon.....  | 149 75              |                      |
| Wm. Beck.....                                    | do .....  | 93 00               |                      |
| And. Muirhead .....                              | Labour.....   | 66 25               |                      |
| H. Allen .....                                   | do .....  | 63 75               |                      |
| J. D. Eamos.....                                 | do .....  | 40 00               |                      |
|  | Carried forward.....  | 1,992 33            | 18,523 24            |

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                                 | Service.  | Amount.  | Total.    |
|---|---|----------|-----------|
|   |   | \$ cts.  | \$ cts.   |
|   | Brought forward.....  | 1,992 33 | 18,523 24 |
| <b>FISH BREEDING—Continued.</b>               |   |          |           |
| BEDFORD BASIN ESTABLISHMENT, NOVA SCOTIA—Con. |   |          |           |
| D. D. Fillmore.....                           | Labor .....   | 21 75    |           |
| Robt. Reynard.....                            | do .....  | 7 25     |           |
| Moir, Son & Co.....                           | Hardware, oil, etc.....   | 51 65    |           |
| Theakston & Angevin ..                        | do .....  | 31 00    |           |
| G. J. Harris .....                            | Tinware .....   | 25 77    |           |
| G. W. Gilroy .....                            | Hardware .....  | 4 24     |           |
| Lyons Hatfield.....                           | do .....  | 7 46     |           |
| Lincoln Williams.....                         | Zinc tubes .....  | 4 45     |           |
| S. Cunard & Co.....                           | Coal .....  | 72 00    |           |
| Robert Anderson .....                         | Freight on coal.....  | 12 00    |           |
| A. B. Wilmot.....                             | Paid for carting coal .....   | 6 00     |           |
| Thos. Rodley.....                             | Lumber.....   | 41 90    |           |
| J. A. Hatfield.....                           | do .....  | 19 96    |           |
| R. A. Wood & Co.....                          | do .....  | 4 90     |           |
| Oxford Furniture Co.....                      | do .....  | 4 00     |           |
| A. Tolson.....                                | Teaming .....   | 57 00    |           |
| R. McGillivray.....                           | do .....  | 8 00     |           |
| J. B. Worthylake.....                         | Chain pump.....   | 12 50    |           |
| J. E. Wilson.....                             | Pump .....  | 7 00     |           |
| D. M. Geldert.....                            | Horse hire.....   | 30 00    |           |
| Jas. Ward.....                                | do .....  | 18 50    |           |
| W. P. Mott.....                               | Lime.....   | 4 00     |           |
| W. Stairs & Son.....                          | Twine.....  | 6 47     |           |
| Creighton & Marshall.....                     | Stationery.....   | 6 75     |           |
| E. Boutillier.....                            | Knitting nets.....  | 9 00     |           |
| Wm. Gaul.....                                 | Oil clothes.....  | 15 00    |           |
| Wm. Dinsmore.....                             | Repairing canoes.....   | 2 25     |           |
| I. J. Hingley.....                            | Telegrams.....  | 2 06     |           |
| Western Union Tel. Co.....                    | do .....  | 3 16     |           |
| Mrs. W. Moore.....                            | Board of men.....   | 19 00    |           |
| C. L. Rood.....                               | do .....  | 18 00    |           |
| R. A. Wood.....                               | Rent of water privilege.....  | 8 00     |           |
| J. W. Wood.....                               | Rent of land .....  | 24 50    |           |
| N. Thompson.....                              | Trucking boxes .....  | 12 00    |           |
| Creighton & Marshall.....                     | Stationery .....  | 3 25     |           |
| Albt. Tolson.....                             | Cutting and hauling ice .....   | 25 00    |           |
| A. B. Wilmot.....                             | Shingles for ice house.....   | 13 00    |           |
| H. Allan.....                                 | Cleaning house .....  | 5 00     |           |
| H. Haverstock.....                            | Barrels .....   | 24 75    |           |
|   |   |          | 2,639 85  |
| <b>SYDNEY ESTABLISHMENT, NOVA SCOTIA.</b>     |   |          |           |
| C. A. Farquharson.....                        | 12 months salary as officer in charge, to 30th June, 1884 .....           | 500 00   |           |
| W. J. Dunlop.....                             | 12 months salary as assistant officer in charge, to 30th June, 1884 ..... | 310 00   |           |
| C. A. Farquharson.....                        | Disbursements collecting eggs and distributing fry.....                   | 161 17   |           |
| D. Ross.....                                  | Catching salmon .....   | 314 65   |           |
| Morrison & McIntyre.....                      | do .....  | 145 00   |           |
| A. McRae.....                                 | do .....  | 103 45   |           |
| Thos. Roach .....                             | do .....  | 18 50    |           |
| Lochlin Gillis.....                           | do .....  | 16 00    |           |
| Kenneth McKenzie.....                         | Distributing fry.....   | 85 50    |           |
| Wm. Clements.....                             | do .....  | 18 75    |           |
|   | Carried onward .....  | 1,673 02 | 21,163 09 |

## STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

| To whom Paid.                                       | Service.   | Amount.             | Total.               |
|---|--|---------------------|----------------------|
|   | Brought forward.....   | \$ cts.<br>1,673 02 | \$ cts.<br>21,163 09 |
| <b>FISH BREEDING—Continued.</b>                     |  |                     |                      |
| <b>SYDNEY ESTABLISHMENT, NOVA SCOTIA—Con.</b>       |  |                     |                      |
| Sydney Coal Co.....                                 | Coal.....  | 44 00               |                      |
| A. C. Campbell.....                                 | Hauling coal.....  | 13 20               |                      |
| R. McKenzie.....                                    | Horse hire.....  | 31 00               |                      |
| J. G. Dunlop.....                                   | do.....  | 18 00               |                      |
| W. J. Dunlop.....                                   | do.....  | 10 50               |                      |
| C. H. Harrington.....                               | Lumber.....  | 18 73               |                      |
| W. J. McLellan.....                                 | Tinsmith's work.....   | 17 47               |                      |
| H. McDonald.....                                    | Balance of extras on building.....                             | 94 20               |                      |
| J. Dobson.....                                      | Ice.....   | 6 00                |                      |
| N. & J. McLellan.....                               | Stove pipes.....   | 10 90               |                      |
| E. Watson.....                                      | Fish tanks.....  | 9 00                |                      |
| J. A. Ross.....                                     | Hardware.....  | 18 79               |                      |
| Burchill, Matheson & Co.                            | Hardware.....  | 72 20               |                      |
| John Morrison.....                                  | Making and repairing nets.....                                 | 25 00               |                      |
| J. A. McKenzie.....                                 | Stationery.....  | 11 46               |                      |
| Angus McLeod.....                                   | Paint.....   | 14 79               |                      |
|   |  |                     | \$2,088 26           |
| <b>MIRAMICHI ESTABLISHMENT, NEW BRUNSWICK.</b>      |  |                     |                      |
| Isaac Sheagreen.....                                | 12 months salary as Officer in Charge, to 30th June, 1884..... | 499 92              |                      |
| Pat. Hogan.....                                     | Catching salmon.....   | 108 40              |                      |
| Pat. Gillis.....                                    | do.....  | 71 20               |                      |
| Michael Ryan.....                                   | do.....  | 66 40               |                      |
| W. T. Sheasgreen.....                               | do.....  | 66 50               |                      |
| Richard Murphy.....                                 | do.....  | 65 00               |                      |
| J. Sheasgreen.....                                  | do.....  | 16 00               |                      |
| John Sheasgreen.....                                | Horse hire, &c.....  | 52 00               |                      |
| W. F. Sheasgreen.....                               | do.....  | 34 30               |                      |
| R. R. Call.....                                     | Coal.....  | 80 00               |                      |
| W. F. Sheasgreen.....                               | Carting coal.....  | 32 00               |                      |
| John Ferguson.....                                  | Hardware.....  | 56 39               |                      |
| Elsen Tozer.....                                    | Building scow.....   | 50 00               |                      |
| J. H. Phinney.....                                  | Lantern and cans.....  | 10 25               |                      |
| James Fish.....                                     | Lumber.....  | 6 78                |                      |
| W. F. Sheasgreen.....                               | Cutting ice.....   | 11 00               |                      |
|   |  |                     | 1,226 14             |
| <b>ST. JOHN RIVER ESTABLISHMENT, NEW BRUNSWICK.</b> |  |                     |                      |
| Chas. McCluskey.....                                | 12 months salary as Officer in Charge, to 30th June, 1884..... | 499 92              |                      |
| do.....   | Disbursements procuring ova, &c., &c.....                      | 308 36              |                      |
| F. C. Mills.....                                    | Supplying salmon eggs.....                                     | 42 45               |                      |
| Alex. Mowat.....                                    | Disbursements with eggs.....                                   | 69 25               |                      |
| R. A. McCluskey.....                                | Labour.....  | 3 75                |                      |
| Robt. McCluskey.....                                | do.....  | 3 25                |                      |
| James Shehan.....                                   | do.....  | 2 50                |                      |
| D. Frazer.....                                      | Board.....   | 1 50                |                      |
| Frank Craig.....                                    | Trucking.....  | 3 00                |                      |
| N. B. Railway.....                                  | Freight.....   | 0 44                |                      |
| Chas. McCluskey.....                                | Coal.....  | 116 50              |                      |
| Margaret Picket.....                                | Rent of land.....  | 50 00               |                      |
|   |  |                     | 1,100 92             |
|   | Carried forward.....   |                     | 25,578 41            |

## STATEMENT of Expenditure on account of Fisheries, &amp;c.—Continued.

| To whom Paid.           | Service.   | Amount. | Total.               |
|-------------------------|--|---------|----------------------|
|                         | Brought forward.....   | \$ cts. | \$ cts.<br>25,578 41 |
|                         | <b>FISH BREEDING—Concluded.</b>                                |         |                      |
|                         | <b>DUNK RIVER ESTABLISHMENT, P. E. ISLAND.</b>                 |         |                      |
| Henry Clark.....        | 12 months salary as Officer in Charge, to 30th June, 1884..... | 395 00  |                      |
| Receiver-General .....  | Superannuation tax .....                                       | 5 00    |                      |
| Henry Clark.....        | Disbursements distributing fry, etc. ....                      | 127 27  |                      |
| Bertram Clark .....     | Labour.....  | 93 00   |                      |
| D. Rogers .....         | Coal .....   | 123 13  |                      |
| Henry Clark.....        | Hauling coal.....  | 28 00   |                      |
|                         |  |         | <b>771 40</b>        |
|                         | <b>GENERAL DISBURSEMENTS.</b>                                  |         |                      |
| W. H. Rogers.....       | Compensation for use of Roger's patent fish way...             | 400 00  |                      |
| N. L. Todd & Co.....    | Building fishway, Indian River, N.S.....                       | 195 87  |                      |
| G. Kerr & Sons.....     | do Middle do .....   | 130 85  |                      |
| J. B. Kinney.....       | do Carleton do .....   | 120 87  |                      |
| Stewart, Freeman & Co.  | do Jordan do .....   | 55 69   |                      |
| R. Pevoril.....         | do Tangier do .....  | 47 45   |                      |
| B. Haley .....          | do Annapolis do .....  | 34 06   |                      |
| J. P. Kinney .....      | Superintending building fishways.....                          | 108 00  |                      |
| Lewis Quick .....       | Boxes for ova for Marquis of Lorne.....                        | 29 70   |                      |
| J. A. Hatfield .....    | Removing obstruction in Tusket River, N.S. ....                | 44 97   |                      |
| N. Y. Coal Tar Co.....  | Paraffine varnish .....  | 21 00   |                      |
| T. Douglas .....        | Express charges on varnish.....                                | 10 00   |                      |
| Canadian Express Co.... | Charges on salmon from British Columbia.....                   | 26 80   |                      |
| S. McLaughlin.....      | Photographs lobster specimens.....                             | 5 00    |                      |
| P. Valiquet.....        | Plans of fishways.....   | 5 00    |                      |
|                         |  |         | <b>1,235 26</b>      |
|                         | Total.....   |         | <b>27,585 07</b>     |

STATEMENT of Expenditure on account of Fisheries, etc.—*Concluded.*

RECAPITULATION.

|                                      | \$     | cts. |           |
|--------------------------------------|--------|------|-----------|
| Ontario.....                         | 15,192 | 73   |           |
| Quebec.....                          | 13,186 | 26   |           |
| Nova Scotia.....                     | 15,600 | 01   |           |
| New Brunswick.....                   | 14,358 | 02   |           |
| Prince Edward Island.....            | 2,767  | 98   |           |
| British Columbia.....                | 2,231  | 97   |           |
| Manitoba.....                        | 872    | 40   |           |
| Legal and incidental expenses.....   | 1,003  | 72   |           |
| Advertising.....                     | 63     | 66   |           |
| Fish Hatchery, British Columbia..... | 3,704  | 31   | 69,011 06 |
| <i>Fish Breeding.</i>                |        |      |           |
| Superintendent's Salary.....         | 1,999  | 96   |           |
| Newcastle Establishment.....         | 4,985  | 05   |           |
| Sandwich do.....                     | 3,026  | 12   |           |
| Tadoussac do.....                    | 2,232  | 25   |           |
| Ristigouche do.....                  | 2,338  | 11   |           |
| Gaspé do.....                        | 1,932  | 43   |           |
| Magog do.....                        | 2,009  | 32   |           |
| Bedford Basin do.....                | 2,639  | 85   |           |
| Sydney do.....                       | 2,088  | 26   |           |
| Miramichi do.....                    | 1,226  | 14   |           |
| St. John River d♂.....               | 1,100  | 93   |           |
| Dunk River do.....                   | 771    | 40   |           |
| General Disbursements.....           | 1,235  | 26   | 27,585 07 |
| Total.....                           |        |      | 96,596 13 |

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FISHING BOUNTIES.

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APPENDICES.

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## GENERAL STATEMENT

OF Fishing Bounty Claims received, for the Year 1883.

| Province.                 | County.             | Number of<br>Claims<br>Received. | Number of<br>Claims<br>Rejected. |
|---------------------------|---------------------|----------------------------------|----------------------------------|
| Nova Scotia.....          | Antigonish.....     | 298                              | 1                                |
|                           | Annapolis.....      | 277                              | 6                                |
|                           | Cape Breton.....    | 574                              | 22                               |
|                           | Digby.....          | 495                              | 7                                |
|                           | Guysboro'.....      | 869                              | 4                                |
|                           | Halifax.....        | 1,297                            | 2                                |
|                           | Inverness.....      | 537                              | .....                            |
|                           | Kings.....          | 37                               | .....                            |
|                           | Lunenburg.....      | 559                              | 6                                |
|                           | Pictou.....         | 24                               | .....                            |
|                           | Queens.....         | 208                              | 5                                |
|                           | Richmond.....       | 847                              | 8                                |
|                           | Shelburne.....      | 569                              | 29                               |
|                           | Victoria.....       | 549                              | 3                                |
|                           | Yarmouth.....       | 231                              | 4                                |
|                           |                     | 7,171                            | 97                               |
| New Brunswick.....        | Charlotte.....      | 638                              | 48                               |
|                           | Gloucester.....     | 633                              | 13                               |
|                           | Kent.....           | 274                              | 50                               |
|                           | Northumberland..... | 10                               | .....                            |
|                           | Restigouche.....    | 2                                | .....                            |
|                           | St. John.....       | 127                              | 3                                |
|                           | Westmoreland.....   | 9                                | .....                            |
|                           |                     | 1,693                            | 114                              |
| Prince Edward Island..... | King's.....         | 501                              | 10                               |
|                           | Prince.....         | 463                              | 8                                |
|                           | Queen's.....        | 174                              | 15                               |
|                           |                     | 1,138                            | 33                               |
| Quebec.....               | Bonaventure.....    | 1,121                            | 209                              |
|                           | Gaspé.....          | 1,939                            | 26                               |
|                           | Rimouski.....       | 20                               | 20                               |
|                           | Saguenay.....       | 522                              | 24                               |
|                           |                     | 3,602                            | 279                              |

### RECAPITULATION.

|                           |        |     |
|---------------------------|--------|-----|
| Nova Scotia.....          | 7,171  | 97  |
| New Brunswick.....        | 1,693  | 114 |
| Prince Edward Island..... | 1,138  | 33  |
| Quebec.....               | 3,602  | 279 |
| Totals.....               | 13,604 | 523 |

GENERAL STATEMENT of Payments made on account of Fishing Bounty Claims, for the Year 1883.

| Province.                 | County.              | Amount Paid. | Total.    |
|---------------------------|----------------------|--------------|-----------|
|                           |                      | \$ cts.      | \$ cts.   |
| Nova Scotia.....          | Antigonish .....     | 482 50       |           |
|                           | Annapolis .....      | 2,045 50     |           |
|                           | Cape Breton.....     | 3,289 50     |           |
|                           | Digby.....           | 4,834 50     |           |
|                           | Guysboro'.....       | 7,559 00     |           |
|                           | Halifax.....         | 12,100 50    |           |
|                           | Inverness .....      | 3,994 50     |           |
|                           | King's.....          | 303 50       |           |
|                           | Lunenburg.....       | 19,508 00    |           |
|                           | Pictou.....          | 322 00       |           |
|                           | Queen's.....         | 2,635 00     |           |
|                           | Richmond.....        | 7,774 00     |           |
|                           | Shelburne.....       | 11,070 50    |           |
|                           | Victoria .....       | 3,282 50     |           |
| Yarmouth.....             | 10,181 00            |              |           |
|                           |                      |              | 89,383 50 |
| New Brunswick .....       | Charlotte .....      | 5,210 00     |           |
|                           | Gloucester .....     | 4,056 00     |           |
|                           | Kent .....           | 1,463 50     |           |
|                           | Northumberland ..... | 120 50       |           |
|                           | Restigouche .....    | 52 00        |           |
|                           | St. John .....       | 1,448 70     |           |
| Westmoreland .....        | 40 00                |              |           |
|                           |                      |              | 12,390 70 |
| Prince Edward Island..... | King's.....          | 3,083 64     |           |
|                           | Prince.....          | 3,810 00     |           |
|                           | Queen's.....         | 1,646 00     |           |
|                           |                      |              | 8,569 64  |
| Quebec .....              | Bonaventure.....     | 3,846 50     |           |
|                           | Gaspé.....           | 11,452 00    |           |
|                           | Saguenay.....        | 4,685 01     |           |
|                           |                      |              | 19,883 51 |

RECAPITULATION.

|                           |                   |                   |
|---------------------------|-------------------|-------------------|
| Nova Scotia.....          |                   | 89,383 50         |
| New Brunswick.....        |                   | 12,390 70         |
| Prince Edward Island..... |                   | 8,569 64          |
| Quebec .....              |                   | 19,883 51         |
|                           | <b>Total.....</b> | <b>130,227 35</b> |



STATEMENT showing Fishing Bounties paid to VESSELS in each County,  
for the Year 1883.

| Province.                | County.             | No. of Vessels. | Tonnage. | Average Tonnage. | No. of Men. | Amount Paid. |
|--------------------------|---------------------|-----------------|----------|------------------|-------------|--------------|
|                          |                     |                 |          |                  |             | \$ cts.      |
| Nova Scotia .....        | Annapolis.....      | 22              | 419      | 19               | 96          | 838 00       |
|                          | Cape Breton.....    | 12              | 218      | 18               | 45          | 436 00       |
|                          | Digby.....          | 73              | 3,334    | 46               | 422         | 2,652 00     |
|                          | Guysboro'.....      | 35              | 1,457    | 41               | 263         | 2,914 00     |
|                          | Halifax.....        | 120             | 3,018    | 25               | 718         | 6,020 00     |
|                          | Inverness.....      | 11              | 286      | 26               | 57          | 572 00       |
|                          | King's.....         | 8               | 73       | 24               | 9           | 146 00       |
|                          | Lunenburg.....      | 154             | 8,829    | 57               | 1,686       | 17,658 00    |
|                          | Pictou.....         | 4               | 101      | 25               | 13          | 202 00       |
|                          | Queen's.....        | 24              | 913      | 38               | 224         | 1,826 00     |
|                          | Richmond.....       | 63              | 1,779    | 28               | 446         | 3,558 00     |
|                          | Shelburne.....      | 84              | 4,372    | 52               | 968         | 8,744 00     |
|                          | Victoria.....       | 8               | 246      | 31               | 44          | 492 00       |
| Yarmouth.....            | 87                  | 4,743           | 54       | 1,247            | 9,486 00    |              |
|                          |                     | 700             | 29,788   | 43               | 6,238       | 55,544 00    |
| New Brunswick.....       | Charlotte.....      | 71              | 1,190    | 17               | 309         | 2,380 00     |
|                          | Gloucester.....     | 19              | 246      | 13               | 60          | 492 00       |
|                          | Kent.....           | 8               | 133      | 17               | 27          | 266 00       |
|                          | Northumberland..... | 2               | 34       | 17               | 9           | 68 00        |
|                          | Restigouche.....    | 2               | 26       | 13               | 5           | 52 00        |
|                          | St. John.....       | 24              | 473      | 20               | 86          | 861 20       |
|                          |                     | 126             | 2,102    | 17               | 496         | 4,119 20     |
| Prince Edward Island.... | King's.....         | 6               | 193      | 32               | 20          | 293 14       |
|                          | Prince.....         | 8               | 209      | 26               | 35          | 418 00       |
|                          | Queen's.....        | 2               | 48       | 24               | 11          | 96 00        |
|                          |                     | 16              | 450      | 28               | 66          | 807 14       |
| Quebec.....              | Gaspé.....          | 27              | 1,076    | 40               | 194         | 2,152 00     |
|                          | Saguenay.....       | 33              | 1,133    | 34               | 243         | 2,266 01     |
|                          |                     | 60              | 2,209    | 37               | 437         | 4,418 01     |

RECAPITULATION.

|                           |     |        |    |       |           |
|---------------------------|-----|--------|----|-------|-----------|
| Nova Scotia.....          | 700 | 29,788 | 43 | 6,238 | 55,544 00 |
| New Brunswick.....        | 126 | 2,102  | 17 | 496   | 4,119 20  |
| Prince Edward Island..... | 16  | 450    | 28 | 66    | 807 14    |
| Quebec.....               | 60  | 2,209  | 37 | 437   | 4,418 01  |
| Totals.....               | 902 | 34,549 | 38 | 7,237 | 64,888 35 |

## STATEMENT of Fishing Bounties paid to Boats, for the Year 1883.

| Prov.nce.                  | County.              | No. of Boats. | No. of Men. | Amount Paid. |
|----------------------------|----------------------|---------------|-------------|--------------|
|                            |                      |               |             | \$ cts.      |
| Nova Scotia.....           | Antigonish .....     | 97            | 193         | 482 50       |
|                            | Annapolis .....      | 252           | 483         | 1,207 50     |
|                            | Cape Breton.....     | 541           | 1,140       | 2,853 50     |
|                            | Digby .....          | 416           | 873         | 2,182 50     |
|                            | Guysboro' .....      | 860           | 1,857       | 4,645 00     |
|                            | Halifax .....        | 1,200         | 2,433       | 6,080 50     |
|                            | Inverness .....      | 526           | 1,369       | 3,422 50     |
|                            | King's .....         | 34            | 63          | 157 50       |
|                            | Lunenburg .....      | 400           | 740         | 1,850 00     |
|                            | Pictou .....         | 20            | 48          | 120 00       |
|                            | Queen's .....        | 179           | 324         | 810 00       |
|                            | Richmond .....       | 791           | 1,687       | 4,216 00     |
|                            | Shelburne .....      | 461           | 930         | 2,326 50     |
|                            | Victoria .....       | 538           | 1,116       | 2,790 50     |
| Yarmouth .....             | 141                  | 278           | 696 00      |              |
|                            |                      | 6,456         | 13,534      | 33,839 50    |
| New Brunswick.....         | Charlotte .....      | 519           | 1,132       | 2,830 00     |
|                            | Gloucester .....     | 601           | 1,426       | 3,564 00     |
|                            | Kent'.....           | 216           | 479         | 1,197 50     |
|                            | Northumberland ..... | 8             | 21          | 52 50        |
|                            | St. John.....        | 100           | 234         | 597 50       |
|                            | Westmoreland .....   | 9             | 16          | 40 00        |
|                            |                      | 1,453         | 3,308       | 8,271 50     |
| Prince Edward Island ..... | King's.....          | 493           | 1,115       | 2,790 50     |
|                            | Prince .....         | 447           | 1,368       | 3,422 00     |
|                            | Queen's .....        | 157           | 620         | 1,550 00     |
|                            |                      | 1,097         | 3,103       | 7,762 50     |
| Quebec.....                | Bonaventure.....     | 912           | 1,539       | 3,846 50     |
|                            | Gaspé.....           | 1,886         | 3,720       | 9,300 00     |
|                            | Saguenay .....       | 468           | 928         | 2,319 00     |
|                            |                      | 3,266         | 6,187       | 15,465 50    |

## RECAPITULATION.

|                           |        |        |           |
|---------------------------|--------|--------|-----------|
| Nova Scotia.....          | 6,456  | 13,534 | 33,839 50 |
| New Brunswick.....        | 1,453  | 3,308  | 8,271 50  |
| Prince Edward Island..... | 1,097  | 3,103  | 7,762 50  |
| Quebec.....               | 3,266  | 6,187  | 15,465 50 |
| Totals.....               | 12,272 | 26,132 | 65,339 00 |

DETAILED STATEMENT of Fishing Bounties paid to VESSELS, for the Year 1883.

PROVINCE OF NOVA SCOTIA.

ANNAPOLIS COUNTY.

| Official Number. | Name of Vessel.      | Port of Registry.         | Tonnage. | Name of Owner or Managing Owner.   | Residence.       | No. of Crew. | Amount of Bounty Paid. |
|------------------|----------------------|---------------------------|----------|------------------------------------|------------------|--------------|------------------------|
| 77,957           | Kedron .....         | Annapolis .....           | 23       | J. & Hd. Anderson.                 | Granville .....  | 3            | \$ 46 00               |
| 52,347           | Sea Gull .....       | do .....                  | 20       | Stephen Anderson.                  | do .....         | 4            | 40 00                  |
| 36,569           | Hope .....           | Halifax .....             | 34       | Elias Hudson, sen.                 | Parker's Cove.   | 4            | 68 00                  |
| 51,378           | Ita .....            | St. Andrews,<br>N.B. .... | 15       | A. J. and W. O.<br>Woodworth ..... | Litchfield ..... | 4            | 30 00                  |
| 77,732           | Heather Bell .....   | Digby .....               | 13       | U. A. Piggott.....                 | Granville .....  | 3            | 26 00                  |
| 38,164           | Tivy .....           | Yarmouth .....            | 28       | Geo F. Neville.....                | do .....         | 4            | 58 00                  |
| 83,258           | Alfred .....         | Annapolis .....           | 23       | Alfred Longmire ...                | do .....         | 5            | 46 00                  |
| 83,255           | Floyd .....          | do .....                  | 20       | Samuel Sproul .....                | Litchfield.....  | 7            | 40 00                  |
| 83,260           | Gazelle .....        | do .....                  | 20       | Joseph Hall .....                  | Granville .....  | 3            | 40 00                  |
| 83,256           | Marquis of Lorne ..  | do .....                  | 27       | do .....                           | do .....         | 6            | 51 00                  |
| 83,257           | Princess Louise..... | do .....                  | 21       | do .....                           | do .....         | 5            | 42 00                  |
| 83,254           | Sea Foam .....       | do .....                  | 28       | James E. Shafner...                | do .....         | 5            | 56 00                  |
| 57,130           | Water Lily .....     | Yarmouth .....            | 13       | Ed. and Jas. John ..               | do .....         | 6            | 26 00                  |
| 44, 64           | Lilla Dale .....     | Digby .....               | 14       | Stephen Taylor.....                | Victoria Beach   | 5            | 28 00                  |
| 75,426           | Dolphin .....        | Annapolis .....           | 11       | Handly Lewis .....                 | Port Lorne.....  | 4            | 22 00                  |
| 51,745           | Valley .....         | St. Andrews,<br>N.B. .... | 11       | Wm. Starratt.....                  | do .....         | 3            | 22 00                  |
| 83,253           | Rescue .....         | Annapolis .....           | 17       | Josiah Burrill.....                | Clements.....    | 5            | 34 00                  |
| 77,956           | Speed .....          | do .....                  | 13       | Chas. W. Burrill ...               | do .....         | 5            | 26 00                  |
| 77,958           | Maggie M. ....       | do .....                  | 16       | W. F. Potter .....                 | do .....         | 4            | 32 00                  |
| 83,259           | Hettie May .....     | do .....                  | 15       | Jas. R. Roper .....                | do .....         | 4            | 30 00                  |
| 57,109           | Sea Bird .....       | Yarmouth .....            | 22       | James E. Shafner...                | do .....         | 4            | 44 00                  |
| 77,766           | Laconic .....        | Shelburne.....            | 15       | David Milner.....                  | Parker's Cove.   | 3            | 30 00                  |

CAPE BRETON COUNTY.

|        |                      |               |    |                      |                 |   |       |
|--------|----------------------|---------------|----|----------------------|-----------------|---|-------|
| 80,977 | Ingraham .....       | Sydney .....  | 14 | Chas. Ainsley, sen.. | North Sydney..  | 4 | 28 00 |
| 75,703 | Stella Maria .....   | do .....      | 10 | Michael McDonald..   | Leitch's Creek  | 3 | 20 00 |
| 74,038 | River Queen .....    | do .....      | 32 | Peter Desveaux.....  | Lit. Bras d'Or. | 4 | 64 00 |
| 80,973 | Ocean Wave .....     | do .....      | 20 | Samuel Moore .....   | do .....        | 5 | 40 00 |
| 80,961 | Water Lily .....     | do .....      | 19 | Theodore Martell ... | Lit. Glace Bay  | 4 | 38 00 |
| 36,136 | Queen of the East .. | Halifax ..... | 25 | Michael Burke .....  | Main-à-Dieu ... | 3 | 50 00 |
| 80,963 | Princess .....       | Sydney .....  | 10 | James W. Grant ..... | Gabarouse.....  | 2 | 20 00 |
| 80,969 | May Flower .....     | do .....      | 11 | Wm. & Thos. Kelly.   | Lingan.....     | 3 | 22 00 |
| 74,125 | George Williams ...  | do .....      | 16 | Malc'lm McPherson    | Sydney.....     | 4 | 31 00 |
| 77,857 | Sailor's Bride ..... | do .....      | 10 | Florence E. O'Brien  | Lit. Bras d'Or. | 4 | 20 00 |
| 74,039 | James Henry .....    | do .....      | 18 | Chas. W. Dunn .....  | North Sydney .. | 5 | 36 00 |
| 61,792 | Alice May .....      | Halifax ..... | 33 | Solomon Tutty .....  | Louisburg ..... | 4 | 66 00 |

DIGBY COUNTY.

|        |                     |                |    |                                  |               |   |       |
|--------|---------------------|----------------|----|----------------------------------|---------------|---|-------|
| 80,800 | Helen Maud .....    | Digby .....    | 19 | Edgar and Chas<br>McDormand..... | Westport..... | 5 | 38 00 |
| 42,081 | Randolph P.....     | do .....       | 14 | Chas. McDormand..                | do .....      | 4 | 28 00 |
| 85,683 | Edith L. ....       | do .....       | 16 | John & Isaac Peters              | do .....      | 4 | 32 00 |
| 72,977 | Nellie H. Ham ..... | do .....       | 26 | Isaac Peters .....               | do .....      | 7 | 52 00 |
| 75,614 | Fawn .....          | Shelburne..... | 17 | do .....                         | do .....      | 6 | 34 00 |

## DETAILED STATEMENT of Fishing Bounties paid to Vessels, &amp;c.—Nova Scotia—Con.

## DIGBY COUNTY—Continued.

| Official Number. | Name of Vessel.      | Port of Registry.  | Tonnage. | Name of Owner or Managing Owner. | Residence.        | No. of Crew. | Amount of Bounty Paid. |
|------------------|----------------------|--------------------|----------|----------------------------------|-------------------|--------------|------------------------|
|                  |                      |                    |          |                                  |                   |              | \$ cts.                |
| 75,602           | Ocean Lily.....      | Digby.....         | 17       | M. D. Peters.....                | Westport.....     | 6            | 31 00                  |
| 61,501           | Vesta.....           | Shelburne.....     | 21       | Clarence Peters.....             | do.....           | 7            | 42 00                  |
| 54,080           | T. W. S. Greser..... | Lunenburg.....     | 30       | James A. Peters.....             | do.....           | 8            | 60 00                  |
| 80,784           | Silver Cloud.....    | Digby.....         | 41       | do.....                          | do.....           | 9            | 82 00                  |
| 75,601           | Flash.....           | do.....            | 10       | do.....                          | do.....           | 5            | 20 00                  |
| 42,072           | Ulrica.....          | do.....            | 20       | Jacob Davis.....                 | do.....           | 3            | 40 00                  |
| 75,547           | River Rose.....      | Barrington.....    | 13       | George Cann.....                 | do.....           | 6            | 26 00                  |
| 80,799           | Hattie T.....        | Digby.....         | 16       | Frank Titus.....                 | do.....           | 6            | 32 00                  |
| 77,740           | Elmer.....           | do.....            | 15       | Charles Titus.....               | do.....           | 6            | 30 00                  |
| 72,978           | Annie Coggins.....   | Digby.....         | 22       | Annie and William Coggins.....   | Westport.....     | 6            | 44 00                  |
| 74,329           | Fairy Queen.....     | Yarmouth.....      | 12       | Wallace Coggins.....             | do.....           | 4            | 24 00                  |
| 80,001           | Florence.....        | St. John, N.B..... | 15       | E. C. Bowers.....                | Digby Co.....     | 4            | 30 00                  |
| 75,726           | Thrush.....          | Yarmouth.....      | 13       | Stephen Payson.....              | do.....           | 5            | 26 00                  |
| 74,317           | Willie.....          | do.....            | 21       | James Glaven.....                | Freeport.....     | 8            | 42 00                  |
| 85,682           | Malapert.....        | Digby.....         | 22       | Henry and James Glaven.....      | do.....           | 8            | 44 00                  |
| 72,973           | Sea Breeze.....      | do.....            | 13       | Handford Denton.....             | Westport.....     | 4            | 26 00                  |
| 75,722           | Yuba.....            | Yarmouth.....      | 15       | John Collins.....                | Cape Cove.....    | 6            | 30 00                  |
| 80,604           | Jennie C.....        | do.....            | 16       | Charles Hicks.....               | do.....           | 6            | 32 00                  |
| 74,326           | Dreadnaught.....     | do.....            | 19       | J. D. Payson.....                | Westport.....     | 6            | 38 00                  |
| 80,798           | Freddie G.....       | Digby.....         | 18       | do.....                          | do.....           | 5            | 36 00                  |
| 85,686           | Gladstone.....       | do.....            | 16       | Augustus Haycock.....            | do.....           | 6            | 32 00                  |
| 74,331           | Condor.....          | Yarmouth.....      | 11       | Maurice Haycock.....             | do.....           | 5            | 22 00                  |
| 75,757           | Etta.....            | do.....            | 17       | do.....                          | do.....           | 6            | 34 00                  |
| 80,794           | Minnie C.....        | Digby.....         | 18       | Charles H. Bailey.....           | do.....           | 6            | 36 00                  |
| 77,733           | Freddie Stevens..... | do.....            | 24       | William Howard.....              | do.....           | 7            | 48 00                  |
| 80,795           | Suda.....            | do.....            | 20       | E. P. Ruggles.....               | do.....           | 6            | 40 00                  |
| 77,783           | Lost Heir.....       | Port Medway.....   | 14       | Amos Outhouse.....               | Tiverton.....     | 5            | 28 00                  |
| 75,587           | Happy Return.....    | Weymouth.....      | 13       | Albert Outhouse.....             | do.....           | 3            | 26 00                  |
| 75,586           | Festino.....         | do.....            | 26       | Holland Outhouse.....            | do.....           | 6            | 52 00                  |
| 77,610           | Monitor.....         | Lunenburg.....     | 35       | John Allen and Son.....          | do.....           | 7            | 70 00                  |
| 80,797           | Ella H.....          | Digby.....         | 13       | Milton & Ed. Haines.....         | Freeport.....     | 5            | 26 00                  |
| 75,751           | Helen Gertrude.....  | Yarmouth.....      | 16       | do.....                          | do.....           | 6            | 32 00                  |
| 75,711           | Dove.....            | do.....            | 19       | Joseph Ossinger.....             | do.....           | 7            | 38 00                  |
| 72,980           | Wave.....            | Digby.....         | 11       | Frank Thurber.....               | do.....           | 5            | 22 00                  |
| 85,690           | Lora T.....          | do.....            | 16       | Joseph Thurber.....              | do.....           | 6            | 32 00                  |
| 75,714           | Prince.....          | Yarmouth.....      | 10       | Geo. H. Stevens.....             | do.....           | 5            | 20 00                  |
| 80,786           | Lizzie P.....        | Digby.....         | 12       | Norman Parry.....                | do.....           | 2            | 24 00                  |
| 75,725           | Stella.....          | Yarmouth.....      | 24       | John Denton.....                 | do.....           | 6            | 48 00                  |
| 75,597           | Little Fury.....     | Digby.....         | 13       | Joseph Hall.....                 | Granville.....    | 3            | 26 00                  |
| 75,598           | Lizzie Jane.....     | do.....            | 18       | John W. Snow.....                | Digby.....        | 5            | 36 00                  |
| 38,161           | We are Here.....     | do.....            | 13       | do.....                          | do.....           | 2            | 26 00                  |
| 74,336           | Zouave.....          | Yarmouth.....      | 20       | Joseph E. Snow.....              | do.....           | *2           | 24 00                  |
| 55,828           | Minnie Ha! Ha!.....  | Shelburne.....     | 20       | E. N. Lutz <i>et al.</i> .....   | do.....           | 5            | 40 00                  |
| 57,108           | May Rose.....        | Yarmouth.....      | 26       | John Starr Hayden.....           | L. Granville..... | 10           | 52 00                  |
| 75,741           | Lottie.....          | do.....            | 12       | Bruce Kerr.....                  | Digby.....        | 5            | 24 00                  |
| 74,322           | Morning Star.....    | do.....            | 25       | J. W. Cousins.....               | do.....           | 10           | 50 00                  |
| 75,595           | West Wind.....       | Digby.....         | 25       | do.....                          | do.....           | 10           | 50 00                  |
| 38,036           | Twilight.....        | do.....            | 14       | James Ellis.....                 | do.....           | 4            | 28 00                  |
| 85,685           | I. M. Ellis.....     | do.....            | 35       | W. E. Ellis <i>et al.</i> .....  | do.....           | 8            | 70 00                  |
| 37,282           | Victoria.....        | do.....            | 29       | Turnbull & Welsh.....            | Smith's Cove..... | 7            | 58 00                  |
| 59,356           | M. P. Reed.....      | Annapolis.....     | 20       | David Sproul <i>et al.</i> ..... | do.....           | 10           | 60 00                  |
| 83,261           | Economist.....       | do.....            | 14       | Adelbert Ryder, sr.....          | Granville.....    | 6            | 28 00                  |
| 85,684           | Constitution.....    | Digby.....         | 28       | Charles J. Baker.....            | do.....           | 10           | 56 00                  |
| 85,687           | Mabel.....           | do.....            | 39       | George T. Wright.....            | Digby.....        | 4            | 78 00                  |
| 83,421           | Charlie.....         | Weymouth.....      | 10       | James Hutchinson.....            | do.....           | 5            | 20 00                  |
| 85,541           | Willie M.....        | Yarmouth.....      | 24       | Josiah Ellis.....                | Maitland.....     | 9            | 48 00                  |

\* Four of crew did not fish three months.

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*

DIGBY COUNTY—*Concluded.*

| Official Number. | Name of Vessel.    | Port of Registry. | Tonnage. | Name of Owner or Managing Owner.  | Residence.        | No. of Crew. | Amount of Bounty Paid. |
|------------------|--------------------|-------------------|----------|-----------------------------------|-------------------|--------------|------------------------|
|                  |                    |                   |          |                                   |                   |              | \$ cts.                |
| 85,534           | Lloyd.....         | Yarmouth.....     | 23       | John H. Harris <i>et al</i> ..... | .....             | 8            | 46 00                  |
| 85,539           | Maggie Jane.....   | do.....           | 12       | Mande Trakan <i>et al</i> .....   | Salmon River..... | 6            | 24 00                  |
| 80,630           | Vanity.....        | do.....           | 11       | Samuel F. Perry.....              | Yarmouth!.....    | 6            | 23 00                  |
| 85,533           | Minnie C.....      | do.....           | 12       | Charles Gann & Co. do.....        | do.....           | 6            | 24 00                  |
| 80,650           | Happy Home.....    | do.....           | 14       | Luke LeBlanc <i>et al</i> .....   | Salmon River..... | 7            | 28 00                  |
| 85,550           | Pair Play.....     | do.....           | 11       | John Sollows.....                 | Maitland.....     | 5            | 22 00                  |
| 75,864           | Roving Lizzie..... | Weymouth.....     | 11       | Holmes Sanders.....               | Sandy Cove... ..  | 3            | 22 00                  |
| 77,953           | Zulu.....          | Annapolis.....    | 18       | Theodore Raymond.....             | do.....           | 7            | 36 00                  |
| 51,981           | Lillie Dale.....   | Yarmouth.....     | 11       | Wm. W. Hayden.....                | Digby.....        | 4            | 22 00                  |
| 75,716           | Onward.....        | do.....           | 11       | S. L. Daken.....                  | Trout Cove.....   | 3            | 22 00                  |
| 83,427           | Zoulou.....        | Weymouth.....     | 12       | Anatole Melancon.....             | Clare.....        | 4            | 24 00                  |
| 75,612           | Alice.....         | Yarmouth.....     | 17       | Edmund Trask.....                 | Little River....  | 7            | 34 00                  |

GUYSBOROUGH COUNTY.

|        |                       |                            |     |                                    |                     |    |        |
|--------|-----------------------|----------------------------|-----|------------------------------------|---------------------|----|--------|
| 36,273 | Jenny Lind.....       | Halifax.....               | 14  | William O'Hara.....                | Salmon River.....   | 4  | 28 00  |
| 80,985 | Annie Roy.....        | Guysboro'.....             | 90  | George E. Jost.....                | Guysboro'.....      | 14 | 160 00 |
| 80,984 | Estella.....          | do.....                    | 75  | do.....                            | do.....             | 14 | 150 00 |
| 38,391 | Charlotte.....        | Arichat.....               | 28  | Joseph Luddington.....             | New Harbour.....    | 6  | 56 00  |
| 80,981 | Georgina.....         | Guysboro'.....             | 95  | John McG. Cunningham.....          | Guysboro'.....      | 15 | 160 00 |
| 80,970 | Orion.....            | Halifax.....               | 24  | Ed. B. Pelrine.....                | Larry's River.....  | 5  | 48 00  |
| 74,141 | Belle.....            | Guysboro'.....             | 31  | Robert H. Morrison.....            | Torbay.....         | 10 | 62 00  |
| 69,132 | Belle of the Bay..... | do.....                    | 20  | do.....                            | do.....             | 5  | 40 00  |
| 69,141 | Mary Elizabeth.....   | Halifax.....               | 16  | W. G. Webber.....                  | do.....             | 5  | 32 00  |
| 61,627 | Hope.....             | Guysboro'.....             | 25  | William G. Peart.....              | Guysboro'.....      | 5  | 50 00  |
| 59,470 | Dart.....             | do.....                    | 44  | Frederick Mahoney.....             | do.....             | 5  | 88 00  |
| 61,628 | Sir John A.....       | do.....                    | 25  | John Ehler, 3d.....                | Crow Harbour.....   | 4  | 50 00  |
| 64,033 | Ripple.....           | Yarmouth.....              | 29  | George A. Tanner.....              | do.....             | 8  | 58 00  |
| 37,616 | Petipau.....          | Guysboro'.....             | 22  | Wm. & R. Whitman.....              | Guysboro'.....      | 3  | 44 00  |
| 37,565 | Defiance.....         | Halifax.....               | 24  | Seth McKenzie.....                 | do.....             | 4  | 48 00  |
| 41,922 | Paragon.....          | Liverpool.....             | 35  | Simon McKenzie.....                | Canso.....          | 5  | 70 00  |
| 75,875 | Leda and Lizzie.....  | Pictou.....                | 56  | Thomas C. Cook.....                | do.....             | 7  | 112 00 |
| 75,709 | Alert.....            | Sydney.....                | 36  | do.....                            | do.....             | 3  | 72 00  |
| 77,781 | Lina May.....         | Guysboro'.....             | 82  | A. N. Whitman.....                 | do.....             | 11 | 160 00 |
| 75,627 | A. W. White.....      | Shelburne.....             | 99  | do.....                            | do.....             | 14 | 160 00 |
| 80,987 | Geraldine.....        | Guysboro'.....             | 139 | do.....                            | do.....             | 18 | 160 00 |
| 72,604 | Wm. R. Page.....      | do.....                    | 81  | do.....                            | do.....             | 14 | 160 00 |
| 77,931 | Sea Gull.....         | Charlottetown P. E. I..... | 28  | George Walsh.....                  | do.....             | 7  | 56 00  |
| 75,763 | Ripple.....           | Lunenburg.....             | 17  | Robert Jamieson.....               | do.....             | 3  | 34 00  |
| 41,771 | Atalia.....           | Guysboro'.....             | 34  | Thomas H. Peeples.....             | Pirate Harbour..... | 5  | 68 00  |
| 46,105 | Jane Otis.....        | Amherst.....               | 50  | M. Keating.....                    | Port Mulgrave.....  | 8  | 100 00 |
| 37,037 | Union.....            | Halifax.....               | 36  | James Purcell & Co do.....         | do.....             | 9  | 72 00  |
| 54,137 | John Williams.....    | do.....                    | 41  | do.....                            | do.....             | 9  | 82 00  |
| 69,934 | Lizzie A.....         | Pt. Hawkesby.....          | 20  | John F. Reeves <i>et al</i> .....  | do.....             | 3  | 40 00  |
| 74,355 | La Mode.....          | Pictou.....                | 25  | John Forrestall.....               | Auld's Cove... ..   | 5  | 50 00  |
| 35,632 | Glide.....            | Halifax.....               | 30  | George McKinlay... ..              | Liscomb.....        | 6  | 60 00  |
| 74,117 | Lizzie M.....         | do.....                    | 37  | John H. Myers.....                 | do.....             | 8  | 74 00  |
| 83,400 | Hope.....             | do.....                    | 13  | George Cook.....                   | Co. Harbour.. ..    | 4  | 26 00  |
| 64,912 | William Boak.....     | do.....                    | 62  | Peter McConnell <i>et al</i> ..... | Port Hillford.. ..  | 5  | 124 00 |
| 55,540 | Sea Flower.....       | Pictou.....                | 113 | James Purcell & Co.....            | Port Mulgrave.....  | 12 | 160 00 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*

HALIFAX COUNTY.

| Official Number. | Name of Vessel.     | Port of Registry. | Tonnage. | Name of Owner or Managing Owner.        | Residence.                | No. of Crew. | Amount of Bounty Paid. |
|------------------|---------------------|-------------------|----------|---|---------------------------|--------------|------------------------|
|                  |                     |                   |          |   |                           |              | \$ cts.                |
| 83,042           | Western Belle.....  | Shelburne.....    | 23       | James P. Coolen, sr                     | St. Margaret's Bay.....   | 8            | 46 00                  |
| 85,378           | Zephyr.....         | Halifax.....      | 14       | Lorenzo and James O'Brien.....          | Prospect.....             | 4            | 28 00                  |
| 73,119           | Royal.....          | do.....           | 12       | James and Tobias Scott.....             | East Dover.....           | 4            | 24 00                  |
| 85,388           | May Alice.....      | do.....           | 21       | James Scott <i>et al.</i> ..            | do.....                   | 6            | 42 00                  |
| 85,658           | Lilian.....         | do.....           | 15       | Michael Chancey <i>et al.</i> .....     | Prospect.....             | 5            | 30 00                  |
| 74,095           | Brill.....          | do.....           | 28       | John Fegan.....                         | Ketch Harbour.....        | 6            | 56 00                  |
| 42,520           | Nimble.....         | do.....           | 59       | John Stone.....                         | Halifax.....              | 11           | 118 00                 |
| 71,368           | Zelu.....           | Port Medway..     | 21       | Richard Boutilier.....                  | Boutilier Cove.....       | 5            | 42 00                  |
| 75,835           | Four Brothers.....  | Halifax.....      | 26       | Daniel Bonin.....                       | West Chezzet-cook.....    | 6            | 52 00                  |
| 74,103           | Drucilla May.....   | do.....           | 19       | William Baker.....                      | West Dover.....           | 5            | 38 00                  |
| 74,108           | City Belle.....     | do.....           | 21       | Noah Fader <i>et al.</i> .....          | Shad Bay.....             | 5            | 42 00                  |
| 80,843           | Nettie B. H.....    | do.....           | 23       | Wm and John Hearn                       | U. Prospect....           | 5            | 46 00                  |
| 77,836           | T. W. Smith.....    | do.....           | 35       | Edward Walsh, sen.                      | do.....                   | 10           | 70 00                  |
| 69,105           | Lady of the Lake..  | do.....           | 13       | Edward Walsh, sen., <i>et al.</i> ..... | do.....                   | 5            | 26 00                  |
| 85,390           | Susan C.....        | do.....           | 21       | Daniel Croucher.....                    | St. Margaret's Bay.....   | 6            | 42 00                  |
| 88,215           | Peep-O'-Day.....    | do.....           | 12       | Abraham Publi-cover <i>et al.</i> ..... | West Dover....            | 2            | 24 00                  |
| 83,398           | Ocean Child.....    | do.....           | 20       | Robert Wolf.....                        | West Chezzet-cook.....    | 4            | 40 00                  |
| 85,565           | Nellie D.....       | do.....           | 12       | Daniel Smith, jun.                      | Sambro.....               | 3            | 24 00                  |
| 83,409           | Minnie B.....       | do.....           | 18       | James Cornelius, jun                    | do.....                   | 5            | 36 00                  |
| 88,223           | River Belle.....    | do.....           | 11       | Richard Christian..                     | U. Prospect....           | 5            | 22 00                  |
| 61,985           | Squirrel.....       | do.....           | 15       | George J. Longard <i>et al.</i> .....   | St. Margaret's Bay.....   | 5            | 30 00                  |
| 88,213           | H. H. Bella.....    | do.....           | 13       | John Longard <i>et al.</i>              | do.....                   | 4            | 26 00                  |
| 85,340           | Ocean Ranger.....   | Lunenburg....     | 13       | Edward Corney.....                      | Dover.....                | 5            | 26 00                  |
| 88,219           | Annie.....          | Halifax.....      | 14       | George H. Graham                        | Three Fathom Harbour..... | 4            | 28 00                  |
| 85,379           | Helena.....         | do.....           | 17       | Dennis Ryan.....                        | Prospect.....             | 5            | 34 00                  |
| 85,385           | Minnie M.....       | Halifax.....      | 26       | Isaac Lapierre.....                     | Chezzetcook...            | 5            | 52 00                  |
| 85,382           | G. H. Marryatt....  | do.....           | 24       | G. H. Marryatt....                      | Pennant.....              | 5            | 48 00                  |
| 61,583           | Warrior.....        | do.....           | 102      | Geoff. Morrow <i>et al.</i>             | Halifax.....              | 16           | 160 00                 |
| 74,696           | Silver Stream.....  | do.....           | 35       | George W. Smith...                      | Indian Harb'r.            | 9            | 70 00                  |
| 72,059           | Richmond Queen..    | do.....           | 36       | George R. Hart.....                     | Halifax.....              | 8            | 72 00                  |
| 64,901           | Welcome.....        | do.....           | 32       | Peter Dauphiney...                      | do.....                   | 6            | 64 00                  |
| 61,635           | Alpha.....          | do.....           | 18       | G. P. Boutilier <i>et al.</i>           | French Vil'ge.            | 7            | 36 00                  |
| 83,114           | Sailors' Fancy..... | do.....           | 16       | J. A. Wambolt <i>et al.</i>             | do.....                   | 6            | 32 00                  |
| 75,575           | Rising Dawn.....    | Lunenburg....     | 18       | Lean Wambolt <i>et al.</i>              | do.....                   | 5            | 36 00                  |
| 75,879           | Cetewayo.....       | Pictou.....       | 20       | D. H. Pitts.....                        | Halifax.....              | 4            | 40 00                  |
| 77,782           | Hester A. R. Vogler | Halifax.....      | 71       | George A. Pyke.....                     | do.....                   | 14           | 143 00                 |
| 69,172           | Hope.....           | Lunenburg....     | 31       | J. McGrath, sr., <i>et al.</i>          | do.....                   | 8            | 62 00                  |
| 57,760           | Guardian Angel...   | Halifax.....      | 36       | John Reyno, sen....                     | Herring Cove..            | 5            | 72 00                  |
| 61,965           | Ellen.....          | do.....           | 32       | do.....                                 | do.....                   | 7            | 64 00                  |
| 80,832           | Ella May.....       | Lunenburg....     | 16       | George Adams.....                       | do.....                   | 5            | 32 00                  |
| 74,099           | Leading Breeze..... | Halifax.....      | 15       | David F. Covey....                      | Hagget's Cove             | 5            | 30 00                  |
| 85,655           | Daisey.....         | do.....           | 16       | Cyrus Johnson <i>et al.</i>             | St. Margaret's Bay.....   | 4            | 32 00                  |
| 85,654           | Annie F.....        | do.....           | 20       | Hy. Wambolt <i>et al.</i> ..            | do.....                   | 6            | 40 00                  |
| 83,399           | Fannie R. C.....    | do.....           | 22       | Enj J. Covey <i>et al.</i>              | do.....                   | 7            | 41 00                  |
| 86,651           | Ely Elvy.....       | do.....           | 18       | Hy. Wambolt <i>et al.</i>               | do.....                   | 5            | 35 00                  |
| 83,395           | Elerie.....         | do.....           | 29       | Elijah J. Covey....                     | do.....                   | 7            | 53 00                  |
| 36,335           | Trial.....          | do.....           | 23       | do.....                                 | do.....                   | 8            | 45 00                  |
| 74,129           | Telephone.....      | Port Medway..     | 70       | William McConnell                       | Hilford.....              | 4            | 140 00                 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c., Nova Scotia.—*Con.*HALIFAX COUNTY—*Continued.*

| Official Number. | Name of Vessel.      | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.       | No. of Crew. | Amount of Bounty Paid. |
|------------------|----------------------|-------------------|----------|----------------------------------|------------------|--------------|------------------------|
|                  |                      |                   |          |                                  |                  |              | \$ cts.                |
| 74,114           | Whisper .....        | Halifax .....     | 13       | J. G. Slaunwhite.                | Terrence Bay.    | 4            | 26 00                  |
| 83,134           | Infant .....         | do .....          | 14       | C. Slaunwhite, sr.               | do .....         | 4            | 28 00                  |
| 37,488           | Gipsev Lass .....    | do .....          | 26       | J. P. Slaunwhite ..              | do .....         | 8            | 52 00                  |
| 85,380           | Nimble .....         | do .....          | 14       | J. F. Slangenwhite.              | do .....         | 4            | 28 00                  |
| 57,674           | Dreadnought .....    | do .....          | 17       | do                               | do .....         | 5            | 34 00                  |
| 80,831           | W. A. Smith .....    | Lunenburg .....   | 32       | J. W. Slaunwhite.                | do .....         | 6            | 64 00                  |
| 85,281           | Champion .....       | Halifax .....     | 17       | Danl. Slaunwhite.                | do .....         | 5            | 34 00                  |
| 85,669           | Kitty Clyde .....    | do .....          | 13       | Jno. F. Slaunwhite               | do .....         | 5            | 26 00                  |
| 88,222           | Wave .....           | do .....          | 15       | Arch. Jollimore ..               | do .....         | 4            | 30 00                  |
| 61,629           | Carrie R .....       | do .....          | 17       | Peter Jollimore ..               | do .....         | 5            | 34 00                  |
| 61,903           | Flying Cloud .....   | Liverpool .....   | 20       | Moses Brooks .....               | Ketch Harbour    | 5            | 40 00                  |
| 61,939           | Margaret .....       | Halifax .....     | 22       | Francis Hanrahan.                | Ferguso's C've   | 6            | 44 00                  |
| 61,947           | Widgeon .....        | do .....          | 22       | Fred'k. Harrigan ..              | Herring Cove.    | 5            | 44 00                  |
| 54,132           | John Franklin .....  | do .....          | 18       | James Dempsey ..                 | do .....         | 6            | 36 00                  |
| 57,727           | Agnes .....          | do .....          | 21       | John Hayes .....                 | do .....         | 6            | 42 00                  |
| 64,869           | Sarah L. Oxner ..... | do .....          | 33       | William Hayes ..                 | do .....         | 6            | 66 00                  |
| 59,482           | Rival .....          | do .....          | 19       | William Fleming ..               | Ketch Harbour    | 5            | 38 00                  |
| 57,681           | Quickstep .....      | do .....          | 22       | Edw. Gallagher ..                | do .....         | 4            | 44 00                  |
| 57,662           | Village Bride .....  | do .....          | 24       | Emmanuel Fagan ..                | do .....         | 5            | 48 00                  |
| 74,020           | Addie .....          | do .....          | 17       | Dennis Fagan .....               | do .....         | 5            | 34 00                  |
| 42,291           | Volunteer .....      | do .....          | 16       | Emmanuel McKay ..                | do .....         | *1           | 16 00                  |
| 57,672           | Daisy .....          | do .....          | 35       | George Smith .....               | Ferguso's C've   | 7            | 70 00                  |
| 36,152           | Sarah Ann .....      | do .....          | 20       | Archibald Darah ..               | Herring Cove ..  | 6            | 40 00                  |
| 83,125           | J. B. M. .....       | do .....          | 20       | John Brown .....                 | do .....         | 6            | 40 00                  |
| 53,551           | Roving Bird .....    | do .....          | 24       | do .....                         | do .....         | 6            | 48 00                  |
| 61,972           | Fanny .....          | do .....          | 18       | Edward Gorman ..                 | do .....         | 6            | 36 00                  |
| 59,495           | Three Brothers ..... | do .....          | 23       | Andrew Sullivan ..               | do .....         | 6            | 46 00                  |
| 66,727           | Willow .....         | Lunenburg .....   | 18       | Jeffrey O'Gorman ..              | do .....         | 3            | 36 00                  |
| 57,715           | John Lawrence .....  | Halifax .....     | 23       | William Higgins ..               | Ketch Harbour    | 5            | 46 00                  |
| 53,600           | Star Light .....     | do .....          | 29       | Mark Power .....                 | Herring Cove.    | 6            | 58 00                  |
| 83,108           | Maud .....           | do .....          | 15       | Joseph Reyno, jun.               | do .....         | 4            | 30 00                  |
| 85,664           | Mary E .....         | do .....          | 14       | John J. Gray .....               | Sambro .....     | 2            | 28 00                  |
| 88,220           | Grande .....         | do .....          | 14       | William Hart .....               | do .....         | 4            | 28 00                  |
| 69,162           | Norns .....          | do .....          | 22       | George Schnare ..                | Pennant .....    | 5            | 44 00                  |
| 35,678           | Hariza .....         | do .....          | 52       | James Stoddard ..                | do .....         | 10           | 104 00                 |
| 80,841           | Nina .....           | do .....          | 13       | W. E. Murphy .....               | Owl's Head ..... | 4            | 28 00                  |
| 83,408           | M. A. Franklin ..... | do .....          | 22       | Alfred Russell .....             | Clam Harbour     | 5            | 44 00                  |
| 74,105           | Jessie .....         | do .....          | 22       | Peter Mitchell .....             | Ship Harbour.    | 6            | 44 00                  |
| 36,050           | Victoria .....       | do .....          | 34       | George Hawes .....               | Spry Harbour..   | 4            | 68 00                  |
| 41,787           | Silver Dart .....    | Halifax .....     | 30       | John Hutt .....                  | Tangier .....    | 6            | 60 00                  |
| 37,619           | British Queen .....  | do .....          | 20       | Wm. Houbly .....                 | Spry Bay .....   | 3            | 40 00                  |
| 64,891           | Kliza A .....        | do .....          | 40       | Edward Leslie .....              | do .....         | 5            | 80 00                  |
| 83,403           | Walter Alton .....   | do .....          | 59       | W. Chas. Henley ..               | do .....         | 9            | 118 00                 |
| 55,836           | Frank Newton .....   | Sydney .....      | 39       | Thomas Conrod .....              | Shoal Bay .....  | 7            | 78 00                  |
| 73,116           | Hattie Lewis .....   | Halifax .....     | 53       | J. E. Conrod .....               | Spry Harbour..   | 8            | 106 00                 |
| 74,100           | Candid .....         | do .....          | 23       | Daniel Lapierre ..               | W. Chezzetc'k    | 7            | 46 00                  |
| 64,872           | Catherine .....      | do .....          | 20       | do .....                         | do .....         | 4            | 40 00                  |
| 85,660           | Agness .....         | do .....          | 11       | Aimé Lapierre .....              | do .....         | 3            | 22 00                  |
| 83,107           | North Star .....     | do .....          | 26       | Simon Lapierre .....             | do .....         | 7            | 52 00                  |
| 83,106           | Annie Isabel .....   | do .....          | 24       | Martin Julien .....              | do .....         | 7            | 48 00                  |
| 74,071           | Condor .....         | do .....          | 16       | John Julien .....                | do .....         | 3            | 32 00                  |
| 85,652           | Our Hope .....       | do .....          | 36       | Charles Wolf .....               | do .....         | 9            | 72 00                  |
| 88,215           | Sir Rupert .....     | do .....          | 20       | Hy. Falkner <i>et al.</i>        | Jeddore .....    | 4            | 40 00                  |
| 75,833           | Twilight .....       | do .....          | 14       | Eli Baker .....                  | East Jeddore..   | 6            | 28 00                  |
| 69,097           | Highland Jane .....  | do .....          | 32       | Geo. Hartling, sen.              | Jeddore .....    | 10           | 64 00                  |
| 74,087           | Sea Gem .....        | do .....          | 30       | Wm. Gennix .....                 | do .....         | 7            | 60 00                  |
| 37,519           | Safe Guide .....     | Shelburne .....   | 28       | W. C. Henley .....               | Spry Bay .....   | 4            | 56 00                  |
| 66,749           | Flash .....          | Halifax .....     | 24       | David Coolin <i>et al.</i>       | Hub'rd's Cove    | 7            | 48 00                  |
| 59,455           | Willie McLaughlan    | Lunenburg .....   | 13       | J. W. Morash .....               | N.-W. Cove ..... | 3            | 24 00                  |

\* Remainder of crew did not fish 3 months.

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*HALIFAX COUNTY—*Concluded.*

| Official Number. | Name of Vessel.   | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.               | No. of Crew. | Amount of Bounty Paid. |
|------------------|-------------------|-------------------|----------|----------------------------------|--------------------------|--------------|------------------------|
|                  |                   |                   |          |                                  |                          |              | \$ cts.                |
| 75,815           | Herbert .....     | Halifax .....     | 30       | C. and H. Hubley...              | St. Margaret's Bay ..... | 10           | 60 00                  |
| 73,968           | Zephyr.....       | do .....          | 27       | David Dauphiney...               | Hub'r'd's Cove .....     | 9            | 54 00                  |
| 61,517           | Bessie.....       | do .....          | 33       | Hy. A. Shatford....              | do .....                 | 8            | 66 00                  |
| 73,989           | Bertha E .....    | do .....          | 21       | do .....                         | do .....                 | 7            | 42 00                  |
| 64,018           | Ocean Pride.....  | do .....          | 23       | Jas. McLean & Son.               | do .....                 | 7            | 46 00                  |
| 83,402           | Louisa Maud ..... | do .....          | 21       | Fred. Boutilier <i>et al.</i>    | do .....                 | 7            | 42 00                  |
| 73,984           | Aubrey S .....    | do .....          | 21       | Jeffrey Gilbert .....            | Petpiswick H'r .....     | 6            | 42 00                  |
| 88,224           | Tormentor .....   | do .....          | 15       | Michael Rice <i>et al.</i> ..    | Low'r Pr'spect .....     | 5            | 30 00                  |
| 74,098           | Rival .....       | do .....          | 30       | Henry Lapierre.....              | W. Chezzet'k .....       | 8            | 60 00                  |
| 85,387           | Topaz .....       | do .....          | 104      | Chebucto Fish'g Co               | Halifax .....            | 18           | 160 00                 |
| 80,986           | Diamond.....      | do .....          | 101      | do .....                         | do .....                 | 16           | 160 00                 |
| 36,511           | P. Martin.....    | do .....          | 36       | Richard Hawes .....              | Spry Harbour..           | 6            | 72 00                  |
| 61,904           | Water Lily.....   | do .....          | 14       | Simon Scott <i>et al.</i> ..     | West Dover.....          | 3            | 28 00                  |

## INVERNESS COUNTY.

|        |                     |                 |    |                                |                      |   |       |
|--------|---------------------|-----------------|----|--------------------------------|----------------------|---|-------|
| 64,715 | Helen .....         | Pt. Ha'kesbury  | 19 | P. Robin & Co .....            | .....                | 7 | 38 00 |
| 53,603 | Sea Flower.....     | do .....        | 25 | do .....                       | .....                | 6 | 50 00 |
| 38,417 | Messenger.....      | Arichat .....   | 30 | do .....                       | .....                | 7 | 60 00 |
| 69,457 | Highland Lass.....  | Lunenburg ..... | 15 | P. LeBlanc <i>et al.</i> ..... | Cheticamp.....       | 5 | 30 00 |
| 69,125 | May Flower .....    | Halifax .....   | 11 | Poly. Cormier <i>et al.</i> .. | do .....             | 4 | 22 00 |
| 69,989 | Morning Light ..... | Pt. Ha'kesbury  | 39 | David Walker.....              | R. Inhabitants ..... | 3 | 78 00 |
| 46,909 | Opal .....          | do .....        | 49 | Joseph Steele .....            | do .....             | 3 | 98 00 |
| 38,468 | Hector .....        | Arichat .....   | 35 | W. H. & F. L. Paint ..         | Pt. Ha'kesbury ..... | 9 | 70 00 |
| 85,089 | St. Peter.....      | Pt. Ha'kesbury  | 15 | Ths. and R. White ..           | Mahone Harb. .....   | 5 | 30 00 |
| 83,091 | Jennie .....        | do .....        | 11 | John Jamieson .....            | Steep Creek... ..    | 2 | 22 00 |
| 37,056 | Victory .....       | do .....        | 37 | John Calford .....             | Pt. Richmond..       | 6 | 74 00 |

## KINGS COUNTY.

|        |                 |                 |    |                      |                   |   |       |
|--------|-----------------|-----------------|----|----------------------|-------------------|---|-------|
| 42,086 | Mary Ann.....   | Digby .....     | 46 | Hy. E. Ogilvie ..... | Harbourville..    | 4 | 92 00 |
| 80,380 | Enterprise..... | Parrsboro'..... | 15 | Caleb Ogilvie .....  | do .....          | 2 | 30 00 |
| 78,989 | Petrel .....    | Windsor.....    | 12 | Elias Parker .....   | Hall's Harbour .. | 3 | 24 00 |

## LUNENBURG COUNTY.

|        |               |                 |     |                   |                 |    |        |
|--------|---------------|-----------------|-----|-------------------|-----------------|----|--------|
| 83,163 | Victor .....  | Lunenburg ..... | 76  | L. Anderson & Co. | Lunenburg ..... | 12 | 152 00 |
| 74,018 | Sunbeam ..... | do .....        | 67  | do .....          | do .....        | 12 | 134 00 |
| 85,617 | Pembina ..... | do .....        | 93  | do .....          | do .....        | 15 | 160 00 |
| 85,722 | Ottawa .....  | do .....        | 115 | do .....          | do .....        | 16 | 160 00 |
| 85,315 | Hope .....    | do .....        | 106 | do .....          | do .....        | 14 | 160 00 |
| 85,348 | Hiram .....   | do .....        | 67  | Henry Adams ..... | do .....        | 12 | 134 00 |
| 74,012 | Mystic .....  | do .....        | 79  | do .....          | do .....        | 15 | 158 00 |



## DETAILED STATEMENT of Fishing Bounties paid to Vessels, &amp;c.—Nova Scotia—Con.

## LUNENBURG COUNTY—Continued.

| Official Number. | Name of Vessel.      | Port of Registry. | Tonnage. | Name of Owner or Managing Owner.          | Residence.           | No. of Crew. | Amount of Bounty Paid. |
|------------------|----------------------|-------------------|----------|---|----------------------|--------------|------------------------|
|                  |                      |                   |          |   |                      |              | \$ cts.                |
| 83,177           | Maggie Belle .....   | Lunenburg .....   | 72       | Benjamin Berringer                        | Lunenburg .....      | 13           | 144 00                 |
| 77,615           | Candor .....         | do .....          | 71       | do .....                                  | do .....             | 12           | 142 00                 |
| 80,822           | Leone .....          | do .....          | 79       | do .....                                  | do .....             | 14           | 158 00                 |
| 85,640           | Virgin Belle .....   | do .....          | 57       | Francis Conrad .....                      | do .....             | 12           | 114 00                 |
| 85,641           | Pleroma .....        | do .....          | 103      | James Eisenhauer .....                    | do .....             | 14           | 160 00                 |
| 85,645           | Sissie Belle .....   | do .....          | 40       | Josiah Gerhardt .....                     | Middle South .....   | 9            | 80 00                  |
| 69,200           | Lorraine .....       | do .....          | 69       | James Geldert .....                       | Lunenburg .....      | 15           | 138 00                 |
| 74,147           | Welcome .....        | do .....          | 44       | Benj. Himmelman .....                     | do .....             | 10           | 83 00                  |
| 57,270           | Stella .....         | do .....          | 50       | Alfred Heisler .....                      | do .....             | 10           | 100 00                 |
| 36,495           | Lady Speedwell ..... | do .....          | 56       | Adam Knickle .....                        | do .....             | 10           | 112 00                 |
| 83,176           | Amazone .....        | do .....          | 73       | James Kinley .....                        | do .....             | 13           | 146 00                 |
| 85,334           | Valorous .....       | do .....          | 57       | Benjamin Lohnes .....                     | do .....             | 9            | 114 00                 |
| 69,183           | Mary Ann .....       | do .....          | 47       | James Moser .....                         | do .....             | 11           | 94 00                  |
| 85,360           | Saxon .....          | do .....          | 79       | George Myra .....                         | do .....             | 15           | 153 00                 |
| 85,331           | Parisian .....       | do .....          | 107      | A. R. Morash .....                        | do .....             | 14           | 160 00                 |
| 80,836           | Dictator .....       | do .....          | 79       | S. Watson Oxner .....                     | do .....             | 13           | 158 00                 |
| 80,824           | Elsie .....          | do .....          | 56       | do .....                                  | do .....             | 10           | 112 00                 |
| 77,614           | Senator .....        | do .....          | 75       | do .....                                  | do .....             | 13           | 150 00                 |
| 85,337           | Parthenia .....      | do .....          | 110      | do .....                                  | do .....             | 15           | 160 00                 |
| 85,343           | Narcissus .....      | do .....          | 127      | do .....                                  | do .....             | 14           | 160 00                 |
| 80,827           | Ocean Gem .....      | do .....          | 78       | John H. Ritcey <i>et al</i> .....         | Ritcey's Cove .....  | 13           | 156 00                 |
| 46,498           | Mariner .....        | do .....          | 56       | Saml. Risser <i>et al</i> .....           | do .....             | 8            | 112 00                 |
| 85,338           | Viola .....          | do .....          | 109      | Wm. L. Romkey .....                       | Lunenburg .....      | 14           | 160 00                 |
| 85,349           | Rise Over .....      | do .....          | 81       | William Smeltzer .....                    | do .....             | 15           | 160 00                 |
| 80,828           | Larkspur .....       | do .....          | 44       | J. D. Sperry .....                        | Petite Rivière ..... | 8            | 88 00                  |
| 77,631           | Gazelle .....        | do .....          | 46       | do <i>et al</i> .....                     | do .....             | 8            | 92 00                  |
| 75,568           | Julia A. .....       | do .....          | 14       | Martin J. Sperry .....                    | West Dublin .....    | 4            | 28 00                  |
| 77,763           | Fanny Young .....    | do .....          | 85       | William C. Smith .....                    | Lunenburg .....      | 15           | 160 00                 |
| 75,562           | Acine .....          | do .....          | 75       | C. L. Silver .....                        | do .....             | 13           | 150 00                 |
| 80,837           | Pet .....            | do .....          | 69       | Leander Schwartz .....                    | do .....             | 13           | 138 00                 |
| 85,346           | Verbena .....        | do .....          | 78       | Henry Wilson .....                        | do .....             | 14           | 156 00                 |
| 83,174           | W. E. Young .....    | do .....          | 92       | do .....                                  | do .....             | 15           | 160 00                 |
| 69,173           | Ellen May .....      | do .....          | 61       | David Westhaver .....                     | Mahone Bay .....     | 12           | 122 00                 |
| 83,175           | A. K. Walter .....   | do .....          | 82       | Elias Walter .....                        | Lunenburg .....      | 15           | 160 00                 |
| 74,144           | Lily A. W. .....     | do .....          | 52       | Martin Westhaver .....                    | do .....             | 10           | 104 00                 |
| 83,485           | John M. Ingles ..... | Liverpool .....   | 79       | J. D. Sperry <i>et al</i> .....           | Petite Rivière ..... | 8            | 158 00                 |
| 85,347           | Brilliant .....      | Lunenburg .....   | 85       | John B. Young <i>et al</i> .....          | Lunenburg .....      | 14           | 160 00                 |
| 80,839           | Magnific .....       | do .....          | 69       | do .....                                  | do .....             | 13           | 138 00                 |
| 74,013           | Sybil .....          | do .....          | 77       | Zwicker & Co .....                        | do .....             | 13           | 154 00                 |
| 46,476           | Amiel Corkum .....   | do .....          | 53       | W. A. Zwicker <i>et al</i> .....          | do .....             | 9            | 106 00                 |
| 85,345           | Beatrice .....       | do .....          | 79       | do .....                                  | do .....             | 15           | 158 00                 |
| 85,648           | Druid .....          | do .....          | 95       | Arthur H. Zwicker .....                   | do .....             | 14           | 160 00                 |
| 75,908           | Pathfinder .....     | Halifax .....     | 66       | William Falt .....                        | Petite Rivière ..... | 12           | 132 00                 |
| 69,218           | Standard .....       | Lunenburg .....   | 77       | John Anderson .....                       | Lunenburg .....      | 15           | 154 00                 |
| 69,202           | Treasure .....       | do .....          | 76       | Benjamin Anderson .....                   | do .....             | 16           | 152 00                 |
| 74,132           | Springfield .....    | do .....          | 44       | James Conrad <i>et al</i> .....           | Rose Bay .....       | 10           | 88 00                  |
| 75,567           | Rosedale .....       | do .....          | 56       | Thomas Cook <i>et al</i> .....            | Ritcey's Cove .....  | 10           | 112 00                 |
| 77,601           | Atlas .....          | do .....          | 52       | William Silver <i>et al</i> .....         | do .....             | 14           | 104 00                 |
| 74,139           | Sadie .....          | do .....          | 43       | Thos. Greaser <i>et al</i> .....          | La Have .....        | 8            | 86 00                  |
| 83,140           | Araunah .....        | do .....          | 71       | Jas. E. Hunt & Co. .....                  | Lunenburg .....      | 12           | 142 00                 |
| 69,201           | W. Roger .....       | do .....          | 84       | Charles Hewitt .....                      | do .....             | 14           | 160 00                 |
| 69,175           | Dial .....           | do .....          | 44       | M. & G. Himmelman .....                   | South .....          | 8            | 88 00                  |
| 46,485           | Quick Step .....     | do .....          | 40       | Thos. Heckman <i>et al</i> .....          | do .....             | 10           | 80 00                  |
| 85,332           | Carrie McKay .....   | do .....          | 56       | Isaac Heckman, sr.,<br><i>et al</i> ..... | Rose Bay .....       | 10           | 112 00                 |
| 77,622           | Pleasantville .....  | do .....          | 103      | Albert McKean <i>et al</i> .....          | do .....             | 17           | 160 00                 |
| 85,723           | Jesse A. Loye .....  | do .....          | 99       | Leonard Young <i>et al</i> .....          | Lunenburg .....      | 16           | 160 00                 |
| 59,489           | Sea Lily .....       | do .....          | 38       | Geo. Gerhart <i>et al</i> .....           | do .....             | 8            | 76 00                  |
| 59,493           | Escort .....         | do .....          | 59       | Thos. Greaser <i>et al</i> .....          | Lower LaHave .....   | 10           | 118 00                 |
| 75,563           | Petrel .....         | do .....          | 77       | George Nass .....                         | Lunenburg .....      | 14           | 154 00                 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*  
LUNENBURG COUNTY—*Continued.*

| Official Number. | Name of Vessel.     | Port of Registry. | Tonnage. | Name of Owner or Managing Owner.  | Residence.      | No. of Crew. | Amount of Bounty Paid. |
|------------------|---------------------|-------------------|----------|-----------------------------------|-----------------|--------------|------------------------|
|                  |                     |                   |          |                                   |                 |              | \$ cts.                |
| 85,635           | Vanilla .....       | Lunenburg.....    | 102      | John Ritcey <i>et al.</i> ....    | Ritcey's Cove.  | 14           | 160 00                 |
| 83,133           | Regina B.....       | do .....          | 83       | Jacob Ritcey <i>et al.</i> ...    | do .....        | 14           | 160 00                 |
| 73,167           | Cordelia Vogler.... | Port Medway...    | 65       | Samuel Ritcey <i>et al.</i> ...   | La Have.....    | 13           | 130 00                 |
| 74,015           | Kohinoor.....       | Lunenburg .....   | 77       | Joseph Rudolph, jr.               | Lunenburg.....  | 15           | 154 00                 |
| 85,636           | Prize.....          | do .....          | 91       | Abraham Smith .....               | Lunenburg.....  | 15           | 160 00                 |
| 73,965           | Etta .....          | do .....          | 28       | Rupert Shoop.....                 | do .....        | 7            | 66 00                  |
| 69,203           | R. W. Smith.....    | do .....          | 73       | Charles Smith <i>et al.</i> ...   | do .....        | 13           | 146 00                 |
| 69,184           | Laura May .....     | do .....          | 45       | Philip Shenkel.....               | LaHave.....     | 9            | 90 00                  |
| 74,011           | Lavinia.....        | do .....          | 71       | Albert Young .....                | Lunenburg.....  | 14           | 142 00                 |
| 85,633           | Dido .....          | do .....          | 120      | William Young <i>et al.</i> ...   | do .....        | 14           | 160 00                 |
| 59,488           | Mary Young.....     | do .....          | 77       | do .....                          | do .....        | 13           | 154 00                 |
| 74,019           | Jewel.....          | do .....          | 52       | Leonard Young .....               | do .....        | 11           | 104 00                 |
| 85,631           | Forest Belle.....   | do .....          | 83       | do <i>et al.</i> .....            | do .....        | 14           | 160 00                 |
| 83,171           | Henrietta.....      | do .....          | 115      | do <i>et al.</i> .....            | do .....        | 18           | 160 00                 |
| 85,632           | Ocean Belle.....    | do .....          | 83       | do <i>et al.</i> .....            | do .....        | 14           | 160 00                 |
| 85,721           | Notice.....         | do .....          | 47       | James Bell <i>et al.</i> .....    | do .....        | 8            | 94 00                  |
| 74,118           | True Love.....      | Halifax.....      | 30       | John Bell.....                    | LaHave.....     | 8            | 60 00                  |
| 69,143           | Ariquippa.....      | do .....          | 36       | James S. Bell <i>et al.</i> ...   | do .....        | 8            | 72 00                  |
| 80,840           | Letitia May .....   | Lunenburg.....    | 41       | Wm. Cleversey <i>et al.</i> ...   | do .....        | 8            | 82 00                  |
| 83,170           | Arthur.....         | do .....          | 122      | Saml. Corkum <i>et al.</i> ...    | do .....        | 16           | 160 00                 |
| 83,138           | May .....           | do .....          | 15       | James Collie.....                 | do .....        | 2            | 30 00                  |
| 69,140           | J. Croft.....       | Halifax.....      | 44       | Jacob Croft .....                 | West Dublin...  | 8            | 88 00                  |
| 75,671           | Fanny.....          | Lunenburg .....   | 16       | James Covey, sen....              | do .....        | 4            | 32 00                  |
| 69,213           | May Fly.....        | do .....          | 12       | John Fralick.....                 | LaHave .....    | 3            | 24 00                  |
| 85,727           | Jessie.....         | do .....          | 40       | James E. Hunt <i>et al.</i> ...   | do .....        | 9            | 80 00                  |
| 74,128           | Happy-go-Lucky....  | Port Medway...    | 35       | Hiram Hayward.....                | West Dublin...  | 8            | 70 00                  |
| 69,477           | Jeanet.....         | Lunenburg .....   | 41       | E. Hartlen <i>et al.</i> .....    | LaHave .....    | 10           | 82 00                  |
| 74,014           | Corsica .....       | do .....          | 79       | T. Kreser <i>et al.</i> .....     | do .....        | 14           | 158 00                 |
| 75,685           | Ralph.....          | do .....          | 56       | Henry Kreser <i>et al.</i> ...    | do .....        | 10           | 112 00                 |
| 75,676           | Minnie A.....       | do .....          | 41       | George Kreser <i>et al.</i> ...   | Ritcey Cove...  | 9            | 82 00                  |
| 83,164           | Valiant.....        | do .....          | 88       | Eph. Lohnes <i>et al.</i> ...     | do .....        | 14           | 160 00                 |
| 67,257           | W. L. Lohnes.....   | do .....          | 38       | William Lohnes.....               | LaHave .....    | 8            | 76 00                  |
| 83,136           | Eva Stewart.....    | do .....          | 103      | R. Mossman <i>et al.</i> ...      | Kingsburg.....  | 14           | 160 00                 |
| 77,786           | Hesperus.....       | Port Medway...    | 16       | Lenoir Oxner <i>et al.</i> ...    | LaHave.....     | 7            | 32 00                  |
| 69,194           | River Queen.....    | Lunenburg.....    | 51       | Nicholas Oxner <i>et al.</i> ...  | do .....        | 12           | 104 00                 |
| 75,669           | Empress.....        | do .....          | 47       | Simon Pentz <i>et al.</i> ...     | do .....        | 8            | 94 00                  |
| 77,607           | Dianthus.....       | do .....          | 45       | J. Parks, sen., <i>et al.</i> ... | do .....        | 8            | 90 00                  |
| 85,637           | Energetic.....      | do .....          | 52       | W.N. Reinhardt <i>et al.</i> ...  | do .....        | 11           | 105 00                 |
| 80,829           | Florence B.....     | do .....          | 32       | Elias Richard.....                | do .....        | 9            | 64 00                  |
| 77,603           | Traveller.....      | do .....          | 55       | William Romkey.....               | New Dublin...   | 10           | 119 00                 |
| 77,624           | Mary E.....         | do .....          | 69       | Geo. Romkey <i>et al.</i> ...     | do .....        | 13           | 134 00                 |
| 83,132           | Restless.....       | do .....          | 25       | W.N. Reinhardt <i>et al.</i> ...  | do .....        | 7            | 50 00                  |
| 69,200           | Vesta.....          | do .....          | 64       | Jas. Publicover <i>et al.</i> ... | do .....        | 12           | 124 00                 |
| 83,173           | Maggie Smith.....   | do .....          | 82       | Thos. Smith <i>et al.</i> ...     | La Have.....    | 15           | 160 00                 |
| 74,142           | Mary A.....         | do .....          | 45       | Albert Smith <i>et al.</i> ...    | do .....        | 8            | 90 00                  |
| 69,212           | Dahlia.....         | do .....          | 94       | John Shankle <i>et al.</i> ...    | do .....        | 15           | 160 00                 |
| 80,831           | Glide.....          | do .....          | 16       | J. W. Sperry <i>et al.</i> ...    | do .....        | 5            | 32 00                  |
| 74,131           | City Queen.....     | do .....          | 53       | John Broom <i>et al.</i> ...      | Mahone Bay...   | 10           | 105 00                 |
| 85,642           | Charlotte E. B..... | do .....          | 79       | W. A. Colp <i>et al.</i> ...      | do .....        | 16           | 158 00                 |
| 85,644           | Flora.....          | do .....          | 41       | A. Chisholm <i>et al.</i> ...     | do .....        | 8            | 82 00                  |
| 85,634           | New England.....    | do .....          | 58       | Nathan Hiltz <i>et al.</i> ...    | do .....        | 10           | 116 00                 |
| 83,180           | Friend.....         | do .....          | 17       | George A. Hubley.....             | do .....        | 4            | 34 00                  |
| 80,833           | Josephine W.....    | do .....          | 59       | Timothy Hebb <i>et al.</i> ...    | Mahone Bay...   | 9            | 115 00                 |
| 75,661           | Bereas.....         | do .....          | 41       | E. & J. Hiltz.....                | Indian Point... | 9            | 82 00                  |
| 59,475           | Jessen.....         | do .....          | 69       | Aaron Hyson.....                  | Mahone Bay...   | 12           | 138 00                 |
| 77,756           | Hiawatha.....       | Shelburne.....    | 66       | Cornelius Hardy.....              | do .....        | 14           | 132 00                 |
| 77,619           | Milford Grey.....   | Lunenburg.....    | 60       | Henry Mader <i>et al.</i> ...     | do .....        | 12           | 120 00                 |
| 65,748           | British Eagle.....  | Halifax.....      | 44       | Benj. Mason <i>et al.</i> ...     | do .....        | 10           | 88 00                  |
| 69,174           | Ida May.....        | Lunenburg.....    | 46       | J. Smeltzer <i>et al.</i> ...     | Mahone Bay...   | 10           | 92 00                  |
| 85,660           | Golden Arrow.....   | do .....          | 27       | Wil. A. Pickles.....              | do .....        | 6            | 54 00                  |
| 42,289           | Debel.....          | do .....          | 51       | J. Smeltzer <i>et al.</i> ...     | do .....        | 10           | 102 00                 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*  
LUNENBURG COUNTY—*Concluded.*

| Official Number. | Name of Vessel.     | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.      | No. of Crew. | Amount of Bounty Paid. |
|------------------|---------------------|-------------------|----------|----------------------------------|-----------------|--------------|------------------------|
|                  |                     |                   |          |                                  |                 |              | \$ cts.                |
| 57,688           | River Dale .....    | Lunenburg.....    | 48       | Nat. Strum <i>et al.</i> ...     | Mahone Bay...   | 8            | 96 00                  |
| 85,333           | Emperor .....       | do .....          | 51       | Reub. Venaud <i>et al.</i> ..    | do .....        | 10           | 102 00                 |
| 77,617           | J. W. Russell.....  | do .....          | 53       | Benj. Westhaver.....             | do .....        | 10           | 106 00                 |
| 83,139           | Ocean Friend.....   | do .....          | 78       | Thos. Langille <i>et al.</i> ..  | do .....        | 12           | 166 00                 |
| 75,570           | Olive Branch.....   | do .....          | 14       | John Church <i>et al.</i> ....   | do .....        | 4            | 28 00                  |
| 69,191           | Quick Step.....     | Halifax .....     | 25       | Wm. C. Chandler.....             | do .....        | 5            | 50 00                  |
| 69,187           | Queen of the Fleet. | Lunenburg .....   | 46       | N. W. Keddy <i>et al.</i> ....   | Chester Basin.  | 10           | 92 00                  |
| 74,080           | J. A. Kirk.....     | Halifax .....     | 16       | Henry Hutt <i>et al.</i> ....    | Tancook .....   | 3            | 32 00                  |
| 77,609           | Emma May .....      | Lunenburg .....   | 20       | Charles E. Nass.....             | Chester .....   | 7            | 40 00                  |
| 57,269           | J. H. Hiltz .....   | do .....          | 56       | Levi Oxner .....                 | do .....        | 10           | 112 00                 |
| 74,150           | J. P. Corkum .....  | do .....          | 16       | Ed. Slauenwhite .....            | do .....        | 5            | 32 00                  |
| 80,853           | Fearnot .....       | do .....          | 91       | James Conrad.....                | Park's Creek..  | 15           | 160 00                 |
| 85,649           | Cyrene.....         | do .....          | 107      | Isaac Corkum .....               | La Have.....    | 15           | 160 00                 |
| 75,779           | John Millard.....   | do .....          | 68       | Amiel Corkum .....               | do .....        | 12           | 136 00                 |
| 69,179           | Snow Queen .....    | Halifax .....     | 55       | Eleazear Corkum....              | do .....        | 10           | 110 00                 |
| 85,336           | Alice .....         | Lunenburg .....   | 116      | James Ross .....                 | Bridgewater...  | 15           | 160 00                 |
| 57,248           | Adonis .....        | do .....          | 48       | Daniel Schrader.....             | La Have.....    | 12           | 96 00                  |
| 80,825           | Bridgewater .....   | do .....          | 69       | William Sarty.....               | Pleasantville . | 10           | 120 00                 |
| 83,178           | Volant .....        | do .....          | 41       | Edward Weagle.....               | Summerside ..   | 8            | 82 00                  |
| 37,614           | Armada .....        | do .....          | 45       | John Wentzel .....               | Pleasantville . | 8            | 90 00                  |
| 54,156           | British Lady .....  | Halifax .....     | 18       | William Baker.....               | Tancook Isl'nd  | 3            | 36 00                  |
| 85,738           | Emmot.....          | Lunenburg .....   | 13       | James F. Boutlier..              | Bayswater.....  | 3            | 26 00                  |
| 85,646           | Maude .....         | do .....          | 15       | Amos Fleet <i>et al.</i> ....    | Blandford ..... | 5            | 30 00                  |
| 75,578           | Wiley .....         | do .....          | 13       | James E. Morash ...              | West Dover...   | 5            | 26 00                  |
| 37,532           | Emerald.....        | do .....          | 27       | John D. Publicover ..            | Blandford ..... | 8            | 54 00                  |
| 80,826           | Rosemay.....        | do .....          | 74       | Jacob B. Sarty <i>et al.</i>     | La Have.....    | 12           | 148 00                 |
| 75,680           | Violet.....         | do .....          | 59       | David Smith <i>et al.</i> ...    | Lunenburg. ...  | 13           | 118 00                 |

PICTOU COUNTY.

|        |                   |              |    |                     |               |   |       |
|--------|-------------------|--------------|----|---------------------|---------------|---|-------|
| 75,888 | Annie.....        | Pictou ..... | 22 | C. Dwyer .....      | Pictou .....  | 3 | 44 00 |
| 38,510 | Lily .....        | do .....     | 18 | Thomas Tanner.....  | do .....      | 3 | 36 00 |
| 73,108 | Way Queen.....    | Halifax..... | 46 | Duncan Fraser ..... | Cariboo ..... | 4 | 92 00 |
| 75,882 | Lord McDonald.... | Pictou.....  | 15 | Donald McDonald..   | Pictou .....  | 3 | 30 00 |

QUEEN'S COUNTY.

|        |                    |                 |     |                             |                |    |        |
|--------|--------------------|-----------------|-----|-----------------------------|----------------|----|--------|
| 61,838 | Amazon .....       | Port Medway.    | 41  | John Hutt .....             | Port Medway.   | 13 | 82 00  |
| 54,227 | Alberton.....      | Halifax .....   | 29  | do .....                    | do .....       | 10 | 58 00  |
| 75,782 | Hattie, E.....     | Port Medway.    | 35  | Henry Selig .....           | Vogler's Cove  | 11 | 70 00  |
| 85,344 | Donzella .....     | Lunenburg...    | 118 | Adam Selig .....            | do .....       | 20 | 160 00 |
| 83,383 | James Ryan.....    | Port Medway.    | 48  | Simeon Cohoon <i>et al.</i> | E. P't Medway  | 10 | 96 00  |
| 77,790 | Percy Roy .....    | do .....        | 48  | Cohoon, Baker & Co          | do .....       | 13 | 96 00  |
| 75,785 | Village Belle..... | do .....        | 55  | Samuel E. Teel.....         | Vogler's Cove  | 15 | 110 00 |
| 80,838 | Ocean Bride.....   | Lunenburg ..... | 19  | S. & E. Clatinburg.         | do .....       | 6  | 38 00  |
| 77,787 | Rescue .....       | Port Medway.    | 20  | James Mann .....            | do .....       | 7  | 40 00  |
| 83,306 | I. O. N. A.....    | do .....        | 28  | William Vogler ...          | do .....       | 10 | 52 00  |
| 75,762 | May Queen.....     | Liverpool.....  | 17  | E. E. Letson .....          | Port Medway..  | 5  | 34 00  |
| 61,544 | Emma Jane.....     | Shelburne.....  | 15  | John H. Smith <i>et al.</i> | Port Mouton... | 3  | 30 00  |
| 66,722 | C. Averett .....   | Liverpool.....  | 19  | Jas. H. Smith <i>et al.</i> | Brooklyn.....  | 8  | 38 00  |
| 75,778 | Coronila .....     | do .....        | 64  | do .....                    | do .....       | 9  | 128 00 |
| 73,962 | Willie B.....      | do .....        | 39  | James Buchanan ...          | do .....       | 8  | 78 00  |
| 83,492 | Dessie.....        | do .....        | 11  | Colin McLeod.....           | do .....       | 3  | 22 00  |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*QUEEN'S COUNTY—*Concluded.*

| Official Number. | Name of Vessel.    | Port of Registry. | Tonnage. | Name of Owner or Managing Owner.   | Residence.     | No. of Crew | Amount of Bounty Paid. |
|------------------|--------------------|-------------------|----------|------------------------------------|----------------|-------------|------------------------|
| 36,489*          | J. W. Mullock..... | Lunenburg....     | 43       | Enos McLeod <i>et al.</i> .....    | Brooklyn.....  | 9           | 86 00                  |
| 75,764           | Kestrel.....       | Liverpool.....    | 70       | do do.....                         | do.....        | 14          | 140 00                 |
| 75,767           | J. C. Dakin.....   | do.....           | 30       | Anderson & Bill.....               | Liverpool..... | 7           | 60 09                  |
| 83,487           | Avance.....        | do.....           | 64       | R. H. Gardner <i>et al.</i> .....  | Brooklyn.....  | 15          | 128 00                 |
| 64,917           | Magenta.....       | do.....           | 20       | Samuel Dexter <i>et al.</i> .....  | do.....        | 7           | 40 00                  |
| 83,161           | Eva L.....         | Lunenburg....     | 55       | Jeffry Publicover.....             | La Have.....   | 7           | 110 00                 |
| 83,308           | Ella.....          | Port Medway.      | 10       | Sylvanus Morton.....               | Liverpool..... | 3           | 20 00                  |
| 51,777           | Zaide °.....       | Liverpool.....    | 55       | Jas. C. Inness <i>et al.</i> ..... | do.....        | 11          | 110 00                 |

## RICHMOND COUNTY.

|        |                      |               |    |                                    |                 |    |       |
|--------|----------------------|---------------|----|------------------------------------|-----------------|----|-------|
| 36,650 | Adele.....           | Sydney.....   | 18 | Albert Poste.....                  | Jersey Island.. | 4  | 36 00 |
| 77,544 | Alpha.....           | Arichat.....  | 42 | William Levisconte.....            | D'Escousse....  | 9  | 84 00 |
| 74,116 | Fama.....            | Halifax.....  | 44 | do do.....                         | do.....         | 8  | 88 00 |
| 38,498 | Appoline.....        | Arichat.....  | 40 | do do.....                         | do.....         | 8  | 80 00 |
| 36,521 | Shooting Star.....   | Arichat.....  | 32 | Wm. Levisconte.....                | D'Escousse..... | 9  | 64 00 |
| 37,512 | Sea Slipper.....     | Lunenburg.... | 41 | Patient Poirier.....               | do.....         | 10 | 82 00 |
| 36,435 | Mary Stephens.....   | Arichat.....  | 31 | do.....                            | do.....         | 9  | 62 00 |
| 42,281 | Renfrew.....         | Halifax.....  | 41 | Simon Poirier, <i>et al.</i> ..... | do.....         | 9  | 82 00 |
| 38,459 | Mary Ann.....        | Arichat.....  | 29 | Desiré Poirier.....                | L'r D'Escouse.. | 8  | 58 00 |
| 61,902 | Morning Star.....    | Halifax.....  | 35 | John Manger.....                   | do.....         | 9  | 70 00 |
| 72,058 | Daisy.....           | Arichat.....  | 34 | Simon P. Richard.....              | Arichat.....    | 4  | 68 00 |
| 38,485 | Ajax.....            | do.....       | 40 | John Boudrot.....                  | D'Escousse....  | 10 | 80 00 |
| 38,400 | Mary.....            | do.....       | 24 | Henry Boudrot, sen                 | Poulaumont....  | 9  | 48 00 |
| 46,294 | Janette.....         | Halifax.....  | 30 | D. Gruchy & Son.....               | D'Escousse..... | 8  | 60 00 |
| 46,082 | Mary.....            | Hawkesbury..  | 43 | do do.....                         | do.....         | 11 | 86 00 |
| 35,996 | Blue Bell.....       | Arichat.....  | 25 | do do.....                         | do.....         | 9  | 50 00 |
| 72,070 | Lennox.....          | do.....       | 46 | do do.....                         | do.....         | 11 | 92 00 |
| 42,388 | Nimble.....          | Halifax.....  | 45 | do do.....                         | do.....         | 9  | 90 00 |
| 75,616 | Eliza Jane.....      | Shelburne.... | 22 | Alex. Vigneau.....                 | Arichat.....    | 3  | 44 00 |
| 54,134 | Morning Star.....    | Halifax.....  | 21 | John Landry.....                   | Petit de Grat.. | 3  | 42 00 |
| 43,109 | Chatham Head.....    | Chatham, N.B  | 24 | C. Fougère, sen.....               | Poulaumont....  | 9  | 48 00 |
| 64,713 | Amelia M.....        | Hawkesbury..  | 13 | David Lavache.....                 | Arichat.....    | 3  | 26 00 |
| 72,075 | Peggy.....           | Arichat.....  | 15 | Martin Sampson.....                | L'r. D'Escouse  | 4  | 30 00 |
| 38,462 | The Partners.....    | do.....       | 26 | Thos. & A. Sampson                 | Riv. Bourgeois  | 7  | 52 00 |
| 69,109 | Marcella Butler..... | Halifax.....  | 38 | Fabien Fougère.....                | do.....         | 8  | 76 00 |
| 38,414 | Philomel.....        | Arichat.....  | 26 | M. Dugas, <i>et al.</i> .....      | do.....         | 8  | 52 00 |
| 38,486 | Julia.....           | do.....       | 20 | Louis Bourke, <i>et al.</i>        | do.....         | 6  | 40 00 |
| 38,413 | Morning Star.....    | do.....       | 25 | Amiable Potty.....                 | do.....         | 8  | 50 00 |
| 80,972 | John Vincin.....     | Sydney.....   | 17 | David Sampson.....                 | do.....         | 6  | 34 00 |
| 72,071 | Lumen Diei.....      | Arichat.....  | 17 | Urbain Sampson.....                | do.....         | 6  | 34 00 |
| 38,480 | Two Brothers.....    | do.....       | 32 | Simon Landry.....                  | do.....         | 8  | 64 00 |
| 72,067 | Philomen D.....      | do.....       | 22 | Desiré Dugas, <i>et al.</i>        | do.....         | 8  | 44 00 |
| 77,843 | Elizabeth.....       | Halifax.....  | 30 | Charles P. Martel.....             | do.....         | 7  | 60 00 |
| 38,515 | Kate B.....          | Arichat.....  | 35 | Wm. Urquhart.....                  | do.....         | 9  | 70 00 |
| 36,483 | Harvest Home.....    | do.....       | 29 | do do.....                         | do.....         | 8  | 58 00 |
| 38,481 | G. H. B.....         | do.....       | 36 | Fred. W. Bissett.....              | Arichat.....    | 8  | 72 00 |
| 38,335 | Elizabeth.....       | do.....       | 17 | D. Boucher, <i>et al.</i> .....    | do.....         | 6  | 34 00 |
| 75,710 | Hortense.....        | Sydney.....   | 12 | G. Monberquette.....               | L'Ardoise.....  | 3  | 24 00 |
| 38,523 | Victoria.....        | Arichat.....  | 24 | Peter Burke.....                   | French Cove...  | 6  | 48 00 |
| 38,521 | Annie Laurie.....    | do.....       | 44 | J. Morrison, W. W.                 | do.....         | 9  | 88 00 |
| 37,574 | Commodore.....       | Halifax.....  | 41 | W. E. Morrison.....                | do.....         | 8  | 82 00 |
| 72,066 | Mary L.....          | Arichat.....  | 18 | Peter Landry, sen.                 | French Cove...  | 6  | 36 00 |
| 59,454 | Good Templar.....    | Halifax.....  | 22 | Henry Cook.....                    | L'Ardoise.....  | 7  | 44 00 |
| 83,401 | E. M. McDonald.....  | do.....       | 14 | M. A. McDonald.....                | Framboise.....  | 4  | 28 00 |
| 41,925 | Euxine.....          | Arichat.....  | 38 | D. N. Shaw.....                    | L'Ardoise.....  | 8  | 76 00 |
| 69,190 | Emma.....            | do.....       | 46 | Joseph Matheson.....               | do.....         | 10 | 92 00 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*  
 RICHMOND COUNTY—*Concluded.*

| Official Number. | Name of Vessel.   | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.     | No. of Crew. | Amount of Bounty Paid. |
|------------------|-------------------|-------------------|----------|----------------------------------|----------------|--------------|------------------------|
|                  |                   |                   |          |                                  |                |              | \$ cts.                |
| 83,088           | Sisters .....     | Chatham, N.B.     | 13       | John Walker .....                | R. Inhabitants | 3            | 26 00                  |
| 83,490           | Good Intent ..... | Pt. Hawkesb'y     | 22       | George W. Walker.                | do ...         | 3            | 44 00                  |
| 61,630           | Susan .....       | do                | 15       | Murdoch Hureau...                | do ...         | 2            | 30 00                  |
| 36,340           | Olive J. ....     | Halifax .....     | 57       | Peter Malcolm.....               | Cariboo Cove.  | 13           | 114 00                 |
| 38,477           | Lord Lyons.....   | do                | 51       | Robert Proctor ....              | R. Inhabitants | 6            | 102 00                 |
| 38,522           | Elizabeth .....   | Arichat .....     | 18       | John Burke, <i>et al.</i> ..     | Riv. Bourgeois | 7            | 36 00                  |
| 38,501           | Mary .....        | do                | 23       | Isiah Boudrot, <i>et al</i>      | do ...         | 8            | 46 00                  |
| 54,139           | B. Wier & Co..... | do                | 19       | Abram Fougère.....               | do ...         | 7            | 38 00                  |
| 38,439           | Ocean Belle.....  | Halifax .....     | 20       | Michael Boudrot....              | do ...         | 7            | 40 00                  |
| 61,990           | Catherine.....    | Arichat .....     | 20       | Désiré Bourque, <i>et al</i>     | do ...         | 7            | 40 00                  |
| 72,061           | Union .....       | Halifax .....     | 20       | Felix Burke .....                | do ...         | 7            | 40 00                  |
| 72,048           | C. P. M. ....     | Arichat .....     | 21       | Désire Burke .....               | do ...         | 7            | 44 00                  |
| 72,047           | Neptune .....     | do                | 26       | Charles Boudrot....              | do ...         | 7            | 52 00                  |
| 72,047           | Mary Moulton....  | do                | 26       | A. Fougère, <i>et al.</i> ..     | do ...         | 8            | 52 00                  |
| 38,516           | Lady of the Lake  | do                | 26       | C. Dugas, <i>et al.</i> ....     | do ...         | 7            | 52 00                  |
| 72,072           | Lady Fougère....  | do                | 11       | Docite Fougère.....              | do ...         | 4            | 22 00                  |
| 38,326           | Harriet.....      | do                | 26       | Charles Boudrot....              | Arichat West.  | 3            | 52 00                  |

SHELBURNE COUNTY.

|        |                     |                 |     |                              |                 |    |        |
|--------|---------------------|-----------------|-----|------------------------------|-----------------|----|--------|
| 83,043 | Ella A. Downie....  | Shelburne ..... | 73  | Johnson & Churchill          | Lockeport.....  | 14 | 148 00 |
| 75,623 | Grace Greenwood.    | do              | 88  | do                           | do              | 12 | 160 00 |
| 74,368 | Maggie Roach.....   | do              | 44  | do                           | do              | 10 | 88 00  |
| 61,589 | Creolian .....      | do              | 94  | do                           | do              | 16 | 160 00 |
| 77,761 | Knight Templar..    | do              | 90  | do                           | do              | 17 | 160 00 |
| 74,366 | Bel Brandon .....   | do              | 99  | do                           | do              | 14 | 160 00 |
| 75,615 | Lydia Robertson     | do              | 53  | do                           | do              | 13 | 106 00 |
| 85,479 | Alina .....         | do              | 91  | Churchill & Locke.           | do              | 18 | 160 00 |
| 77,749 | Orange Grove.....   | do              | 82  | do                           | do              | 18 | 160 00 |
| 77,751 | Flora Dell .....    | do              | 62  | do                           | do              | 15 | 124 00 |
| 75,628 | Rover .....         | do              | 101 | Jon. & Enos Locke.           | do              | 19 | 160 00 |
| 61,581 | Augusta Smith ...   | do              | 84  | do                           | do              | 15 | 160 00 |
| 83,054 | Ardella .....       | do              | 93  | do                           | do              | 17 | 160 00 |
| 83,046 | Millie B. ....      | do              | 88  | C. Locke & Co.....           | do              | 16 | 160 00 |
| 85,483 | Sarah H. Seeton.... | do              | 95  | do                           | do              | 15 | 160 00 |
| 61,592 | J. C. Williams....  | do              | 29  | Sam. Locke & Sons            | do              | 9  | 58 00  |
| 77,748 | Win fred.....       | do              | 84  | do                           | do              | 15 | 160 00 |
| 75,624 | Divina .....        | do              | 53  | Austin Locke.....            | do              | 12 | 106 00 |
| 77,759 | Thomas Robertson    | do              | 66  | do                           | do              | 16 | 132 00 |
| 83,047 | Festina Lente ..... | do              | 80  | do                           | do              | 15 | 160 00 |
| 61,594 | Keewatin.....       | do              | 96  | do                           | do              | 16 | 160 00 |
| 75,617 | Albert .....        | do              | 46  | do                           | do              | 13 | 92 00  |
| 61,588 | Cepola .....        | do              | 100 | do                           | do              | 16 | 160 00 |
| 83,060 | Nellie Morrow ..    | do              | 88  | Jacob Locke.....             | do              | 16 | 160 00 |
| 83,052 | Nautilus .....      | do              | 11  | do                           | do              | 6  | 22 00  |
| 75,620 | Cordelia .....      | do              | 14  | do                           | do              | 7  | 28 00  |
| 74,337 | May .....           | do              | 27  | Fredk. D. Locke....          | do              | 8  | 54 00  |
| 85,478 | Glenora.....        | do              | 75  | Samuel Locke <i>et al.</i>   | do              | 13 | 150 00 |
| 54,114 | Lone Star.....      | Halifax .....   | 29  | Jas. Hardy & Bros            | do              | 9  | 58 00  |
| 83,045 | Willie Freeman....  | Shelburne ..... | 104 | S. Freeman & Co...           | Jordan River.   | 22 | 160 00 |
| 85,482 | Angola .....        | Liverpool ..... | 91  | do                           | do              | 10 | 160 00 |
| 61,516 | Dunkith.....        | Shelburne ..... | 59  | Sutcliffe Decker...          | Jordan Bay....  | 13 | 118 00 |
| 61,916 | Only Son.....       | Liverpool ..... | 16  | Stronach Decker <i>et al</i> | Ragged Island   | 6  | 32 00  |
| 77,770 | Gowan Gem.....      | Shelburne ..... | 29  | Daniel Swim .....            | Little Harbor.. | 9  | 58 00  |
| 85,480 | M. & A. Morrison..  | do              | 88  | Donald Morrison....          | Jordan Bay....  | 18 | 160 00 |
| 85,481 | Reulah .....        | do              | 107 | R. W. Freeman.....           | do              | 16 | 160 00 |
| 73,967 | Katie .....         | Liverpool.....  | 14  | Daniel Cronan.....           | Lockeport ..... | 4  | 28 00  |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, etc.—Nova Scotia—Con.  
SHELburnE COUNTY—Continued.

| Official Number. | Name of Vessel.       | Port of Registry. | Tonnage. | Name of owner or Managing owner. | Residence.        | No. of Crew. | Amount of Bounty Paid. |
|------------------|-----------------------|-------------------|----------|----------------------------------|-------------------|--------------|------------------------|
| 77,744           | Whip-poor-Will .....  | Shelburne .....   | 15       | Alfred Harding.....              | Ragged Island     | 6            | \$ cts.                |
| 83,051           | Keelsea.....          | do .....          | 31       | John B Harding .....             | do .....          | 7            | 30 00                  |
| 74,365           | Nova Stella.....      | do .....          | 53       | Wm Lloyd, jun.....               | Lockeport.....    | 12           | 106 00                 |
| 77,746           | Magellan Cloud .....  | do .....          | 89       | John H. Thorburn.....            | Jordan Bay.....   | 16           | 160 00                 |
| 61,983           | Anna Bella.....       | Halifax.....      | 22       | O. W. Hopkins <i>et al</i> ..... | Barrington .....  | 6            | 44 00                  |
| 77,603           | Eldon C.....          | Barrington .....  | 26       | John E. Hopkins.....             | do .....          | 7            | 52 00                  |
| 74,367           | Stella.....           | do .....          | 30       | J. C. Crowell <i>et al</i> ..... | do .....          | 7            | 60 00                  |
| 61,905           | Champion.....         | Liverpool.....    | 14       | Frank Hopkins <i>et al</i> ..... | do .....          | 6            | 28 00                  |
| 75,559           | Surprise.....         | Barrington .....  | 12       | Nathan O. Hopkins.....           | do .....          | 4            | 24 00                  |
| 71,032           | Arthur.....           | Yarmouth.....     | 21       | T. D. Crowell <i>et al</i> ..... | Shag Harbor.....  | 11           | 42 00                  |
| 77,831           | Minnie Currie .....   | Barrington .....  | 60       | E. Crowell <i>et al</i> .....    | Cape Sable I'd    | 15           | 120 00                 |
| 75,550           | Martine.....          | do .....          | 11       | Andrew Crowell.....              | Wood's Harb'r     | 3            | 22 00                  |
| 71,396           | Lightfoot.....        | do .....          | 16       | Wm. Swaine.....                  | Bear Point.....   | 8            | 32 00                  |
| 75,558           | Emma B.....           | do .....          | 93       | Peter C. Swim <i>et al</i> ..... | do .....          | 20           | 160 00                 |
| 74,051           | Kate McKinnon.....    | do .....          | 73       | Randall McKinnon.....            | Cape Sable I'd    | 18           | 146 00                 |
| 74,053           | Peerless.....         | do .....          | 57       | J. C. Cunningham.....            | Barrington .....  | 13           | 114 00                 |
| 57,263           | J. Fraser.....        | Lunenburg.....    | 39       | do .....                         | do .....          | 11           | 78 00                  |
| 36,438           | Highlander.....       | Shelburne.....    | 32       | A. M. Wrayton.....               | Emerald Isle..... | 5            | 64 00                  |
| 38,167           | Azoff.....            | Yarmouth.....     | 37       | Henry Atwood.....                | Bear Point.....   | 11           | 74 00                  |
| 74,133           | Pioneer.....          | do .....          | 92       | Peter Kenny.....                 | Cape Isle.....    | 18           | 160 00                 |
| 66,699           | J. W. Kenney .....    | do .....          | 52       | Alf. Kenney <i>et al</i> .....   | Barrington .....  | 15           | 104 00                 |
| 55,830           | Oregon.....           | Shelburne.....    | 20       | S. L. Banks.....                 | do .....          | 3            | 40 00                  |
| 77,618           | May Queen.....        | Barrington .....  | 34       | John N. Banks.....               | do .....          | 4            | 68 00                  |
| 75,552           | Hannah Eldridge.....  | do .....          | 57       | Nehemiah McGray.....             | do .....          | 14           | 114 00                 |
| 85,561           | Cape Sable.....       | do .....          | 90       | do .....                         | do .....          | 18           | 160 00                 |
|                  | Jackdaw.....          | do .....          | 15       | John Lyons.....                  | do .....          | 3            | 30 00                  |
| 75,543           | Cod Seeker.....       | Barrington .....  | 29       | Nehm Banks <i>et al</i> .....    | Barrington .....  | 8            | 58 00                  |
| 61,572           | John Halifax.....     | Shelburne.....    | 63       | Orlando Taylor.....              | Port La Tour..... | 13           | 126 00                 |
| 71,333           | Freddie M. Reynolds   | Barrington .....  | 34       | Cornelius Snow.....              | do .....          | 10           | 58 00                  |
| 55,806           | Ann Hiltz.....        | Liverpool.....    | 16       | Har. D. Smith <i>et al</i> ..... | Port La Tour..... | 4            | 32 00                  |
| 37,523           | Snow Drop.....        | do .....          | 29       | James Snow.....                  | do .....          | 7            | 58 00                  |
| 61,592           | Mina Belle.....       | Shelburne.....    | 42       | do .....                         | do .....          | 10           | 84 00                  |
| 61,528           | Lillian.....          | do .....          | 40       | Edward Crowell.....              | do .....          | 7            | 80 00                  |
| 55,826           | Lily of Clyde.....    | do .....          | 61       | Geo. T. Hagar <i>et al</i> ..... | N. E. Harbor..... | 12           | 122 00                 |
| 71,339           | Joe Howe.....         | Barrington .....  | 12       | Christian Nelson.....            | Port Clyde.....   | 3            | 24 00                  |
| 74,054           | Laura E. Douglas..... | do .....          | 39       | James D. Coffin.....             | Clyde.....        | 8            | 78 00                  |
| 85,562           | Oresa.....            | do .....          | 14       | Edward E. McLean.....            | Port Saxou.....   | 5            | 28 00                  |
| 85,484           | Meliorce.....         | Shelburne.....    | 100      | Geo. J. Thorburne.....           | Shelburne.....    | 12           | 160 00                 |
| 55,645           | Angus Grant.....      | do .....          | 70       | B. P. Thorburne.....             | do .....          | 13           | 140 00                 |
| 85,476           | Fleetwing.....        | do .....          | 11       | L. T. Hammond <i>et al</i> ..... | Jordan Bay.....   | 4            | 22 00                  |
| 85,477           | Myrtle.....           | do .....          | 91       | Joseph McGill <i>et al</i> ..... | Shelburne.....    | 15           | 160 00                 |
| 83,050           | Belmont.....          | do .....          | 53       | do .....                         | do .....          | 9            | 106 00                 |
| 77,762           | Bridget Ann.....      | do .....          | 52       | John Purney.....                 | do .....          | 12           | 104 00                 |
| 61,566           | John Purney.....      | do .....          | 66       | do .....                         | do .....          | 15           | 132 00                 |
| 75,628           | Sylph.....            | do .....          | 76       | R. H. Bohnan.....                | do .....          | 12           | 152 00                 |
| 83,048           | Clifford.....         | do .....          | 88       | J. A. McGowan, jun.....          | do .....          | 18           | 160 00                 |
| 77,758           | Bride.....            | do .....          | 78       | do <i>et al</i> .....            | do .....          | 13           | 156 00                 |

## VICTORIA COUNTY.

|        |                  |                               |    |                     |                            |   |        |
|--------|------------------|-------------------------------|----|---------------------|----------------------------|---|--------|
| 80,917 | Mary Jane.....   | Charlottetown<br>P. E. I..... | 56 | H. A. McLeod.....   | New Haven.....             | 9 | 112 00 |
| 61,617 | Eva May.....     | Guysboro'.....                | 29 | Norman McLeod.....  | St. Peter's.....           | 5 | 58 00  |
| 73,976 | Chaughran.....   | Liverpool.....                | 42 | Abraham Harris..... | Ingonish.....              | 7 | 84 00  |
| 54,169 | Flying Mist..... | Digby.....                    | 18 | H. F. Baker.....    | do .....                   | 4 | 36 00  |
| 77,844 | May Flower.....  | Halifax.....                  | 15 | William Carey.....  | New Campbell-<br>ton ..... | 5 | 30 00  |
| 74,052 | Lightfoot.....   | Barrington.....               | 59 | William Hawley..... | Ingonish.....              | 7 | 112 00 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c., Nova Scotia.—*Con.*  
VICTORIA COUNTY—*Concluded.*

| Official Number. | Name of Vessel.      | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.    | No. of Crew. | Amount of Bounty Paid. |
|------------------|----------------------|-------------------|----------|----------------------------------|---------------|--------------|------------------------|
|                  |                      |                   |          |                                  |               |              | \$ cts.                |
| 38,264           | Express.....         | Halifax.....      | 16       | Richard Palmer....               | Tête du Hibon | 4            | 32 00                  |
| 77,858           | Sambo.....           | Sydney.....       | 14       | John G. Morrison..               | .....         | 3            | 28 00                  |
| 61,840           | Pigeon.....          | Yarmouth.....     | 33       | Hatfield, Kinney & C             | Yarmouth..... | 12           | 66 00                  |
| 51,999           | Azora.....           | do.....           | 54       | do.....                          | do.....       | 18           | 108 00                 |
| 61,587           | Lucretia Jane.....   | do.....           | 88       | do.....                          | do.....       | 13           | 160 00                 |
| 80,629           | Winnie L.....        | do.....           | 100      | do.....                          | do.....       | 15           | 160 00                 |
| 71,010           | Mariner's Guide..... | do.....           | 35       | do.....                          | do.....       | 13           | 70 00                  |
| 74,734           | J. M. Manning.....   | do.....           | 56       | do.....                          | do.....       | 16           | 112 00                 |
| 61,788           | Lynx.....            | do.....           | 59       | do.....                          | do.....       | 18           | 118 00                 |
| 80,782           | Titania.....         | do.....           | 52       | do.....                          | do.....       | 19           | 104 00                 |
| 74,335           | Safe.....            | do.....           | 35       | do.....                          | do.....       | 13           | 70 00                  |
| 50,591           | Water Lily.....      | do.....           | 71       | do.....                          | do.....       | 18           | 142 00                 |
| 74,330           | Nokomis.....         | do.....           | 67       | do.....                          | do.....       | 14           | 134 00                 |
| 83,053           | Kathleen.....        | Shelburne.....    | 117      | do.....                          | do.....       | 16           | 160 00                 |
| 80,648           | Maria.....           | Yarmouth.....     | 109      | do.....                          | do.....       | 17           | 160 60                 |
| 80,628           | Roseneath.....       | do.....           | 110      | Byron Hines.....                 | Pubnico.....  | 17           | 160 00                 |
| 75,749           | Vivia.....           | do.....           | 43       | Parker, Eakins & Co              | Yarmouth..... | 14           | 86 00                  |
| 75,711           | Angeline.....        | do.....           | 67       | do.....                          | do.....       | 14           | 134 00                 |
| 75,720           | Florence B. Parr..   | do.....           | 90       | do.....                          | do.....       | 15           | 160 00                 |
| 74,320           | Brenton.....         | do.....           | 70       | do.....                          | do.....       | 12           | 140 00                 |
| 75,733           | Alfred.....          | do.....           | 46       | do.....                          | do.....       | 12           | 92 00                  |
| 75,867           | Ida Peters.....      | St. John, N.B.    | 32       | do.....                          | do.....       | 7            | 64 00                  |
| 80,645           | Opal.....            | Yarmouth.....     | 97       | do.....                          | do.....       | 16           | 160 00                 |
| 71,031           | Sarah Jane Killam.   | do.....           | 51       | A. F. Stoneman & Co              | do.....       | 18           | 102 00                 |
| 57,134           | Margaret Elizabeth   | do.....           | 45       | do.....                          | do.....       | 17           | 90 00                  |
| 69,217           | Chlorus.....         | do.....           | 57       | do.....                          | do.....       | 12           | 114 00                 |
| 63,685           | Wide Awake.....      | do.....           | 77       | do.....                          | do.....       | 13           | 154 00                 |
| 74,325           | Laura Gertrude.....  | do.....           | 47       | do.....                          | do.....       | 11           | 94 00                  |
| 61,790           | Twilight.....        | do.....           | 58       | do.....                          | do.....       | 12           | 116 00                 |
| 80,644           | Beatrice.....        | do.....           | 100      | do.....                          | do.....       | 16           | 160 00                 |
| 51,978           | Pandora.....         | do.....           | 57       | do.....                          | do.....       | 17           | 114 00                 |
| 75,754           | E. L. Perkins.....   | do.....           | 46       | do.....                          | do.....       | 10           | 92 00                  |
| 51,962           | Jane Porter.....     | do.....           | 38       | do.....                          | do.....       | 5            | 76 00                  |
| 61,921           | W. E. Wier.....      | do.....           | 41       | do.....                          | do.....       | 15           | 82 00                  |

YARMOUTH COUNTY.

|        |                     |                |     |                              |               |    |        |
|--------|---------------------|----------------|-----|------------------------------|---------------|----|--------|
| 84,136 | Ida May.....        | Yarmouth.....  | 70  | Wm. Ryder.....               | Argyle.....   | 11 | 140 00 |
| 85,536 | Circassian.....     | do.....        | 115 | do <i>et al</i> .....        | do.....       | 14 | 160 00 |
| 38,096 | Flying Fish.....    | do.....        | 13  | Israel Thompson...           | Yarmouth..... | 2  | 26 00  |
| 61,827 | Gipsy.....          | do.....        | 11  | W. A. Powell <i>et al</i> .  | do.....       | 3  | 23 00  |
| 57,103 | West Point.....     | do.....        | 38  | H. & N. B. Lewis...          | do.....       | 12 | 76 00  |
| 80,642 | Harry Lewis.....    | do.....        | 111 | do.....                      | do.....       | 16 | 160 00 |
| 74,339 | Maitland.....       | do.....        | 44  | do.....                      | do.....       | 14 | 88 00  |
| 52,029 | British Eagle.....  | do.....        | 64  | James M. Davis.....          | .....         | 14 | 128 00 |
| 77,723 | Maggie Blanche..... | do.....        | 45  | Reuben Gayton.....           | Argyle.....   | 7  | 90 00  |
| 74,301 | Minniehaha.....     | do.....        | 12  | Michael Carroll.....         | .....         | 6  | 24 00  |
| 85,537 | Sisters.....        | do.....        | 16  | Robert Crowell.....          | Yarmouth..... | 3  | 32 00  |
| 75,625 | Banneret.....       | Shelburne..... | 54  | Reub. Goodwin <i>et al</i>   | Pubnico.....  | 16 | 108 00 |
| 80,605 | Coral Leaf.....     | Yarmouth.....  | 71  | G. B. Goodwin <i>et al</i>   | do.....       | 18 | 142 00 |
| 57,131 | Forest Flower.....  | do.....        | 26  | H. Goodwin <i>et al</i> ...  | do.....       | 13 | 52 00  |
| 74,370 | Village Belle.....  | Shelburne..... | 40  | Jas. Lennox <i>et al</i> ... | do.....       | 16 | 80 00  |
| 74,122 | Temple Bar.....     | Port Medway..  | 44  | Amb. D'Eon <i>et al</i> ...  | do.....       | 15 | 88 00  |
| 71,028 | Babarone.....       | Yarmouth.....  | 93  | Peter D'Eon <i>et al</i> ... | do.....       | 16 | 160 00 |
| 61,563 | Vidette.....        | Shelburne..... | 58  | Peter F. D'Eon <i>et al</i>  | W. Pubnico... | 17 | 116 00 |
| 74,332 | Proditor.....       | Yarmouth.....  | 54  | Zach. D'Eon <i>et al</i> ... | do.....       | 18 | 108 00 |
| 66,682 | Brisk.....          | do.....        | 67  | Léon D'Eon <i>et al</i> ...  | Pubnico.....  | 14 | 134 00 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*  
YARMOUTH COUNTY—*Concluded.*

| Official Number. | Name of Vessel.       | Port of Registry. | Tonnage. | Name of Owner or Managing Owner.            | Residence.     | No. of Crew. | Amount of Bounty Paid. |
|------------------|-----------------------|-------------------|----------|---|----------------|--------------|------------------------|
|                  |                       |                   |          |   |                |              | \$ cts.                |
| 66,879           | Diploma.....          | Yarmouth.....     | 64       | Louis D'Eon <i>et al.</i> ...               | Pubnico.....   | 18           | 128 00                 |
| 74,319           | Merino.....           | do.....           | 46       | R. Amiro <i>et al.</i> .....                | do.....        | 18           | 92 00                  |
| 71,034           | Vanguard.....         | do.....           | 47       | Charles Y. Amiro.....                       | do.....        | 15           | 94 00                  |
| 80,647           | Annie M. Bell.....    | do.....           | 64       | Aug. A. Amiro <i>et al.</i> .....           | do.....        | 17           | 128 00                 |
| 57,132           | Serene.....           | do.....           | 54       | James Amiro.....                            | do.....        | 18           | 108 00                 |
| 80,641           | Jonathan.....         | do.....           | 68       | David L. Amiro <i>et al.</i> .....          | do.....        | 18           | 136 00                 |
| 36,990           | A la Mode.....        | Lunenburg....     | 32       | Marc A. Amiro.....                          | do.....        | 13           | 64 00                  |
| 53,811           | Electric Flash.....   | Halifax.....      | 53       | David D'Entremont.....                      | do.....        | 18           | 106 00                 |
| 57,150           | Salvador.....         | Yarmouth.....     | 53       | Mat. D'Entremont<br><i>et al.</i> .....     | do.....        | 17           | 106 00                 |
| 74,323           | Regina.....           | do.....           | 57       | A. C. D'Entremont.....                      | do.....        | 17           | 114 00                 |
| 61,579           | Will-o'-the-Wisp..... | do.....           | 41       | J. D'Entremont <i>et al.</i> .....          | do.....        | 16           | 82 00                  |
| 66,681           | B. K. Kelly.....      | do.....           | 28       | R. D'Entremont <i>et al.</i> .....          | W. Pubnico.... | 13           | 56 00                  |
| 66,683           | Ballarose.....        | do.....           | 40       | L. A. D'Entremont.....                      | do.....        | 12           | 80 00                  |
| 75,748           | Anna McGee.....       | do.....           | 58       | J. B. J. D'Entremont<br><i>et al.</i> ..... | do.....        | 16           | 116 00                 |
| 71,030           | Arizona.....          | do.....           | 85       | S. D. D'Entremont<br><i>et al.</i> .....    | do.....        | 14           | 160 00                 |
| 51,972           | Lydia Ryder.....      | do.....           | 57       | A. L. D'Entremont<br><i>et al.</i> .....    | do.....        | 18           | 114 00                 |
| 71,007           | Alfrata.....          | do.....           | 48       | C. T. D'Entremont<br><i>et al.</i> .....    | do.....        | 17           | 96 00                  |
| 61,510           | Mansimable.....       | Shelburne.....    | 50       | I. D'Entremont <i>et al.</i> .....          | do.....        | 17           | 100 00                 |
| 61,595           | Anna Louisa.....      | do.....           | 40       | L. P. D'Entremont<br><i>et al.</i> .....    | do.....        | 18           | 80 00                  |
| 71,033           | Sabra Killam.....     | Yarmouth.....     | 56       | G. D. D'Entremont<br><i>et al.</i> .....    | do.....        | 12           | 112 00                 |
| 80,637           | Annie D.....          | do.....           | 71       | do do                                       | do.....        | 15           | 142 00                 |
| 66,710           | Pleiades.....         | do.....           | 38       | do do                                       | do.....        | 10           | 78 00                  |
| 37,010           | Nancy Anna.....       | do.....           | 35       | P. D. Surette <i>et al.</i> .....           | Pubnico.....   | 16           | 70 00                  |
| 52,000           | J. and J. Locke.....  | do.....           | 55       | do do                                       | do.....        | 12           | 119 00                 |
| 71,037           | River Rose.....       | do.....           | 53       | Benj. Leblanc <i>et al.</i> .....           | Tusket Wedge   | 18           | 106 00                 |
| 80,646           | Emma S.....           | do.....           | 102      | do do                                       | do.....        | 21           | 160 00                 |
| 85,535           | Sigefroi.....         | do.....           | 40       | J. H. Porter & Co.<br><i>et al.</i> .....   | do.....        | 13           | 80 00                  |
| 80,632           | Lumen.....            | do.....           | 30       | do do                                       | do.....        | 10           | 60 00                  |
| 80,614           | Louise.....           | do.....           | 85       | do do                                       | do.....        | 21           | 160 00                 |
| 57,101           | Young Scotland.....   | do.....           | 47       | do do                                       | do.....        | 14           | 94 00                  |
| 71,005           | Kelso.....            | do.....           | 111      | do do                                       | do.....        | 16           | 160 00                 |
| 75,724           | Sea Foam.....         | do.....           | 75       | do do                                       | do.....        | 14           | 150 00                 |
| 66,675           | Olika.....            | do.....           | 53       | do do                                       | do.....        | 16           | 106 00                 |
| 80,643           | Hazel Dell.....       | do.....           | 87       | S. L. Oliver & Co....                       | do.....        | 14           | 160 00                 |
| 71,035           | Precursor.....        | do.....           | 46       | G. D. D'Entremont<br><i>et al.</i> .....    | do.....        | 17           | 92 00                  |
|                  | Totals.....           |                   | 31,176   |   |                | 6,238        | 55,544 00              |



## DETAILED STATEMENT of Fishing Bounties paid to Vessels, for the Year 1883.

PROVINCE OF NEW BRUNSWICK.  
CHARLOTTE COUNTY.

| Official Number. | Name of Vessel.      | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.        | No. of Crew. | Amount of Bounty Paid. |
|------------------|----------------------|-------------------|----------|----------------------------------|-------------------|--------------|------------------------|
| 59,397           | Helen C. Young....   | St. Andrews...    | 21       | J. E. & T. W. Stuart             | Deer Island....   | 8            | \$ 42 00               |
| 59,326           | Maude Holmes .....   | do .....          | 21       | Wallace Stuart <i>et al</i>      | do .....          | 7            | 42 00                  |
| 35,338           | Caroline .....       | do .....          | 18       | Jas. M. Lord <i>et al</i> ...    | do .....          | 5            | 36 00                  |
| 59,388           | Letitia .....        | do .....          | 10       | Alfred Johnson.....              | do .....          | 4            | 20 00                  |
| 79,963           | Freeman Colgate...   | do .....          | 26       | A. and G. English.               | do .....          | 7            | 52 00                  |
| 59,311           | Blooming Rose .. ..  | do .....          | 19       | Aaron Cook .....                 | do .....          | 5            | 38 00                  |
| 83,472           | Linden.....          | do .....          | 12       | Benjamin Parker ...              | do .....          | 2            | 24 00                  |
| 51,734           | Lavina.....          | do .....          | 13       | Luther Mathews.....              | Latête .....      | 5            | 28 00                  |
| 83,475           | Jennie .....         | do .....          | 11       | Lincoln Richardson...            | Deer Island....   | 3            | 22 00                  |
| 83,474           | Letter B.....        | do .....          | 12       | David Kelly.....                 | Latête .....      | 3            | 24 00                  |
| 59,377           | Xantho.....          | do .....          | 23       | L. B. Mitchell .....             | St. Patrick ..... | 4            | 46 00                  |
| 59,395           | Little Minnie.....   | do .....          | 11       | George Douglas .....             | Latête .....      | 3            | 22 00                  |
| 77,961           | Medora .....         | do .....          | 23       | R. Rose & W. Clark               | St Andrews...     | 7            | 46 00                  |
| 80,882           | Ella Mabel.....      | do .....          | 14       | do do .....                      | do .....          | 4            | 28 00                  |
| 83,462           | Beauty.....          | do .....          | 26       | do do .....                      | do .....          | 5            | 52 00                  |
| 83,476           | Mabel.....           | do .....          | 11       | do do .....                      | do .....          | 3            | 22 00                  |
| 83,478           | Argyle.....          | do .....          | 10       | do do .....                      | do .....          | 4            | 20 00                  |
| 80,883           | Ocean Queen.....     | do .....          | 21       | do do .....                      | do .....          | 6            | 42 00                  |
| 80,034           | Mabel.....           | do .....          | 12       | A. Lamb & J. Watson              | do .....          | 4            | 24 00                  |
| 77,969           | Wave Queen .....     | do .....          | 11       | William McMahon..                | do .....          | 5            | 22 00                  |
| 59,373           | E. M. Oliver .....   | do .....          | 14       | Jas. & W. J. Oliver              | do .....          | 6            | 28 00                  |
| 59,387           | Telephone .....      | do .....          | 19       | Joseph McGee .....               | do .....          | 6            | 38 00                  |
| 59,342           | Lizzie S. McGee....  | do .....          | 14       | Andrew McGee.....                | Pack Bay.....     | 5            | 28 00                  |
| 51,748           | Frank L. Dixon ..... | do .....          | 18       | E. & G. Greason....              | Maccan.....       | 2            | 36 00                  |
| 59,399           | Leona .....          | do .....          | 12       | J. A. Wentworth ..               | Latête.....       | 3            | 24 00                  |
| 80,881           | Lena May .....       | do .....          | 18       | Edward Mathews...                | do .....          | 7            | 36 00                  |
| 59,383           | Pilgrim's Progress.  | do .....          | 11       | John & Jos. Holmes               | do .....          | 5            | 22 00                  |
| 83,464           | Little Annie.....    | do .....          | 19       | Jacob Cook .....                 | do .....          | 7            | 38 00                  |
| 83,463           | Havelock.....        | do .....          | 33       | William James.....               | Campobello....    | 4            | 66 00                  |
| 77,967           | Naomi .....          | do .....          | 14       | do .....                         | do .....          | 3            | 28 00                  |
| 77,965           | Lydia B.....         | do .....          | 12       | W. & J. M. Calder.               | do .....          | 4            | 24 00                  |
| 35,348           | Helen .....          | do .....          | 18       | William Akers.....               | do .....          | 4            | 36 00                  |
| 59,372           | Sea Flower.....      | do .....          | 11       | George Mulholland                | do .....          | 4            | 22 00                  |
| 38,141           | Liberal.....         | St. John .....    | 26       | John Mitchell <i>et al</i> .     | do .....          | 5            | 52 00                  |
| 59,321           | Little Nell.....     | St. Andrews...    | 21       | Wm. McLellan, jun                | do .....          | 5            | 42 00                  |
| 59,346           | A. J. Malloch .....  | do .....          | 21       | Isaac Malloch.....               | do .....          | 5            | 42 00                  |
| 75,594           | Lizzie G.....        | Digby, N.S.....   | 16       | George Scofield....              | Grand Manan.      | 5            | 32 00                  |
| 42,096           | Ada.....             | do .....          | 29       | Wm. S. Guptill.....              | do .....          | 3            | 58 00                  |
| 59,364           | Alice.....           | St. Andrews...    | 10       | Barrington Guptill               | do .....          | 3            | 20 00                  |
| 51,966           | Friendly .....       | Digby, N.S.....   | 18       | Henry Burnham....                | do .....          | 3            | 36 00                  |
| 35,393           | Flash.....           | St. Andrews...    | 11       | Isaac Newton.....                | do .....          | 5            | 22 00                  |
| 80,002           | John A. Ruddock...   | St. John.....     | 10       | John R. Moses.....               | do .....          | 3            | 20 00                  |
| 59,334           | Rival .....          | St. Andrews...    | 27       | E. A. Calder.....                | do .....          | 4            | 54 00                  |
| 83,470           | Gazelle .....        | do .....          | 36       | Frederick Cronk...               | do .....          | 10           | 72 00                  |
| 59,365           | Union.....           | do .....          | 13       | W. J. & Geo. Morse               | do .....          | 3            | 26 00                  |
| 75,591           | Rise and Go.....     | Digby, N.S.....   | 16       | William Sirls.....               | do .....          | 5            | 32 00                  |
| 59,375           | Cadet .....          | St. Andrews...    | 13       | Charles Savage <i>et al</i>      | do .....          | 4            | 26 00                  |
| 64,029           | Norman B.....        | Digby, N.S.....   | 20       | Paul Enas.....                   | Wilson Beach.     | 4            | 40 00                  |
| 83,468           | Village Belle.....   | St. Andrews...    | 15       | John M. Wilson.....              | Campobello....    | 3            | 30 00                  |
| 75,599           | Blue Jay.....        | Digby, N.S.....   | 14       | John Phinney.....                | do .....          | 3            | 28 00                  |
| 59,357           | Silver Bell.....     | St. Andrews...    | 13       | Alex. Malloch.....               | do .....          | 3            | 26 00                  |
| 38,109           | Mary .....           | Yarmouth, N.S.    | 16       | James Thompson...                | Black's Harbor    | 3            | 32 00                  |
| 59,319           | Brisk .....          | St. Andrews...    | 20       | Alf. & Ed. Wadlin.               | Beaver Harbor     | 3            | 40 00                  |
| 80,803           | Exenia.....          | Windsor, N.S..    | 18       | W. F. Parker <i>et al</i>        | do .....          | 4            | 36 00                  |
| 59,329           | Rebecca.....         | St. Andrews...    | 13       | Milton Eldridge <i>et al</i>     | do .....          | 4            | 26 00                  |
| 52,065           | Adelia.....          | Windsor, N.S..    | 17       | Elias Wright <i>et al</i> ..     | do .....          | 3            | 34 00                  |
| 59,394           | Hattie.....          | St. Andrews...    | 10       | Charles Harkins....              | Dipper Harbor     | 3            | 20 00                  |

## DETAILED STATEMENT of Fishing Bounties paid to Vessels, &amp;c.—New Brunswick—Con.

## CHARLOTTE COUNTY—Concluded.

| Official Number. | Name of Vessel.     | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence       | No. of Crew. | Amount of Bounty Paid. |
|------------------|---------------------|-------------------|----------|----------------------------------|-----------------|--------------|------------------------|
|                  |                     |                   |          |                                  |                 |              | \$ cts.                |
| 59,125           | Mount Whatley.....  | St. John.....     | 28       | Hugh Belmore.....                | Dipper Haven    | 4            | 56 00                  |
| 77,968           | Empress .....       | St. Andrews...    | 14       | Michael Caffary....              | do .....        | 3            | 28 00                  |
| 64,043           | Lily .....          | Digby, N.S....    | 19       | Wm. & A. Cassidy..               | New River.....  | 7            | 38 00                  |
| 64,011           | Bee .....           | do .....          | 12       | Robert Shaw, sen...              | Lepreaux .....  | 5            | 24 00                  |
| 52,174           | Pilot .....         | St. John.....     | 12       | William Oline. ....              | Deer Island.... | 2            | 24 00                  |
| 80,888           | B. R. Stevenson.... | St. Andrew's..    | 17       | J. W. Appleby.....               | do .....        | 5            | 34 00                  |
| 77,966           | Polly .....         | do .....          | 11       | George Ray.....                  | do .....        | 4            | 22 00                  |
| 83,469           | Austin P .....      | do .....          | 12       | Lincoln Richardson               | do .....        | 4            | 24 00                  |
| 59,393           | Fannie .....        | do .....          | 13       | George Leonards...               | do .....        | 5            | 26 00                  |
| 35,419           | Nautilus.....       | do .....          | 19       | Henry C. Harris. ...             | Bear River, N.S | 4            | 38 00                  |
| 35,350           | Sarah .....         | do .....          | 19       | Thomas Barry.....                | St. George..... | 3            | 38 00                  |
| 59,400           | Foam Belle .....    | do .....          | 10       | Thomas Killworth..               | Sealley's Cove  | 3            | 20 00                  |
| 83,461           | Josie L. Day.....   | do .....          | 16       | Peter Dixon.....                 | Grand Manan..   | 3            | 32 00                  |
| 38,260           | Genuine.....        | Yarmouth, N.S     | 27       | George Leonard....               | Deer Island.... | 7            | 54 00                  |

## GLOUCESTER COUNTY.

|        |                     |              |    |                            |                |   |       |
|--------|---------------------|--------------|----|----------------------------|----------------|---|-------|
| 61,442 | Marie Cecile.....   | Chatham..... | 15 | Oliver Duguay.....         | Lameque .....  | 3 | 30 00 |
| 61,445 | Flavie .....        | do .....     | 13 | Théophile Duguay..         | do .....       | 3 | 26 00 |
| 61,447 | Merida .....        | do .....     | 13 | André Hache .....          | do .....       | 4 | 26 00 |
| 61,446 | Esperance.....      | do .....     | 10 | Wm. Fruing & Co..          | Shippegan..... | 3 | 20 00 |
| 72,079 | Betsey .....        | do .....     | 13 | Cyrenus Gionet .....       | do .....       | 3 | 26 00 |
| 61,431 | Bee .....           | do .....     | 11 | Paul Noel .....            | Lameque .....  | 3 | 22 00 |
| 74,401 | Sara .....          | do .....     | 11 | Nazaire Noel.....          | do .....       | 3 | 22 00 |
| 72,099 | Adelina .....       | do .....     | 12 | Auguste Poulin....         | do .....       | 5 | 24 00 |
| 72,100 | Marie .....         | do .....     | 12 | Onesime Chiasson..         | do .....       | 2 | 24 00 |
| 61,437 | Flying Fish .....   | do .....     | 11 | Lévi Chiasson.....         | do .....       | 3 | 22 00 |
| 38,720 | Sophia .....        | do .....     | 25 | Ubalde Landry.....         | Grand Anse.... | 3 | 50 00 |
|        | Jean .....          | do .....     | 13 | Dominique Gallien.         | Caraquet.....  | 3 | 26 00 |
| 85,692 | Mary .....          | do .....     | 11 | Joseph Gionet .....        | do .....       | 4 | 22 00 |
| 61,406 | Reward.....         | do .....     | 11 | Alex. Rive & Co....        | do .....       | 4 | 22 00 |
| 61,409 | Bellemont.....      | do .....     | 13 | Angus McLean .....         | do .....       | 2 | 26 00 |
| 85,694 | Arrow .....         | do .....     | 14 | Timothy Daley <i>et al</i> | Bathurst ..... | 4 | 28 00 |
| 85,695 | Epopt.....          | do .....     | 14 | J. H. Mann .....           | do .....       | 3 | 28 00 |
| 61,432 | Alice .....         | do .....     | 11 | Moses Dignard. ....        | Tracadie.....  | 3 | 22 00 |
| 72,082 | Marie C. Josephine. | do .....     | 13 | Laurent Metayer....        | do .....       | 2 | 26 00 |

## KENT COUNTY

|        |                     |                               |    |                      |                |   |       |
|--------|---------------------|-------------------------------|----|----------------------|----------------|---|-------|
| 66,257 | Ino .....           | Charlottet'wn,<br>P.E.I. .... | 18 | James W. Forster...  | Richibucto.... | 3 | 36 00 |
| 75,892 | Peter Mitchell..... | Chatham .....                 | 26 | do .....             | do .....       | 5 | 42 00 |
| 71,303 | Finn .....          | Richibucto....                | 11 | Philip Funnigan....  | do .....       | 4 | 22 00 |
| 43,124 | Industry .....      | Chatham.....                  | 17 | John Curwin .....    | do .....       | 4 | 34 00 |
| 61,412 | Favorite .....      | do .....                      | 20 | Thos. McNeil, sen... | do .....       | 2 | 40 00 |
| 38,757 | Merit .....         | do .....                      | 18 | Edward Mundy .....   | do .....       | 2 | 36 00 |
| 61,428 | Mab .....           | do .....                      | 13 | Jude Robicheau....   | do .....       | 3 | 26 00 |
| 71,308 | Sea Mouse.....      | Richibucto....                | 10 | John Doucette.....   | Kingston.....  | 4 | 20 00 |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c., Nova Scotia.—*Con.*

## NORTHUMBERLAND COUNTY.

| Official Number. | Name of Vessel.  | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.     | No. of Crew. | Amount of Bounty Paid. |
|------------------|------------------|-------------------|----------|----------------------------------|----------------|--------------|------------------------|
| 72,091           | White Wing.....  | Chatham.....      | 20       | T. B. Williston.....             | Bay du Vin.... | 6            | 40 00                  |
| 66,724           | Nettie Cole..... | Liverpool, N.S.   | 14       | A. & J. Adams.....               | .....          | 3            | 28 00                  |
|                  |                  |                   |          |                                  |                |              | \$ cts.                |

## RESTIGOUCHE COUNTY.

|        |                |              |    |                   |                |   |       |
|--------|----------------|--------------|----|-------------------|----------------|---|-------|
| 85,693 | May Ellen..... | Chatham..... | 12 | Edward Doyle..... | Restigouche... | 2 | 24 00 |
| 80,950 | Jessie.....    | do.....      | 14 | Simon McGregor... | Charlo.....    | 3 | 28 00 |

## ST. JOHN COUNTY.

|        |                     |                |      |                               |                 |     |          |
|--------|---------------------|----------------|------|-------------------------------|-----------------|-----|----------|
| 69,148 | Minnie.....         | St. John.....  | 24   | Issac R. Noble.....           | St. John.....   | 4   | 48 00    |
| 79,993 | Humming Bird.....   | do.....        | 18   | do.....                       | do.....         | 3   | 36 00    |
| 69,353 | Civilian.....       | St. Andrews..  | 24   | do.....                       | do.....         | 4   | 48 00    |
| 52,159 | Mary E.....         | St. John.....  | 21   | Fred. Buchanan....            | Carleton.....   | 4   | 42 00    |
| 66,926 | Emma.....           | do.....        | 13   | D. & J. Thompson..            | Chance Harb'r   | 5   | 26 00    |
| 35,331 | Victory.....        | St. Andrews..  | 16   | Frank Campbell....            | Dipper Harbor   | 4   | 32 00    |
| 74,308 | Bald Eagle.....     | Yarmouth, N.S. | 14   | James Wilson.....             | Portland.....   | 4   | 28 00    |
| 42,087 | Two Sisters.....    | Digby, N.S.... | 14   | Thos. Wilson <i>et al.</i>    | Pisarinco.....  | 4   | 28 00    |
| 72,192 | Ada.....            | St. John.....  | 19   | R. McLaren <i>et al.</i> ..   | St. John.....   | 4   | 38 00    |
| 59,370 | Sparkling Biliow... | St. Andrews..  | 25   | James W. Belyea..             | do.....         | 5   | 50 00    |
| 72,272 | Bertha.....         | St. John.....  | 15   | Johanna McDewitt              | Carleton.....   | 3   | 30 00    |
| 57,171 | Anna Bell.....      | St. Andrews..  | 19   | Henry Alston <i>et al.</i>    | Pisarinco.....  | 4   | 38 00    |
| 57,181 | Hattie.....         | Windsor, N.S.  | 13   | H. B. Cunningham..            | do.....         | 3   | 26 00    |
| 79,977 | Amanda Green.....   | St. John.....  | 15   | Samuel Hutton.....            | Carleton.....   | 5   | 30 00    |
| 59,313 | U. S. Grant.....    | Yarmouth, N.S. | 32   | Robt. & J. Hutton..           | St. John.....   | 5   | 64 00    |
| 80,093 | Anna K.....         | St. John.....  | 14   | William Spence.....           | Portland.....   | 3   | 28 00    |
| 85,961 | Ella.....           | do.....        | 13   | J. & G. Silliphant.           | do.....         | 2   | 26 00    |
| 72,321 | Widgeon.....        | do.....        | 10   | William Hodd, sen.            | St. John.....   | 2   | 20 00    |
| 85,503 | George P. Taylor... | do.....        | 14   | Elijah S. Toole <i>et al.</i> | Carleton.....   | 3   | 28 00    |
| 75,901 | Kate Wilson.....    | Dorchester.... | 85   | George R. Ellis.....          | St. John.....   | *1  | 88 00    |
| 83,428 | Louisa.....         | St. John.....  | 16   | George L. Young...            | St. George..... | †1  | 19 20    |
| 59,156 | Tom.....            | do.....        | 14   | Peter & Jas. Boyle.           | Musquash.....   | 5   | 28 00    |
| 85,972 | Dove.....           | do.....        | 11   | Samuel G. McGuire             | Pisarinco, W..  | 5   | 22 00    |
| 88,253 | E. B. Colwell.....  | do.....        | 19   | Alward N. Harned.             | Carleton.....   | 3   | 38 00    |
|        | Totals .....        |                | 2107 |                               |                 | 496 | 4,119 20 |

\*Balance of crew (9) belonged to Newfoundland and not paid a bounty. †Balance of crew (4) did not fish the three months.

## DETAILED STATEMENT of Fishing Bounties paid to Vessels, for the Year 1883.

## PRINCE EDWARD ISLAND.

## KINGS COUNTY.

| Official Number. | Name of Vessel.    | Port of Registry. | Tonnage. | Name of Owner or Managing Owner. | Residence.    | No. of Crew. | Amount of Bounty Paid. |
|------------------|--------------------|-------------------|----------|----------------------------------|---------------|--------------|------------------------|
|                  |                    |                   |          |                                  |               |              | \$ cts.                |
| 80,915           | Lily Bank.....     | Charlottetown     | 18       | Amos Landry <i>et al.</i>        | Montague..... | 5            | 32 00                  |
| 80,937           | Montague.....      | do                | 16       | Charles Hayden....               | do            | 4            | 32 00                  |
| 75,481           | Julia Ward.....    | do                | 39       | William Herring....              | Murray Harbor | 5            | 78 00                  |
| 66,242           | Amorette.....      | do                | 18       | Peter Roberts.....               | do            | 3            | 36 00                  |
| 74,009           | Pocahontas.....    | do                | 45       | Daniel Gordon.....               | Georgetown... | *2           | 51 92                  |
| 80,934           | Harriet Torry..... | do                | 59       | James McBride.....               | .....         | †1           | 63 22                  |

## PRINCE COUNTY.

|        |                    |                          |    |                              |               |   |       |
|--------|--------------------|--------------------------|----|------------------------------|---------------|---|-------|
| 71,302 | Alice .....        | Richibucto, N.B.         | 10 | Wm. Wagner <i>et al.</i>     | Tignish.....  | 7 | 20 00 |
| 75,489 | Reality.....       | Charlottetown            | 39 | A. J. McFadyen <i>et al.</i> | do            | 3 | 78 00 |
| 55,528 | Mary Ellen.....    | Pictou, N.S....          | 22 | Ira Hurst.....               | Summerside... | 2 | 44 00 |
| 71,494 | May Queen.....     | Charlottetown            | 11 | Joseph Palmer.....           | Lot 10.....   | 4 | 22 00 |
| 61,426 | Marianne.....      | Chatham, N.B.            | 14 | John Coughlan.....           | Campbellton.. | 5 | 28 00 |
| 78,048 | Jennie May.....    | do                       | 19 | Donald Handrahan             | Alberton..... | 4 | 38 00 |
| 80,940 | Western Light..... | Charlottetown            | 49 | John A. Matheson.            | Campbellton.. | 4 | 98 00 |
| 63,348 | Carrier Dove.....  | St. Andrews,<br>N.B..... | 45 | M. McLeod, <i>et al.</i> ... | Summerside... | 6 | 90 00 |

## QUEEN'S COUNTY.

|        |                 |               |     |                    |               |    |        |
|--------|-----------------|---------------|-----|--------------------|---------------|----|--------|
| 83,226 | Mary Queen..... | Charlottetown | 22  | G. D. Longworth... | Charlottetown | 4  | 44 00  |
| 38,722 | Onward.....     | do            | 26  | William Carpenter. | Rustico.....  | 7  | 52 00  |
|        | Totals.....     |               | 450 |                    |               | 66 | 807 14 |

\*Balance of crew (11) did not fish three months. †Balance of crew (13) did not fish three months.

## DETAILED STATEMENT of Fishing Bounties paid to Vessels, for the Year 1883.

## PROVINCE OF QUEBEC.

## GASPÉ COUNTY.

| Official Number | Name of Vessel.      | Port of Registry.             | Tonnage. | Name of Owner or Managing Owner. | Residence.      | No. of Crew. | Amount of Bounty Paid. |
|-----------------|----------------------|-------------------------------|----------|----------------------------------|-----------------|--------------|------------------------|
| 73,022          | Lédée Adele.....     | Amherst, M.I..                | 50       | Naz. Jomphe <i>et al.</i> ..     | House Harbor.   | 8            | \$ cts.<br>100 00      |
| 77,604          | E. D. Myra.....      | Lunenburg, NS                 | 43       | F. H. Delaney <i>et al.</i>      | do .....        | 9            | 86 00                  |
| 73,491          | Mary Jane.....       | Amherst, M.I..                | 47       | Jean Arseneau <i>et al.</i>      | Magdalen Isl's  | 7            | 94 00                  |
| 55,642          | Delaney.....         | do .....                      | 44       | Camille Delaney....              | House Harbor.   | 8            | 88 00                  |
| 73,025          | Marie Euphrosyne..   | do .....                      | 39       | Nectaire Arseneau..              | do .....        | 7            | 78 00                  |
| 73,495          | Canadienne .....     | do .....                      | 53       | do <i>et al.</i>                 | do .....        | 8            | 106 00                 |
| 73,492          | Thirza .....         | do .....                      | 14       | J. Nelson Arseneau               | do .....        | 3            | 28 00                  |
| 54,082          | Pheasant .....       | do .....                      | 31       | do .....                         | do .....        | 6            | 62 00                  |
| 77,612          | Gold Hunter.....     | do .....                      | 41       | do <i>et al.</i>                 | do .....        | 8            | 82 00                  |
| 80,929          | J. N. A.....         | do .....                      | 63       | do do                            | do .....        | 10           | 126 00                 |
| 55,644          | Lion .....           | do .....                      | 42       | Vital Richard <i>et al.</i>      | do .....        | 6            | 84 00                  |
| 73,027          | Una .....            | do .....                      | 41       | P. Turbide <i>et al.</i> ....    | do .....        | 7            | 82 00                  |
| 75,587          | Mary Ann Bell.....   | Lunenburg, NS                 | 32       | V. Theriault <i>et al.</i> ...   | do .....        | 9            | 64 00                  |
| 73,024          | Marie Enesie.....    | Amherst, M.I..                | 47       | Wm. G. Leslie.....               | do .....        | 6            | 94 00                  |
| 73,021          | Marie Annie.....     | do .....                      | 46       | Wm. Terrieau <i>et al.</i>       | do .....        | 7            | 92 00                  |
| 73,029          | F. P. T.....         | do .....                      | 41       | P. Turbide <i>et al.</i> ....    | do .....        | 9            | 82 00                  |
| 75,814          | East Lynn.....       | Halifax, N.S...               | 35       | Isaac E. Arseneau..              | do .....        | 10           | 70 00                  |
| 74,177          | Dauntless.....       | Charlottetown<br>P. E. I..... | 12       | Gilbert Cormier....              | Aubert, M.I.... | 2            | 24 00                  |
| 38,351          | Nancy .....          | Arichat, N.S...               | 16       | Thadee Cormier.....              | do .....        | 5            | 32 00                  |
| 42,800          | Cutter.....          | Amherst, M.I..                | 27       | Lucien Cormier.....              | do .....        | 3            | 54 00                  |
| 73,494          | Marie Dolorosa ..... | do .....                      | 44       | André Devaux.....                | do .....        | 8            | 88 00                  |
| 71,357          | Emma Gidney.....     | Halifax, N.S...               | 47       | Damien Devaux.....               | do .....        | 8            | 94 00                  |
| 73,493          | Marie Joseph.....    | Amherst, M.I..                | 55       | David Lapierre.....              | Basin, M.I..... | 6            | 110 00                 |
| 85,391          | Esperance .....      | do .....                      | 30       | Celestin Boudreau..              | Aubert, M.I.... | 7            | 60 00                  |
| 69,383          | Speedwell .....      | Gaspé.....                    | 34       | Simeon Mabe <i>et al.</i> ..     | Malbaie.....    | 3            | 68 00                  |
| 33,622          | Admiral .....        | do .....                      | 60       | Joseph Tripp.....                | S-W. Arm .....  | 16           | 120 00                 |
| 64,856          | Cora May.....        | Magdalen Isl's                | 42       | Jean N. Arseneau..               | House Harbor.   | 8            | 84 00                  |

## SAGUENAY COUNTY.

|        |                           |                 |    |                                |                 |    |        |
|--------|---------------------------|-----------------|----|--------------------------------|-----------------|----|--------|
| 73,026 | Ste. Anne.....            | Amherst, M.I..  | 20 | Narcisse Harvé <i>et al.</i>   | Betchouan ..... | 5  | 40 00  |
| 69,382 | Marie du Sacré-Cœur ..... | Gaspé.....      | 46 | Onésime Turbie....             | Pt. Esquimaux   | 9  | 92 00  |
| 77,865 | Gorilla.....              | Quebec .....    | 41 | V. Boudreau & Frère            | do .....        | 9  | 82 01  |
| 77,616 | McK .....                 | Lunenburg, NS   | 39 | Julien Boudreau .....          | do .....        | 9  | 78 00  |
| 80,754 | Eugenie .....             | Quebec .....    | 48 | Amadee Vigneau .....           | do .....        | 8  | 96 00  |
| 37,591 | Triomphe.....             | Lunenburg, NS   | 24 | N. Cormier & Frère             | do .....        | 8  | 44 00  |
| 59,909 | Elizabeth.....            | Quebec .....    | 27 | Luc Cormier.....               | do .....        | 6  | 54 00  |
| 42,434 | Marguerite .....          | Gaspé.....      | 27 | Jean Cormier <i>et al.</i> ..  | do .....        | 7  | 54 00  |
| 42,436 | Amelia .....              | do .....        | 50 | Paul Cormier.....              | do .....        | 9  | 100 00 |
| 74,092 | I. M. G. Campbell.        | Halifax, N.S... | 15 | Xavier Arseneau....            | do .....        | 5  | 30 00  |
| 69,380 | Marie Anne.....           | Gaspé.....      | 36 | Dominique Landry..             | do .....        | 8  | 72 00  |
| 77,866 | Pioneer.....              | Quebec .....    | 39 | Charles Lebrun.....            | do .....        | 10 | 78 00  |
| 61,966 | D. Cronan.....            | Halifax, N.S... | 40 | Peter LeMarquand..             | do .....        | 7  | 80 00  |
| 83,370 | C. M. G. P.....           | Quebec .....    | 46 | Geo Picard & Fils.             | do .....        | 10 | 92 00  |
| 75,679 | Gleaner.....              | do .....        | 40 | Benjamin Landry...<br>do ..... | do .....        | 8  | 80 00  |
| 75,445 | Phœnix.....               | Gaspé.....      | 28 | Vigneau & Frère....            | do .....        | 8  | 56 00  |
| 75,680 | Sea Star.....             | Quebec .....    | 52 | Jude Poirier <i>et al.</i> ... | Betchouan ..... | 10 | 104 00 |
| 42,437 | Progress.....             | Gaspé.....      | 52 | Vital Boudreau.....            | Pt. Esquimaux   | 9  | 104 00 |
| 85,760 | H. B.....                 | Quebec.....     | 57 | Hypolite Boudreau              | do .....        | 10 | 114 00 |
| 80,753 | Stella Maris.....         | do .....        | 50 | L. Cummings & Co.              | do .....        | 10 | 100 60 |
| 57,742 | Acara .....               | Halifax, N.S... | 30 | Frederick Jomphe..             | do .....        | 7  | 60 00  |

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c. —Quebec—*Conclude 1.*SAGUENAY COUNTY—*Concluded.*

| Official Number. | Name of Vessel.       | Port of Registry. | Tonnage. | Name of Owner or Managing Owner    | Residence.     | No. of Crew. | Amount of Bounty Paid. |
|------------------|-----------------------|-------------------|----------|------------------------------------|----------------|--------------|------------------------|
| 69,591           | Ste. Marie .....      | Quebec .....      | 37       | Alex. Scherer .....                | Pt. Esquimaux  | 10           | \$ 74 00               |
| 85,783           | Java .....            | do .....          | 46       | Dominique Cormier .....            | do .....       | 9            | 92 00                  |
| 85,754           | Florida .....         | do .....          | 26       | Hyp. Bourque <i>et al.</i> .....   | Natashquan...  | 6            | 52 00                  |
| 83,352           | Ste. Anne .....       | do .....          | 18       | Pierre Brochu .....                | Sept Isles...  | 4            | 36 00                  |
| 42,435           | Labrador .....        | Gaspé .....       | 43       | Placide Doyle .....                | Pt. Esquimaux  | 9            | 86 00                  |
| 59,468           | Busy .....            | Quebec .....      | 39       | André Vigneau <i>et al.</i> .....  | do .....       | 6            | 78 00                  |
| 64,990           | Marie St. Croix ..... | do .....          | 17       | Joseph Fortin .....                | L'Islet....    | 2            | 34 00                  |
| 83,360           | Ste. Anne .....       | do .....          | 13       | Emile Fraser <i>et al.</i> .....   | Green Island.  | 4            | 26 00                  |
| 85,459           | Florida .....         | do .....          | 13       | William Michaud .....              | do .....       | 3            | 26 00                  |
| 85,756           | Aristile .....        | do .....          | 19       | Placide Talbot <i>et al.</i> ..... | Natashquan...  | 4            | 38 00                  |
| 80,755           | La Marina .....       | do .....          | 18       | Laurent Gallant .....              | Riv. Ganahiste | 5            | 36 00                  |
| 69,384           | Ice Bird .....        | Gaspé .....       | 29       | Elie Lavoie .....                  | Pt. Esquimaux  | 9            | 78 00                  |
|                  | Totals .....          |                   | 2209     |                                    |                | 437          | 4,418 01               |

## RECAPITULATION.

|                            | Tonnage. | Crew No. | Bounty Paid. |
|----------------------------|----------|----------|--------------|
| Nova Scotia .....          | 31,176   | 6,238    | 55,544 00    |
| New Brunswick .....        | 2,107    | 496      | 4,119 20     |
| Prince Edward Island ..... | 450      | 66       | 807 14       |
| Quebec .....               | 2,209    | 437      | 4,418 01     |
| Totals .....               | 35,942   | 7,237    | 64,888 35    |



No. 2.

NOVA SCOTIA.

ANNUAL REPORT ON THE FISHERIES OF NOVA SCOTIA FOR THE YEAR 1884, BY W. H. ROGERS, ESQ., INSPECTOR.

AMHERST, N.S., 31st December, 1884.

Hon. A. W. McLELAN,  
Minister of Marine and Fisheries.

SIR,—In submitting my report on the fisheries of Nova Scotia for the year just closed, I am pleased to be able to point to encouraging evidence of future increase, as well as a very largely improved yield for the past over any preceding year since the confederation of the Provinces, if not in the entire history of Nova Scotia. Prominent among the causes of this encouraging growth of our fishing interests, I hope to be able to show the work of your Department in protecting and cultivating our inland or river fish, no less than the inducements held out to the people to engage in this profitable industry, in bounties and in offering every encouragement and aid in the improvement of fishing appliances. The mackerel trap, which was introduced in the Counties of Shelburne and Yarmouth about the year 1870, amid much opposition, is rapidly coming into general use, and its advantages are not only being seen in the increased catch of mackerel, but also in that of herring and other fish, and indirectly in the regular and abundant supply of bait to the line fishermen.

The entire crop for the present year, at the prices uniformly given in these returns, amounts to \$8,763,779.36, being an increase of \$1,074,404.61, or about 14 per cent. over the previous year. The profits of the business, in consequence of the small prices obtained and the dullness of the markets, have been small, and our fishermen on many parts of the coast have a gloomy winter before them. I do not, however, anticipate much actual suffering.

The increase is confined chiefly to the four items following:—

|                      |            |
|----------------------|------------|
| Mackerel, about..... | \$ 660,000 |
| Cod " .....          | 270,000    |
| Herring " .....      | 230,000    |
| Lobsters " .....     | 70,000     |

These estimates include both Cape Breton and Nova Scotia proper. The river fisheries in both sections of the Province are rapidly improving, as the following facts and figures, the general accuracy of which I am prepared to say may fully be relied upon, will prove:—

SALMON.

This kind of fish, regarding whose movements and prospects there has been much controversy for some few years past, is behaving just about as I have always contended it would, and is subject to the same general laws of atmosphere and weather which influence the movements of all other fish, and which affect adversely or otherwise their annual or periodical productiveness. That there has been an annual



decline in the quantity of these fish taken all along the northern coast of the Atlantic, from Hudson's Bay to Cape Hatteras, no man can deny, and, because of this decline, many persons have been very freely and dogmatically predicting a speedy annihilation of our salmon fishery, and point to certain local abuses as the cause, and that because the few millions of fry put into the streams, from two or three small hatcheries, have not only not prevented the ebb-tide in our salmon product but have not caused a great boom, fish-culture, as conducted in Canada, is a failure. With such views I have no sympathy. On the contrary, I am fully satisfied that all the visible results that any person, having any accurate knowledge of salmon fisheries in this or any other country could expect, are to be seen, at all events in some of the rivers of this Province. The difficulty with these people is that they have been expecting altogether too much without looking into the subject.

I claim that much has been done towards the increase in this fishery by the protection during the close season, and in the opening of the mill-dams for the easy ascent of the fish to their natural spawning grounds. I am ready to admit that the hatcheries have contributed their small percentage to the general improvement as above referred to, and I expect before many years, a much larger crop of salmon than has ever been taken in the Province.

The salmon crop of Nova Scotia and Cape Breton has been for the years—

|           | Lbs.    |
|-----------|---------|
| 1880..... | 383,550 |
| 1881..... | 279,943 |
| 1882..... | 580,061 |
| 1883..... | 575,940 |
| 1884..... | 730,984 |

So that we are clearly on the flood-tide of increase, which, I think, is likely to continue for some time yet, with probable slight annual fluctuations, caused, not so much by the scarcity or abundance of fish, but by the influence of the weather upon the modes of catching them.

The protection of the salmon fishery from the operations of the poacher, and the opening of the mill-dams as rapidly as possible for the easy ascent of the fish to their natural spawning beds, are essential, if a continued improvement is looked for. Artificial culture, properly and economically conducted, for the purpose of restocking rivers, entirely depleted of fish, as in the case of Wallace River, must, however, pay well in the end.

As the salmon have free water to ascend the rivers after the 15th August, with the exception of the hinderance offered by poachers, I do not think that the spring fishing legally conducted will materially exhaust the supply, because in this Province, at least, the great bulk of the spawning fish do not enter the rivers until the fall rains swell the streams.

I here reproduce a letter just received from James A. Tory, Esq., Overseer for Guysboro', as good an authority as there is in Nova Scotia in fishery matters, and he will be seen to corroborate my views as to the decline of the salmon fishery up to 1882:—

"In reply to yours of the 22nd inst., in reference to the catch of salmon, I can only speak of this County, but I have no doubt the same reasons are applicable to the other Counties. Formerly a considerable portion that appeared in the returns were taken on the coast of Labrador and Cape Breton, as well as on the shores of this county; but the fishery in the two former places has been totally given up, and to a large extent in the latter. This will account for the falling off during the past ten years. The catch upon the coast will vary from year to year, and my experience is, that when the season for fishing is wet or the rivers high, the catch is short. This, to my mind, proves that the fish escape the nets by entering the rivers. Another reason is the nets are dirty and foul, so the fish will not mesh in them. The most of the catch is about the mouth of the rivers. I think the salmon are as plenty on the coast as they were ten years ago, only the facilities for catching are not so great."

Before dismissing this subject, I beg to say that in my opinion the penalties for illegal salmon fishing are not sufficiently heavy. Fines should be from, say \$30, upwards, with a term of imprisonment, and those killing salmon in a fishway should be given not less than twelve months imprisonment. This sort of vandalism is on the increase, and the worst feature of it is that the culprits receive, in too many cases, the countenance and moral support of respectable citizens, which emboldens them in their illegal and dishonest operations. I am very decided in the belief that these people will never be properly checked until the vice of the law is given another turn or two, that the sting may be the more painful.

## ALEWIVES.

This branch of the fisheries maintains the large increase of the past four years. The average annual yield of the four years from 1876 to 1879, both inclusive, was 7,050 barrels, and of the last five years, from 1880 to 1884, both inclusive, was 20,000 barrels, nearly three times as much as the former; and yet, in the face of facts of this kind, there are those who assert that the river fisheries of Nova Scotia are rapidly declining. If the above fact is evidence of decline, the more of it the better. I venture to predict a still further increase in the immediate future. The following table will show the annual yield of this item since 1875:—

|            | Barrels. |
|------------|----------|
| 1876 ..... | 7,616    |
| 1877 ..... | 5,443    |
| 1878 ..... | 5,733    |
| 1879 ..... | 9,409    |
| 1880 ..... | 16,145   |
| 1881 ..... | 22,474   |
| 1882 ..... | 21,656   |
| 1883 ..... | 18,346   |
| 1884 ..... | 20,688   |

## SHAD.

I am again, contrary to my expectations, compelled to report a still further decline in this branch of the fisheries, but I think we are now at the lowest and may, as in the alewife, salmon, and Digby herring fisheries, expect an annual increase for some years to come. During the four years, from 1870 to 1873, both inclusive, we caught 20,870 barrels; from 1874 to 1877, 25,732 barrels, and from 1878 to 1881, 34,650 barrels. The next four years will end with 1885, but as the past three have only realized 12,850 barrels, we will need to catch over 20,000 barrels the coming year to hold our own, and this I do not expect. Still the increase will come, particularly so as the Americans are very extensively cultivating these fish. It is my belief that shad move along the coast southwardly in the fall and enter the rivers of the southern States to spawn in the month of January, coming, as the fishermen of Florida affirm, from the north, while they enter the Bay of Fundy in the middle of June, coming from the south. If, as some persons hold, the Bay of Fundy shad fishery is the product of the St. John and other provincial rivers, the decline should be most marked in these rivers; but this does not seem to be the case, particularly with the St. John River, and I presume the people catch all they can while they are ascending the streams. According to the returns of shad taken in the St. John River Counties, there appears to be no decline, while the few which it is said escape the harbour weirs and go up the bay to feed must multiply marvellously on their short journey, because from ten to twelve thousand barrels per annum have been taken up the bay which do not enter the rivers there. Where do they come from, then, if not from rivers further south? The native shad are few in number in any of our rivers, and spawn early in the spring, coming down about the last of June and 1st of July, spent and unfit for food, while the bay shad are caught about the 15th and 20th June and are then quite fat.

The shad fishery is, however, pursued with much enterprise, and the natural source of supply is probably overtaxed, but I still think this will be fully met by artificial culture, so extensively conducted in the United States.

#### HERRING.

This fishery has given a largely increased crop. As stated in my last annual report, the annual average yield for the ten years, from 1869 to 1879, was 147,105 barrels, and for the four years, 1880 to 1883, 183,443 barrels, being an average increase of 36,338 per annum; but the catch of 1884 outstrips all past experience, amounting to 250,554 barrels, an increase of 65,111 barrels—35 per cent. over the average of the previous four years. The catch of

#### “DIGBY CHICKENS”

Continues to increase also. They have, during the past season, been more plentiful than for many years, and thus my expectations, often expressed in my reports and other correspondence with your Department, have been most effectually confirmed, in reply to predictions of impending ruin from local abuses. During the years previous to 1880, the annual yield averaged but 28,000 boxes, and during the years from 1880 to 1883, inclusive, 92,803 boxes. This year, we have a yield of no less than 112,785, and so great was the catch in some of the weirs that large numbers were used as manure; the people not being able to cure them before they spoiled.

#### COD.

This fishery shows an increase of 57,277 quintals over the previous year, but the markets have been very dull and prices have ruled low. Hence, the business, during the latter part of the season, was not pursued with as much energy as it otherwise would have been. The bounty annually paid the fishermen is stimulating enterprise, particularly in this branch of the fisheries. On the coast of Labrador the cod fishery was almost a total failure, and those of our own fishermen who went there came home empty-handed, while those who fished on the banks got two and three full faros. The catch along the shores of this Province was generally rather light.

#### MACKEREL.

Our returns this year show the largest crop of mackerel reported since 1871. This is what I confidently expected last year, when I advised the fishermen to have their mackerel gear ready and in good order as I was looking for a large run around our coasts during 1884. The yield amounts to no less than 156,000 barrels. The fish were generally small, however, and sold at low rates. Still the quantity taken was double the average of the three previous years, and the run will probably continue two or three years more; but these fish are so uncertain in their movements, that it is very difficult to establish any plausible theory regarding them.

#### LOBSTERS.

This fishery has been very productive, and 5,145,273 cans have been put up—an increase of 274,934—in addition to which, some 375 tons have been shipped to the United States alive and consumed fresh by the people. There is some difference of opinion as to the proper close time for lobsters. It is quite certain that, during five or six weeks in midsummer they are unfit for food, the time varying from two to three weeks, between the extreme east and west of the Province. I am of the opinion that a uniform close time of six or seven weeks, from the 20th of July to the end of August, or 25th July to the 5th of September, would be preferable to the present law. This would give those fishermen, on coasts obstructed with ice late in the

spring, an opportunity to fish some six or seven weeks in the fall months, when the fish are perfectly good.

#### BASS AND SMELT.

fisheries are annually increasing in importance, and regulations governing them are very necessary. I think those in force in New Brunswick should be extended to this Province. We had no little difficulty in controlling the fishermen at Tidnish, where an important bass fishery was discovered last winter. I have already called the attention of the Department to this subject.

#### FISH-WAYS.

The summer has been so continuously wet, and the streams in consequence so swollen, that nothing could be done until late in the season. Still, with Mr. J. B. Kinney's efficient aid, I have been able to construct seven new ladders, and to repair two or three others, so that we have now in the Province over twenty fish-ways on the model of the new patent, and all are working well. Many more are needed in the Province, and it is to be hoped a good number of these may be built next season. This is, without question, a most important part of our work, and its beneficial effect upon our river fisheries can hardly be over-estimated.

The cost of these structures is proving to be much less than I anticipated it would be at the time of their invention, and in this regard Mr. Kinney deserves the chief credit. He, and all others who are placed in a position to know, are becoming quite enthusiastic over the value, importance and effectiveness of the new ladder.

#### GENERAL REMARKS.

It will be observed that I have discussed the fisheries as including Cape Breton. This could not be well avoided when referring to the comparative yield of the various items with former years.

In regard to fish consumed fresh by the people, I have to say that instructions to Overseers, in pursuance of departmental suggestions, have been variously construed. It will be noticed by the returns that some have entered an estimate for home consumption in value, others more in detail, while others, and, to a certain extent, all have included all consumed by the people in their general figures. It is impossible to attain uniformity in this regard, and I confess that it must be a matter of the greatest difficulty for the Overseers to separate what is consumed by the people from that which enters into commerce. In some counties almost all the fish caught are used by the people where they are taken, and the officers have, as heretofore, entered the whole in the different columns. In my opinion it would be preferable, in many ways, to have all the fish, no matter where or how consumed, entered opposite their proper localities and in their respective columns in the returns, and to ask the overseers to make an estimate in their written reports of the proportion of the total catch used for home consumption. I may remark here that the increase in the general account of the fisheries for the year is not owing to any former omissions in accounting for what has been consumed fresh, as this has always been included by overseers in former years, as above suggested. Hence, all additions to our returns on account of this supposed omission are made in error. The increase for the present year fairly represents the improvement in the fisheries, and is not owing to inaccuracy in the statistics heretofore, a glance at the returns showing that the increase is confined almost entirely to the four items—mackerel, cod, herring and lobsters.

Abuses still exist, to a certain extent, in this Province, but have been so frequently referred to in former reports that a repetition here will be unnecessary. The tendency is strongly towards improvement, especially in districts in charge of active officers.

I append, as usual, synopses of the overseers' reports, which will be found interesting and useful. Many erroneous notions, so prevalent in the early part of our work, have been abandoned, and as our proper work is becoming better understood, the different officers are enabled to give much profitable information regarding the various branches of the fisheries. Nor can I close this report without again referring to the inadequacy of the remuneration these officers receive, and I would strongly urge the necessity of an increase in the scale of salaries paid the Nova Scotia fishery Overseers and Wardens.

I have the honor to be, Sir,

Your obedient servant,

W. H. ROGERS,

*Inspector of Fisheries for Nova Scotia.*

## SYNOPSIS OF FISHERY OVERSEERS' REPORTS.

### ANNAPOLIS COUNTY.

*Overseer W. T. Carty*, of Tupperville, reports that the hook fishing is gradually decreasing in the Bay of Fundy. The catch is largely made up by small vessels which frequent the mouth of the bay. The fishermen attribute the falling off to the great amount of trawling. Herring have been very plentiful on the coast of the Bay of Fundy, and in the Annapolis Basin. The fishermen have not been able to handle one-half of those caught; the Basin being fairly alive with them. Markets have, however, been so low, that great quantities still remain on hand, and those sent away have hardly paid expenses.

The fish-ways at Round Hill, Lequille, and Lawrencetown, are all in good working order. The Beals' dam at Nictaux has been down for two years, thus giving the fish a clear passage. It has been impossible to get a correct account of salmon taken at Round Hill. They have been very plentiful in the brook. There has been no fishing carried on in the Annapolis River; the late freshets having made it impossible.

### ANTIGONISH COUNTY.

*Overseer John McDonald*, of Doctor's Brook, reports that a much larger amount of fish has been taken in Antigonish County this year than for many years past. This he attributes principally to the energy and perseverance of the fishermen along the shores; all the fish being caught in boats. The demand for fish has been good and prices have been on the increase. The fishermen are well satisfied with the system of licensing the salmon fishery, and Mr. McDonald finds that it keeps the best of order among them; quarrelling and rowing for berths being unknown. Spring herring and alewives were more plentiful than for many years past, but the fishermen, not expecting them so abundantly, were not sufficiently prepared. He believes that the catch of mackerel, lobsters and hake would have been double the amount reported had the weather been less stormy. The lobster packers are generally well satisfied with the season's business. *Overseer McDonald* examined all the fish-ways in the County and found them in good repair, but as they do not do their work properly, he would ask the Department to have them rebuilt after the Rogers' model. Owing to the lateness of the fall freshets, it is feared that salmon and other fish did not, this year, reach their proper spawning grounds, and that in consequence a decrease may be looked for.

### COLCHESTER COUNTY.

*Overseer J. W. Davison*, of Upper Economy, regrets to report a still further decrease in shad. It is difficult to explain the continued decrease, but Mr. Davison

thinks that the wind and weather has had much to do with it, the past season being very unfavorable in this respect. He also thinks that between the large numbers of weirs set and of boats with long nets there has been a great deal of over-fishing. In opposition to the opinion of many of the fishermen, Mr. D. believes that these fish will again be as abundant as formerly. There always has been periodical fluctuations, and when there is a large run the number of persons who rush for them and the increase in the number of boats and weirs, the latter set on the flats, where the fish come to feed, are so great that it is not to be wondered at that there follows a decrease. While there are stringent laws for the protection of other fish, shad have been to a large extent entirely unprotected. Mr. Davison strongly recommends that there be a close season while shad are full of spawn, and believes that they should not be caught from 1st November to 15th June.

The close season for salmon has been generally well observed. There are known, however, to be poachers, with the most destructive means of killing fish known—dynamite—who are watching their chances.

There are six fish-ways on the old model in his district, which he hopes will soon be replaced by new ones.

*Overseer Henry Blair*, of North River, also regrets to report a greater scarcity of fish in the bay than usual. The catch on the whole, however, was fair. The run of shad early in the season was very good, but later it was much smaller, when the fishermen became discouraged and gave up. Afterwards, however, there was another good run, which was entirely lost.

Salmon came into the rivers in July, and have been going up ever since, but owing to the wetness of the season and the consequent great height of the river, the catch of both salmon and alewives has been small. The latter were abundant in the Shubenacadie.

*Overseer R. J. Pollock*, of Lower Stewiacke, attributes the small catch of shad on the Stewiacke River to the fact that it was impossible to set nets, owing to the height of the water.

Very few salmon came up this river until after the close season. From September to November they were very plentiful. All the fish caught in his district were used for home consumption.

*Overseer Henderson Gass*, of Tatamagouche, believes that the decreased catch of salmon in his district is owing to the extent to which this fishery is pursued further down the coast for canning purposes. He also believes that the clearing up of the country, in causing the soil to find its way into the rivers, destroys the spawn or prevent its maturity.

Mackerel were very plentiful in the bay during the summer, but so few people were prepared for them that the catch was small.

The only fish-way in his district, at the Balfour Mill, was thoroughly cleaned out in the fall, and is now in good order.

Mr. Gass recommends that an extension of the open season for salmon be made. They do not enter the rivers on that coast until about the 1st of October, when it is unlawful to catch them. He believes that were the people allowed to catch them for a short time after they enter the rivers, to stop poaching afterwards would be a matter of little difficulty.

All the fish caught in his district were consumed by the people.

#### DIGBY COUNTY.

*Overseer William Hanley*, of Digby, reports a decrease in the catch in his district, which he attributes to low prices in the markets, and the consequent non-prosecution of the business. Mackerel entered St. Mary's Bay in large quantities, and the people were so unprepared to cure them that large numbers had to be utilized as compost. From the most reliable authority to be obtained, Mr. Hanley finds that not less than 10,000 barrels were taken in seines by foreign vessels.

Herring were quite as plentiful as usual in the Basin, but not many were taken in the weirs. Very few shad were taken in the weirs in St. Mary's Bay during the past season. The weather has been very unfavorable for fishing. The Salmon River fish-way is in good condition. The county line trap has done well, though taken up before the mackerel entered the bay.

*Overseer J. A. Collins*, of Westport, attributes the decrease of this over the past year's catch, according to the returns, to the facts that the amount reported last year was excessive and that a large number of those heretofore engaged in line fishing this year followed the lobster business. There was a large catch of lobsters, and it is probable that in future this business will be much more largely followed. The catch of mackerel was also large, they being taken principally in St. Mary's Bay. As the head waters of this bay form spawning beds for mackerel and herring, Mr. Collins recommends that some measures be taken for their protection. During the past summer, large quantities of mackerel were allowed to die in the weirs along Digby neck and around St. Mary's Bay, caused by the negligence of the weir owners. The throwing overboard of fish gurry by American and other vessels is a great injury to the mackerel fishery and unless stopped it will destroy the fishing in St. Mary's Bay.

#### GUYSBORO' COUNTY.

*Overseer James A. Tory*, of Guysboro', reports that, although the amount of the season's catch has been about the same as that of 1883, owing to the decline in price of nearly all kinds of fish the business has not been nearly so profitable as last year. Owing to the myriads of squid which swarmed the coast and destroyed them as fast as they meshed in the nets, the catch of fall mackerel was, contrary to confident expectations, almost a total failure. The decrease may appear small, but is very important as to value. Were it not for the causes stated, the catch would doubtless have been far in excess of last year's catch.

The lobster fishery shows a deficiency of 64,200 lbs. This falling off is severely felt by a class of persons unable to bear it, besides the general loss in a commercial point of view. The steady decline of the catch for several years past confirms the fears Mr. Tory has formerly expressed that the over-prosecution and want of efficient protection would ultimately destroy it. The decline in the hook and line fishery is attributed to low prices, which caused the withdrawal of some of the bankers from that fishery, and the shore or boat fishermen turning their attention to the net fishery. Otherwise, this branch of the fisheries would have exceeded former years, as fish were very plentiful.

The herring fishery has, in some portions of this district, far exceeded the catch of former years, and the excess will, to a certain extent, make up the loss on the short catch in other branches; but, at the same time, the low prices given for them has been a serious drawback.

Squid and other bait fish was in very little demand after the bankers were first supplied. Although very abundant during the latter part of the season, very few were taken.

The fishermen of Chedabucto Bay complain of the damage done their fishing gear by the American seiners, and with justice, as from forty to fifty sail could be seen at one time sailing to and fro through the nets, &c. for several weeks, and the fishermen say that whenever and wherever their gear came in the way of the Americans, who were casting their seines, it was "out knife and cut away." Mr. Tory fears fatal results will follow a continuation of such acts, as the fishermen will not endure it. It calls for protection on the part of the Government.

Salmon and alewives entered the rivers in large quantities during the spring and fall, and owing to the height of the rivers they were unmolested, and an increase in these fisheries may be expected. Mr. Tory again urges the necessity for a small out-lay for the purpose of clearing obstructions in the rivers and building proper fish-ways.

*Overscer Allan McQuarrie*, of Sherbrooke, reports a small decrease in the total catch in his district, and that owing to small prices many of the fishermen are sufferers. Fishing in the early part of the season was almost a total failure, but why it is difficult to state. The weather was dark and foggy, and what the fishermen term unfavorable winds prevailed. In the latter part of the season fish were abundant, but the low prices and the destruction of herring in the nets by squid caused a relaxation of effort. The catch of lobsters was an average one, but those of small size were very numerous. The catch of salmon was about the same as usual, but they have not been fished for so persistently as heretofore. The fine rivers of Guysboro' County and the inland lakes would afford excellent opportunities for the artificial culture of these fish; they could be bred to almost any extent, and would prove a great source of wealth to the county. The re-stocking of the lakes and rivers would be universally appreciated by the people.

Trout in the St. Mary's River were much more plentiful than of late years, and were of large size and excellent quality. Alewives and smelts could be largely increased by the removal of obstructions to their ascent of the rivers. Indian Harbour beach is in need of especial attention. The Country Harbour River, so famous for its salmon, trout and alewives, is so badly obstructed in the upper district with jams of driftwood and rubbish that fish cannot ascend to the beautiful clear lakes and sandy bottoms above.

The fish-way at Fisher's mills is a subject of much dispute among interested parties. The very best form is needed, and also a resident warden to guard it properly.

Mr. McQuarrie notified mill owners on the McKeen Brook to cease putting saw-dust in the stream, which has been fast filling up, to the great injury of the fish.

#### HALIFAX COUNTY.

*Overseer Isaac Gaetz*, of Musquodoboit Harbour, reports that the fishermen complained bitterly of the unpropitious character of the past season for the prosecution of their work. While there have been only a few storms that were very severe, and by which the fishermen lost many nets and other material, it has been rough enough almost continually to prevent fishing in small boats. The depression in the West India market for some time past has had a serious effect on the fishing interests, as prices have ruled very low. Mr. Gaetz states that he has taken all the pains possible to get accurate returns of the season's operations, and believes that the figures given are as nearly correct as possible. The salmon fishery has been about the same in extent as last year. There was a heavy freshet about the 1st of July, when the salmon were running, and a great many went up the rivers. Sea trout seemed to be more abundant than for some years past, but he regrets to have to report a falling off in alewives. He hopes, however, the decrease is only temporary, and has been assured from most reliable sources that multitudes of young fish went down the rivers. Mackerel have been more abundant this season than for some years past, and the fishermen say that, had the weather been favorable, they could have got all they wanted. The falling off in herring is owing entirely to storms that prevailed about the time they made their appearance on the coast. The cod fishery has not been a success on the Halifax coast this year, and were it not for the bounty that encourages the building and employment of vessels, there would have been a very light catch of cod to report. The fact that the lobster business has been so active that most of the fishermen have devoted their attention almost exclusively to it, until the canneries closed, accounts in part for the decrease in cod. There has been a large increase in canned lobsters. Nine factories have been in operation in Mr. Gaetz's district during the past year, and he believes that two or three new ones are to be erected for the coming season. He used his best endeavors to keep the rivers and streams unobstructed. There are a number of lawless creatures he has to deal with, who lie around all day and grumble about hard times, while they spend their nights, or a part of them, in poaching the rivers. Mr. Gaetz rebuilt the fish way at Moser's



River, which was partly destroyed by freshets, and also made a small expenditure on Salmon River, in order to allow salmon, trout and other fish to get up. The sawdust trouble is making an appearance, notably at Sheet Harbour, but he cannot see that it injures the fisheries to any extent, with the exception of the annoyance it causes the fishermen by getting into their nets.

*Overseer John Fitzgerald*, of Portuguese Cove, reports that the catch of fish in his district is about the same as that of last year; that no abuses exist of which he is aware, and that the close season has been strictly observed. There are five fish-ways in his district, all of which have been kept open, and all are in fair working order. The fall fishing proved a total failure, owing to the prevailing high winds, which kept mackerel off shore.

#### HANTS COUNTY.

*Overseer T. B. O'Brien*, of Maitland, reports a slight decrease in the catch of salmon and shad, but an increase in other branches sufficient to make up for the decrease. More attention is being paid to the alewife fishery than heretofore. The shad caught this season were of the best quality and readily sold for nearly double the price at what they are rated in the returns. Squid have been very plentiful in the bay, but have proved most destructive to the shad after they had meshed in the nets. He believes that they will have a tendency to keep shad from the bay.

#### KING'S COUNTY.

*Overseer R. F. Reid* reports an increase in the alewives fishery in his district over that of several years past. Now that two new ladders, after the new model, have been placed in the Benjamin mill-dam, which appear to be all that can be desired in the way of a fish-pass, he has hopes there may continue to be an increase. He suggests, however, that a ladder be placed in the Dodge mill-dam near the lake, which would give the fish a free passage to their spawning grounds, they having now to go up a small brook to get to the lake.

Mr. Reid is pleased to state that there has been quite an improvement in the catch of salmon this season over that of the last, but he is unable to assign a cause for the increase in either alewives or salmon.

*Overseer James S. Miller*, of Canning, reports an almost total failure in the shad fishery in King's County for the past season, and also in the herring fishery of Medford. The cause of failure seems to be a scarcity of fish rather than a less vigorous prosecution of the fisheries. This does not prove that the fisheries in these places are becoming exhausted. Experience goes to show that there is a continual ebb and flow in the catch of fish in any given place, and there can be little doubt that the shad fishery will again prove a profitable industry in King's County.

#### LUNENBURG COUNTY.

*Overseer George Redden*, of Chester, reports that, since obstructions have been removed from Larder's River, the rivers in his district are in good order and there can be no difficulty in the fish ascending to their spawning grounds. There has been a marked increase in alewives this season; the amount caught being double that of last year. There has also been an increase in the catch of salmon, which Mr. Redden accounts for by the restocking of the rivers by the Department. He has had all the fish-ways in his district that were out of order repaired, and hopes to see the new ladder placed in Upper Gold River. The close time has been well observed, but the greatest difficulty is to prevent dipping in Gold River. Mr. Redden hopes that a regulation may be made forbidding it, as it is the source of great injury to the salmon fishery.

There has been a large increase in mackerel this season, but the fish have been of a poor quality. The increase is principally owing to the traps. The increase in

cod is owing to a more vigorous prosecution of that fishery. There has been a decrease in the catch of herring, owing to small prices obtained for them.

There are three small streams that alewives frequent, which should be cleared of obstructions, and were they properly opened, there would doubtless be a large increase in the alewife fishery in this district.

*Overseer C. E. Goddard*, of Bridgewater, reports that the catch of salmon in the LaHave River has been greater than in any year before, since his appointment. The water in the river was at times very high and, to the chagrin of the poachers, gave the salmon an excellent opportunity to pass the dams. The estimated catch of salmon from the mouth of the LaHave to Davison's lower dam was about 3,000 lbs. Mr. Goddard believes that a warden is very much needed there to assist him in his onerous duties. It is now impossible to get a local constable to arrest offending parties, but a warden would be expected to obey instructions of the Overseer, and poachers would no longer violate the law with impunity. During May he visited all the mills on the river and its tributaries, and notified the owners that they must prepare a proper place for depositing their sawdust and mill rubbish.

#### PICTOU COUNTY.

*Overseer A. C. Pritchard*, of New Glasgow, regrets to report that the run of salmon in the rivers of this district last season was exceptionally small. This he attributes to the unusual lateness of the freshets. During the ordinary spawning season there was not sufficient water in the river to admit of the passage of fish; consequently, when the freshets came but few made their way to the spawning grounds. Large schools lay for weeks in the basins at the head of the tidal waters, and it is generally believed they spawned there.

A quantity of fresh salmon was brought from the French River from time to time during last close season and sold at the Vale Colliery, and although Mr. Pritchard has made every effort to have the offending parties arrested he has been as yet unsuccessful.

The fish-ways on Middle and East Rivers have been well tested by the late freshets, and although logs and a quantity of other material were carried away, no damage was done. He would suggest that the old dam at Alma, Middle River, be destroyed or a fish-way put in there.

*Overseer Robert Sutherland*, of River John, says that he has taken every available means at his disposal to obtain correct accounts of all fish caught in his district. There has been no instance of illegal practises brought to his notice. He accounts for the scarcity of salmon from the fact that the dams are without fish-ways, and he hopes that efficient ones may be built there next season.

#### QUEEN'S COUNTY.

*Overseer S. T. N. Sellon*, of Liverpool, reports that the line fishery would be fully up to what it has been in the past, but that a different mode is necessary for a successful catch. Vessels fitted for the work are now being built, and the bounty is giving an impetus to further advance.

Labrador fishing has been a failure, not, says Mr. Sellon, because the fish are not there, but because our system is like the old Dutch plan—not up to the times. For want of bait, boat fishing has not been remunerative. Herring are as abundant as ever in deep water, but do not come into the bays and harbours as usual. They are a clean fish, and in his opinion keep outside of lobster pots, nets, ropes and the filthy garbage used for bait.

After lobster fishing was over, mackerel were abundant, and, although of small size, were of good quality. There can be no question that salmon have been on the increase. This must be patent to every one who will believe what they can see in the ladders, in the river, and in the lakes. The ladders are in good working order, and since they have been in use no salmon have been seen under the dams. They

serve as open doors for the fish to pass through on their way to the spawning grounds.

More alewives have been taken and more seen in our river than for many years. It is supposed that many went up when the freshet was high and too strong for dipping. A very great number of young alewives came down, and they were seen below the dams in the harbour and around the docks. The fishery law has been reasonably respected. Lobster fishing is an important and profitable business for many families all around the shores. No extension of time should be given this fishery on the southern shore of this Province. The Department saw fit several years ago to dispense with the services of a number of wardens for incompetency, and since that time Mr. Sellon has had to do the work, extending from the county line at Lunenburg to Shelburne. The fishery interest has increased in importance in the county, and a willing and interested warden is necessary to aid him in guarding the harbour and river at night. The great increase of American fishing vessels in the harbours requires extra vigilance, that they may be prevented from throwing garbage inside the line allowed.

*Overseer John Fitzgerald*, of Mill Village, reports an increase in the catch of sea-fish—herring, cod, and mackerel—also a small increase in the catch of salmon in the Medway River. The increase in the latter was in the upper reaches of the river, showing that the fish have an unobstructed course. There is good reason for the belief that the long period of easterly winds in April and May had the effect of diminishing the catch of salmon and alewives, and during their continuance scarcely any of either fish were caught, while the catch largely increased after the winds changed. The number of young fish which have come down the river is a gratifying proof that an increase may be looked for in the future. Smelts were very plentiful and sea trout, some of which were very large, are on the increase. There are no artificial fish-ways in any of the dams on the Medway. The mill-owners, as well as the rest of the people, appreciate the value of the fisheries, and vie with each other in efforts for their preservation. Some trouble has arisen between owners of adjoining properties on the Port Medway Harbour as to the rights of fishing berths; but, for the present, the disputes have been amicably settled.

#### SHELBURNE COUNTY.

*Overseer William J. McGill*, of Shelburne, reports about the same number of vessels engaged in the fisheries this year as last, but their trips show an increase of 10,181 quintals of cod. A number of fine schooners have been launched this fall, intended for bank fishing. The shore fishery has not been very productive, and many boats were unable to claim the bounty, not having taken the necessary quantity of fish. The reason assigned for the failure is the fact that squid have been unusually abundant, and their presence tends to keep other fish off shore. Lobsters were as plentiful as usual, and show no signs of exhaustion. An action was entered against one person for taking undersized lobsters, but failed owing to technical objections. Upon hearing of the issue of a second summons, the offender fled and has not since reappeared.

The catch of alewives compares favorably with that of other years, and an increase is reported in Roseway River. The new fishway has proved satisfactory, as a large number of both alewives and salmon were seen passing up. The early fall freshet gave the young alewives a favorable opportunity to return to the sea, and they were well protected. The fish-ways are in good repair, and Warden Holden reports salmon above the Jordan River dam.

*Overseer E. S. Goudy*, of Barrington, reports that four new vessels were added to the bank fishing fleet in his district during the past year. The bank fishermen returned with full fares, but the total catch of cod, in comparison with that of last year, is less, owing to the small catches in boats on the shore, and low prices offered. Both the mackerel and herring fisheries of the district show considerable improvement.

The new business of shipping lobsters to the United States alive has been carried on quite extensively, and has amounted to about \$14,761. The close season and the law respecting small lobsters have been well observed. Both packers and fishermen are well-satisfied with the present regulations, and desire nothing better.

The only fishway in this district—that at Clyde River—has been kept well opened and has given entire satisfaction. The catch of alewives shows an increase over that of last year.

YARMOUTH COUNTY.

*Overseer Enos Gardner*, of Tusket, says that the returns have been made from most careful enquiry at the different fishing districts, and are as nearly correct as possible. The amount for home consumption included in the return is about \$50,000. The bank and shore fishermen have all made extra large fares this year, and a much larger catch of cod has been made. The return of fish oil is also larger, and the new machinery used for extracting the oil has been found to be a great advantage. The prices for all kinds of fish have ruled low and, notwithstanding the large catch, matters are not so prosperous among fishermen as they have been the last two years.

In regard to river fisheries, alewives show a small increase. The high freshets prevented many from being taken, but they were then the better enabled to ascend to head waters. The young fish have come down in large numbers, and *Mr. Gardner* looks forward for a large increase in this fishery in the future. Salmon fishing was a little better than last year. The fish struck in early and were at first plentiful, but afterwards they became scarce, and there was not again a good run until June. The price was this season low, and the greater part was used for home consumption. In April last *Mr. Wilmot* brought some ova from the Bedford hatchery and put up a small hatchery, which he left in charge of Warden *John A. Hatfield*. The ova hatched out successfully and was distributed by the warden in the lakes. Should the artificial re-stocking of the rivers be continued, *Mr. Gardner* believes that in a few years the rivers of Yarmouth will be alive with salmon, as in former years. It would be a great advantage to have a permanent hatchery erected on the river. Last year the patent fish-way was put in at Carleton Mills and has given entire satisfaction. The fish ascend readily, and he has no doubt that in a few years the fish will be back in that river, as they were before the erection of the dam. Parties at Carleton say that quite a number of young fish came down in the fall. The new ladder put in at the gang mill, *Kemptonville*, he inspected with Warden *Hatfield* shortly after it was finished, and it appeared to him to be thoroughly and substantially built, and, as the other, will no doubt give a good passage for fish. As the rivers are now comparatively free from obstructions, *Mr. Gardner* can see no reason why the fish should not largely increase.

The lobster fishing was prosecuted with energy and large quantities were taken. The prices for live lobsters in the United States was low and business was not, therefore, as profitable as in past years. The factories put up a much larger quantity than last year. The regulations were strictly observed throughout this county. It is the opinion of many intelligent fishermen, and *Mr. Gardner* agrees with them, that July and August should be a close time for lobster fishing, as a large proportion are soft and unfit for food.

The shingle machine owners at Carleton have kept their sawdust from drifting into the river, and burnt it. The other mills, however, still continue to allow it to drift in, and in time the lake will be filled, unless a stop is put to it. Of the four mackerel traps in this district, two were successful, the others not. The large catch of cod is, however, attributed to the traps, they giving a good supply of bait. The experiment of catching mackerel by a floating trap net was tried, but owing to the strong tides, proved unsuccessful.

*Overseer George H. Robertson*, of Yarmouth, reports that the past season has proved a good one for trap nets, nearly all having taken a fair quantity of mackerel.

Herrings were plentiful, but owing to the large number of what are called dog-fish, which destroy the nets, it was almost impossible to catch them. The net regulation has been generally well observed, but it will be difficult to enforce it unless a penalty is fixed in case of violation. Shad have been scarce, and the catch was much smaller than that of last year. The bank fishermen have all had full fares, but owing to low prices the business has not been very remunerative. Lobsters have been plentiful, and the close season has been well observed. If the fishermen were allowed to catch lobsters in the months of February and March it would be a great benefit to them and no injury to the fisheries. Lobsters caught in fall and spring are better for food and bring a higher price than those caught in July and August.

## CUMBERLAND COUNTY.

*Overseer Robert Goodwin*, of Baie Verte, N. B., who has a portion of the above county under his charge, reports that after the ice left the bay, in April, herrings were quite plentiful and good catches were made. The ice, however, returned and carried away quite a number of nets. The catch was, on the whole, good, notwithstanding, and the quality of the fish excellent. Mackerel were plentiful and of good quality, but they are not fished for energetically. There is a small lobster factory in his district, which did a good business, and preparations are being made to extend this branch of the fisheries next year. A discovery of a bass fishery was made in Tidnish River last winter under peculiar circumstances. About the middle of January two nets were put in the river for smelts, when, much to the surprise of all, a large catch of bass was made—a thing never before known there. A large net was used and during two weeks it was with the greatest difficulty that wholesale slaughter was prevented. Over thirty tons of these valuable fish were taken in that small stream. They found ready sale in both Provinces, and many were shipped to Boston at good prices. As the season advanced, the bass seemed to move down stream and finally disappeared. The last were taken in March.

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## CAPE BRETON.

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### REPORT OF A. C. BERTRAM, ESQ., FISHERY OFFICER, ON THE FISHERIES OF CAPE BRETON ISLAND.

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NORTH SYDNEY, C.B., 31st December, 1884.

HON. A. W. McLELAN,  
Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith the first annual report of the fisheries of the island of Cape Breton—embracing the four counties of Cape Breton, Richmond, Inverness and Victoria, as forming a distinct district from that of Nova Scotia proper—for the calendar year ending this date.

It will be observed, from the tabulated statements following, that the aggregate quantity and value of the fish caught on the coast and inland waters of the island, for the year 1884, exceed those for the year 1883. The increase in quantities of the leading branches prosecuted were: Salmon, over 35 per cent.; alewives, 90 per cent.; herring, 45 per cent.; codfish, about 4.25 per cent.; haddock, over 45 per cent.; and the total increase in the value of the catch of all kinds was \$153,612.

COMPARATIVE STATEMENT of the product of the Fisheries in the Island of Cape Breton, for the Years 1884 and 1883 respectively.

| Kinds of Fish.  |        | Catch in<br>1884. | Catch in<br>1883. | Increase. | Decrease. |
|-----------------|--------|-------------------|-------------------|-----------|-----------|
| Salmon.....     | Lbs.   | 146,400           | 109,072           | 37,328    |           |
| Codfish.....    | Qntrs. | 133,609           | 128,109           | 5,500     |           |
| Haddock.....    | "      | 39,750            | 27,506            | 12,244    |           |
| Herring.....    | Brls.  | 57,263            | 39,418            | 17,845    |           |
| Alewives.....   | "      | 2,801             | 1,503             | 1,298     |           |
| Shad.....       | "      | 52                | 20                | 32        |           |
| Mackerel.....   | "      | 26,172            | 25,757            | 415       |           |
| Lobsters.....   | Cans   | 619,069           | 525,099           | 93,970    |           |
| Oysters.....    | Brls.  | 700               | 503               | 197       |           |
| Halibut.....    | Lbs.   | 21,060            | 16,870            | 4,190     |           |
| Bass.....       | "      | 400               | 700               |           | 300       |
| Trout.....      | "      | 37,150            | 58,500            |           | 21,350    |
| Smelts.....     | "      | 58,200            | 69,600            |           | 11,400    |
| Eels.....       | Brls.  | 1,029             |                   |           |           |
| Fish bait.....  | "      | 8,746             |                   |           |           |
| Fish oil.....   | "      | 60,911            |                   |           |           |
| Fish guano..... | Tons.  | 77                |                   |           |           |

Of the increases above noted, the chief portions have been realized from the fisheries of the counties of Cape Breton and Richmond.

The total value of the fish product for 1884 was \$1,421,787, and the capital invested in vessels, boats, nets and all floating material, was \$5,325,390.

GENERAL REMARKS ON THE SEVERAL FISHERIES—SEINE FISHING—  
FISHING BY FOREIGNERS—TRANSPORT OF FISH—BRAS D'OR  
LAKE FISHERIES, &c., &c.

SALMON.

The marked increase in the catch of this fish, for the year 1884, whilst gratifying, is not owing to any circumstances, either extraordinary or accidental; on the contrary, for reasons hereinafter mentioned, there is good reason for believing that this most valuable branch of fishery will go on to develop into much larger proportions than at present for many successive years yet to come. One or two localities which experienced a falling off in the catch of the year owe the misfortune to merely temporary local causes, not likely to prove a permanent injury.

COD AND HADDOCK.

These continue to yield about 50 per cent. of the total yield, in value, of the fishery product of the island. This branch of fishery is very prolific on the Cape Breton coast, and with more energy than at present exercised by the resident fishermen, this invaluable industry is capable of a development manifold its present product.

HERRING.

The gratifying increase for the year just closed in the herring fishery over the product of the previous year, was profitable beyond the ordinary *pro rata* market.

value of the increased quantity. The signal failure of this fishery on the coast of Labrador and adjacent shores gave rise to a demand for Cape Breton herring, in Montreal and other markets which used to be supplied from Labrador and the Newfoundland shores. This foothold in new markets is quite likely to be, to a certain extent, retained by the Cape Breton product, owing to its superior quality. The herring caught around the entire coast is of a superior quality, but there occurs "a run" of herring along the eastern coast, in the month of July, which for quality and size is said to be unequalled among all known herring fisheries. The remarks already made in reference to the possible further development of the cod and haddock fisheries apply with equal force to herring fishery, and if Cape Breton fishermen persevere in the care and honesty they have hitherto exercised in the curing, packing and grading of their herring, they are tolerably sure not only to retain the entrance they gained last year in new markets, but will also make their herring the most generally enquired after, wherever such are bought for local consumption.

#### ALEWIVES.

The quantity of this early spring fish actually caught is not fully represented in the foregoing table—much more being actually caught than is there represented. It is, indeed, impossible to obtain more than fairly approximate returns of the actual quantity caught, because, first, they are retailed to consumers directly out of the weirs, fresh, where taken, and after they ascend the streams considerable numbers are taken in small quantities not accounted for. Secondly, they are caught and purchased for the purposes of bait only, and are not salted down to any extent, except for export, not being so much in favor for domestic consumption as most of the other species referred to. They ascend the rivers from the sea in early spring, as soon as the ice moves from off the shores, frequently to long distances, before reaching the spawning resorts, where they remain unmolested until autumn, at which time they return seawards, in vast numbers, and although at this time unfit for food, serve an important use to the fishermen, by attracting landwards into bays and estuaries vast schools of mackerel which prey upon them.

#### SHAD.

The shad fishery has hitherto been almost entirely overlooked by Cape Breton fishermen, who seem to have regarded it as something that did not exist in sufficient quantity to warrant giving it special attention. A closer investigation shows this opinion to be utterly fallacious, and that this valuable and favorite fish does frequent certain localities in such numbers as to warrant a closer attention to the catching of it. This new branch of fishing will, doubtless, be henceforward stimulated into much greater activity than in the past, owing to the remunerative prices it readily commands. The increase in the catch for the year just closed, over that of the previous year, although but slight—20 barrels—is the more hopeful from the fact that Cape Breton County stands almost alone in any effort at an experiment in this direction, as of the 52 barrels enumerated in the preceding table, 47 barrels were secured in this county. The fact is now realized that this valuable fish visits the shores of this island in several localities and in large quantities, so that, owing to the superior inducements referred to, there is good reason for believing that the fishing of this species will, at no distant day, make an important addition to the general income derived from the fishing industry of the island.

#### MACKEREL.

The run of mackerel all around the coast was, in general, plentiful, and in some localities extraordinary in abundance. Notwithstanding this, the catch made by the fishermen resident on our own shores was not at all in proportion to what might have been expected from the general abundance of the fish; in fact, it fell short of the catch of some years in which mackerel were, apparently, much less abundant.

The shortage of this year was owing almost solely to a phenomenon long known to fishermen, viz., that there are times when these fish are met with in vast schools, yet will not take bait. Cape Breton fishermen, who prosecute this fishery mainly with hook and line, felt, this year, the full force of the phenomenal circumstance referred to, as it was widely characteristic of the mackerel fishery of the year, and the consequence has been a very much more diminished catch than might otherwise be reasonably expected.

The United States fishermen, who now prosecute this fishery chiefly by seining, derived the full advantage of the abundance of fish, and made large and remunerative catches on the shores of Cape Breton. This seining by the fishermen of the United States, which proved to them so prolific of rich fares, was prosecuted almost entirely inside the headlands and within the bays of the coast, *i.e.*, the three-mile limits; yet it is a fact capable of proof that they had private instructions from home to report, on their arrival there, in their own ports, that their cargoes were taken entirely outside of the three-mile limit. Such an unworthy resort as this, to endeavor to mislead the public in reference to the value of our shore fisheries to them, would be almost incredible, was not the information derived from unmistakably reliable sources.

A circumstance very greatly enhancing the convenience and dispatch for the export of fish from the shores of this island has arisen within the last two years, and which has largely increased the length of time for which United States vessels can remain on the coast of Cape Breton during the fishing season, and thereby securing to them larger catches than they possibly could before. This will be referred to hereinafter, under the head of "Means of Export."

#### LOBSTERS.

The fishing and canning of lobsters is a branch of industry now assuming large proportions in the commerce of the island fisheries. The factories engaged in this business in Cape Breton are placed under serious disadvantages, on account of the date of the close season, as compared with similar industries on the south and western sea-boards of Nova Scotia proper. This comparative disadvantage arises from the late date of the spring season at which the drift ice is found on the eastern, northern and western shores of Cape Breton Island. This is the last coast which the ice, going down the Gulf of St. Lawrence and from the western part of the Straits of Belle Isle, touches upon in southern-bound course, before being caught by the Gulf stream, and sometimes it is found lingering on this coast as late as the 1st of June. Consequently, these waters are at so low a temperature that lobsters do not make their appearance near the shores until some time after the last ice has passed away, so that in the most favorable seasons there is no catch of this fish before the 1st of June, but frequently much later. The present legal period for lobster fishing is from the 1st of May to the 1st of August, which, however well adapted to the prevailing circumstances on the southern and western shores of Nova Scotia, where operations can be begun as early as the 1st of May, and where, from the earlier warming up of the waters, the lobster spawning season commences as early as the 1st of August, and the fish then becomes worthless, the later period at which lobsters appear or can be caught on the coast of Cape Breton, gives a correspondingly later date at which they are found in suitable condition for canning, and here they are found in prime condition on the 1st of August, when the present legal date for the close season commences. By the present uniform date for the close season extending to all the Provinces, the lobster canning around the coast of Cape Breton is deprived of a full month's less privilege than similar industries in other parts of the Province. I respectfully submit that the close season for lobster fishing might, with very much advantage to those engaged in the business, and with no injury to the fishing itself, be extended to, at least, the 21st of August, and I venture to recommend that the "close season" for the shores of Cape Breton Island be extended accordingly.



## SEINE FISHING.

This injurious method of catching fish is monopolized almost entirely by the fishermen of the United States fishing on the coast of Cape Breton, and is strongly protested against by the resident fishermen on the coast, as being very destructive of fish. This is undoubtedly too true. By this method a school of fish is enclosed that would make, say, 200 barrels, if all taken in and cured, but instead of this the fish taken are culled, and all fish too small to furnish the required grade are thrown over into the sea again, dead, and the result is, that probably no more than 50 barrels are retained out of the 200 barrel bulk, thus killing 400 fish for every 100 preserved. This is an enormous waste of fish. The evil is further aggravated from this seining being done, almost solely, inside the headlands, within the calm waters of the bays and harbours, so that this quantity of dead fish, together with the offals cleaned from those retained, are thrown upon the bottom, thereby polluting the fishing grounds and, in consequence, the fish are scared away to seek purer waters and cleaner pastures. This, with the devastating destruction of young and undeveloped fish is an evil the effects of which are already alarming, but which will be felt more severely with the lapse of time, in the inevitable depletion of fish that must follow. This application of seining to codfish and mackerel—"trapping," as it is familiarly called—is a matter well worthy of some practical legislation, with a view to staying the evil.

## THE COAST LINE OF CAPE BRETON IN RELATION TO FISHERIES.

The coast line surrounding the entire Island of Cape Breton is unsurpassed for the abundance, variety and excellent qualities of its fishery production, whilst one stretch of it, viz., that portion commencing with the harbour of Louisburg, on the south, thence around to the east, and northwards to Cape North, on Bay St. Lawrence, is pronounced, by parties having personal experience of fisheries on both sides of the Atlantic, to be unequalled in Europe or America. Not only do the varieties of fish most valued in commerce swarm around the headlands, but strike far inland to the head waters of the large bays and harbours for which this stretch of coast is physically remarkable. Besides this, there lie at short distances from the headlands, seawards, numerous banks, at all times prolific in the largest and heaviest varieties of fish most valued for export. It is only on this section of the coast that the large "July herring," referred to in the preceding remarks on the herring fishery, are found. Numerous indentations, forming coves, bays and harbours, extending far inland, give the island an extraordinary length of coast line in comparison with its area, and all these inland waters, without exception, abound in varieties of fish.

## STREAMS.

The rivers of Cape Breton are somewhat numerous, but, as might be expected, comparatively small, with the exception of two—the Mira, on the south, and the Margaree, on the north, both of which are considerable rivers compared with the average of rivers in Nova Scotia. The Mira is classed as the second river in the Province, and abounds in fish throughout its entire length. It is in the large and beautiful estuary of this river, or rather Mira Bay, that the best shad fishing on the coast is found. Whilst it affords, in some parts, good angling, the Margaree is regarded as the angler's paradise for trout and salmon fishing. All the streams are visited by such fish as nature prompts to seek an annual change of residence from salt water to fresh. The fish visiting all these streams are very much less in number than at an earlier period, and those which have most declined, in other words, have come nearest to extinction, are the salmon and the large speckled sea-trout. The former of these is in a fair way of having its numbers amply restored, through the instrumentality of the fish hatchery. Thus far no artificial means have been called to aid recuperating the trout fisheries; hence the greater necessity for increased con-

tinuous vigilance against pot fishers and poachers, in their mischievous practice of netting and spearing this fish, as well as salmon, within the narrow precincts of the rivers, and after the fish have ascended to and settled in their favorite pools for spawning. It must be said that there is a growing intelligence among the people of most localities as to the necessity for abstaining from a wholesale and cruel slaughter of the parent fish in the spawning pools. One locality, however, yet occupies an unenviable notoriety in respect to wanton and illegal fishing by nets and spears.

In some cases there are partial obstructions to the ascent of fish, from mill-dams, and refuse from mills improperly thrown into the water. The latter is now the more special evil, inasmuch as fish are lovers of pure water, and they invariably forsake waters rendered disagreeable to them by the deposit of foreign matter, such as saw-dust, &c., &c.

Serious obstructions have occurred in a few streams from the torrent rush of the swollen waters in times of sudden freshets, by which trees, rocks, &c., are borne down, causing "jams" to form, of sufficient material to turn the stream aside from its original channel and force it over such places as form into bars and shoals. These are serious impediments and are immediately followed by a diminished catch in the net fishery of the estuary and its vicinity, of such varieties as were wont to ascend the stream. A small expenditure in removing these obstructions, so as to restore these streams to their original course, and in generally restoring the channels to their former depth, would, in a very short time, prove to be a profitable public investment.

#### FACILITIES FOR FISH TRANSPORT.

Hitherto our island fishermen have had no facilities for moving their fish to market, except by sea, and this had to be effected within the navigation season, and however much overstocked the markets might be, they were compelled to ship before the close of navigation. Within the last two years a partial relief to these compulsory conditions has come in, by a small ratio of their fish finding an opportunity of getting to market over the Eastern Extension Railway and thence over the Inter-colonial Railway. This relief, however, has been chiefly useful only by its enabling fish exporters to reach a given market or fill a direct order on time, without having to wait for shipping, not always available at short notice. But this benefit is, however, still dependent on navigation, as the fish has, in most cases, considerable distances for transport before reaching the railway terminus at Port Mulgrave, and can at present reach there by the aid of navigation only.

It is my desire, in this connection, to direct attention to the fact that the fishermen of the United States have thus far been the greater gainers by this new outlet. In the case of a vessel from a United States port fishing on the coast of Cape Breton or eastern Nova Scotia, when her fare is completed there may yet be a most valuable portion of the fishing season to lapse; but return home, to unload and deliver cargo, means the loss, probably, of the whole of the remainder of the fishing season. Particularly is this the case with the fall mackerel fishery. Hence, the masters and owners of these vessels have found that it is very much better to unload at the railway terminus of Port Mulgrave and forward their fish by rail, home to the United States, as another full fare is likely to be secured within the time that it would take such vessels to make the voyage home to Gloucester, Portland or Boston, unload and return to the fishing grounds. Thus by connecting with the railway at Mulgrave station, or the Boston weekly line of steamers calling at Port Hawkesbury, the value of our fisheries is tripled to United States fishermen, as compared with the late necessity making the run home to discharge cargo. That this is likely to be very largely utilized by them is confirmed by the following statement, showing the vast increase by railway carriage of fish over the Eastern Extension in 1884, compared within 1883 which may be called the initiative year of this system.

STATEMENT of fish forwarded *via* the Eastern Extension Railway, from Mulgrave Station to United States and Markets of Canada, for 1883 and 1884.

|   | To United States Ports. |        | To points in Canada. |       |
|---|-------------------------|--------|----------------------|-------|
|   | 1883.                   | 1884.  | 1883.                | 1884. |
| Pickled fish..... Brls.                 | 510                     | 13,762 | 1,250                | 6,552 |
| Salmon, frozen, in boxes..... Tons.     | 10                      | 20     | .....                | ..... |
| Dried fish, in bundles and boxes..... " | .....                   | 20     | .....                | 30    |

The Boston line of steamers which calls weekly at Port Hawkesbury carry very much more of this freight to Boston, &c., than is forwarded by railway. I applied to the agent for this steamship line at Port Hawkesbury, but could not obtain the figures; but, from observation, the quantity is known to be in excess of that shipped at Mulgrave station. In the above table the quantities sent "to United States ports" consist entirely of fish forwarded "home" by United States fishing vessels. That indicated "to points in Canada" are the quantities forwarded by our own fishermen.

BRAS D'OR LAKE FISHERIES.

The important inland sea designated as the Great Bras d'Or Lake, intersecting Cape Breton Island from end to end, with its numerous bays and inlets, forms a large and important fishing area. Its waters abound, at all seasons, with cod, herring, trout, smelt and eels, which make these waters their permanent home. Besides these, it is visited by migrations of mackerel and salmon in summer and autumn. This arm of the ocean being so closely land-locked, very little drift ice finds its way in, and then only for very short distances. The great value of this fishing ground lies in the exceptional fact that the fish named, which reside in it permanently, is that all of these species are found present in their prime condition in the winter season, and are caught to any desired extent through the smooth native ice, although, as yet, no more are sought after than can find ready sale in the home consumption of the island; a market too limited to develop this fishery into a large trade.

When, however, the contemplated railway from the Strait of Canso to Sydney or Louisburg will, as expected, pass along the line of a considerable portion of this lake shore, it cannot fail to develop an immense trade in frozen fish for the supply of western Canada as well as to markets in the United States.

Annexed hereto are the tabulated returns from the several fishery overseers on the Island of Cape Breton, which show the extent of the fisheries, kinds, value, &c., &c., for the respective districts, in detail.

I have the honor to be, Sir,

Your obedient servant,

A. C. BERTRAM,

*Fishery Officer for Cape Breton.*

## SYNOPSIS OF FISHERY OVERSEERS' REPORTS.

## COUNTY OF CAPE BRETON.

*Overseer Francis Quinan*, of Sydney, reports an increase in the catch of salmon, alewives, shad, halibut and oysters, in his district. Had the people been prepared for the shad and alewives, the catch would have been much larger, as those kinds of fish had not frequented, in any great numbers, his district in former years. Their appearance this season in large numbers took the fishermen by surprise, and found them unprepared. Herring were very scarce. There is a good deal of superstition amongst fishermen in consequence of the non-appearance of herring on our coast during the last two years, but this is owing to the fact that those fish are intercepted on their way to our coast, and those that reach our shores are now pursued by over double the number of boats and vessels that were in the business a few years ago. In this district there is but one fish-ladder, which is located at Grand Lake. It is a good ladder and has served its purpose well since it was placed in that river, five years ago. Some of the rivers in his district are filling up with *debris* caused by heavy fall and spring freshets, and he recommends that a sum of money be expended in cleaning the principal rivers.

*Overseer Alexander McDonald*, of East Bay, reports an increase in the catch of codfish and mackerel in his district over that of last year. Codfish were very plentiful during the season, and considerable more could have been caught were it not for the scarcity of bait. The fishermen depend chiefly on capelin for bait during the month of July, as it is the best bait they can use during that month. Capelin, however, did not approach the shores in such large quantities as formerly, and, as a consequence, the scarcity was much felt by fishermen. He regrets to report a large falling off in the catch of herring in his district. Many of the fishermen fitted out extensively for the latter fishery, but did comparatively nothing. The catch of salmon is about the same as last year. There is not as many people engaged in the salmon fishery in his district as formerly, owing to the scarcity of these fish of late years. Fishermen, as a general thing, now give more attention to the prosecution of the cod and mackerel fishery, as they find the latter to be more remunerative than the former. He reports an increase in the catch of alewives in his district. Lobsters were very plentiful during the season, and the two canning factories in his district did well. There is now a new lobster factory in course of erection, and will be ready for operation next spring. There were no violation of the law in his district during the year.

*Overseer Y. A. W. Barrington*, of Sydney Mines, reports an increase in the catch of cod in his district, and a slight falling off in the catch of herring. He reports the halibut fishery a failure, and cannot give any practical reason for the scarcity of these fish. The catch of salmon was much larger than last year. The first lobster factory in his district began operations last season, and was quite successful. Owing to drift ice, canning cannot commence before the second week in May, which makes the season very short. He recommends an extension of the close season.

## INVERNESS COUNTY.

*Overseer D. F. McLean*, of Port Hood, reports an increase in the following branches of the fisheries in the district under his supervision during the year closed, viz. :—Salmon, herring, eels and oysters, and a decrease in the following branches, viz. :—Mackerel, codfish, alewives, hake, haddock, trout and smelts, making a total decrease in the value of our fisheries of \$25,061.80, as compared with the year 1883. The cause which led to the falling off in the different branches of the fishery named are unaccountable, even to the most scientific enquirer. For instance, fishermen and fish dealers in this district contend that codfish was as abundant as last year on the coast, but they would not take bait. The same assertion is made in reference to mackerel. The prosecution of the fishery was fully as vigorous as during the past and preceding years, but prices were less remunerative.

The principal abuse which exists on our shores is fishing mackerel and herring with seines. This mode of fishing proves very injurious to our fisheries, and in consequence thereof a large number of young fish is destroyed every year by vessels which frequent this coast for the purpose of catching fish in no other manner than with seines. He strongly recommends that a law be enacted to prevent this abuse in future; otherwise, in a few years our mackerel fishery particularly will be completely exhausted. The close season has been well observed in this division of Inverness County. The total value of the fisheries in the various districts stated in the annual report herewith, according to the most reliable statistics which he could obtain, amounts to \$217,945.45. Of this amount he has valued the quantity entered for home consumption at \$36,500. The lobster fishery was about the same as last year, the returns showing a very slight decrease. The lobster canning establishment on Port Hood island was opened on the 19th day of May and closed on the 11th day of August, and the one at Mabou Harbour commenced operations on the 24th day of May and closed on the 23rd day of July, 1884. In the former 44 hands were employed, besides fishermen; 32 boats and 4,000 traps were used—and 106,372 one-pound cans were put up. The price paid for lobsters was 55 cents for 100 lbs. At the latter (Mabou Harbor) 28 hands were employed, besides fishermen; 13 boats and 1,600 traps were used, and 34,147 one-pound cans put up. The price paid was 50 cents for 100 lobsters. All right-thinking men concur in the opinion that the fishing bounty granted by the Government of the Dominion is a wise and just provision, and it is to be hoped that, in the interest of the fishermen of the Maritime Provinces, the grant will be continued from year to year. The beneficial results of the money so paid are noticeable in every fishing community.

*Overseer James Coady*, of South-West Margaree, reports that his statistics show a decrease, compared with that of last year, chiefly due to a large falling off in the catch of cod and haddock. This he attributes to two causes—first, not being so vigorously prosecuted on account of the small price obtained; secondly, the weather being unusually stormy, fishermen had not as much success in prosecuting their avocations, yet they all admit that fish were plentiful on the coast.

There is a small falling off in the catch of mackerel, while herring show an increase over last year of 500 barrels. Salmon fishing on the coast was the best for the past ten years, but these fish were scarce in the river the first part of the season; afterwards they came in the rivers very plentiful. From the last of July to the first of November the rivers were well stocked with fish. There is an increase of over 1,000 barrels in the catch of alewives; trout also have been very plentiful. Poaching is yet practised to a small extent. We had much trouble the first part of the close season with a gang of masked poachers, but finally succeeded in taking and destroying some of their boats. This prevented further poaching during the season. The value of fish used for home consumption is estimated at \$18,250.

*Overseer David Ross*, of North-East Margaree, reports that the general catch of fish for his district is below the average, owing to the unfavourable state of the weather, especially during the latter part of the season. The catch of herring during the month of September was unusually large, surpassing that for a number of years. The close season was strictly observed. The salmon spawning grounds were never more frequented by the parent fish. There were 210 salmon taken from the Margaree River for spawning purposes for the Sydney hatchery. The parent fish were afterwards returned to their native element. The value of fish used for home consumption is estimated at \$28,000.

#### RICHMOND COUNTY.

*Overseer D. Cameron*, of St. Peter's, reports in his district a very decided improvement this year over that of last year, there being a large increase in the catch of every kind of fish caught on this shore—the fishing of cod, haddock and herring being attended with remarkably good results, the catch being nearly double that of

last year. The following is a comparative statement of the yield of fish in his division for the year 1883 and 1884 :

| Kinds of Fish.    |      | 1883.  | 1884.  | Increase. |
|-------------------|------|--------|--------|-----------|
| Salmon.....       | Bbls | 25     | 37     | 12        |
| Mackerel.....     | "    | 4,948  | 6,511  | 1,563     |
| Herring.....      | "    | 3,877  | 8,843  | 4,966     |
| Alewives.....     | "    | 53     | 111    | 58        |
| Codfish.....      | Cwt  | 10,907 | 14,803 | 3,896     |
| Haddock.....      | "    | 3,153  | 14,700 | 11,547    |
| Lobster cans..... | "    | 62,000 | 78,000 | 16,000    |

Large as is the quantity of fish caught this year over that of last year, it would have been much larger had it not been for the roughness of the weather during a part of the fishing season, as gales of wind were so successive that fishermen were unable for many days to go to the fishing grounds. Fish have been very plentiful this season, and the fishing bounty has stimulated fishermen to greater exertion and perseverance in their occupation; hence the large catch. The number of lobster cans would have been greater, had it not been that the supply was poor, owing to the prevalence of high winds during a part of the season. He has no abuses to report, as the law has been strictly complied with. Fair prices have been realized for pickled fish; and although prices for dry cod have been low, yet the large increase in quantity more than makes up for the low prices. Fishermen in this district have never been in better circumstances than they are this year.

*Overseer Francis Marmean*, of Arichat, reports a most prosperous season for fishermen generally, and a decided improvement over last year in the catch of the principal fish. A most gratifying increase is shown in the catch of codfish and herring. He thinks that the fisheries in his district will be prosecuted more vigorously next season than any previous year, as a large number of nets are being made and boats built for next season's operations. The fishing bounty given to the fishermen by the present Government proves a valuable boon to fishermen; and he attributes the increased energy now being put forward in his district to the bounty. The fishery laws have been so well observed, that he has no violation to report.

#### VICTORIA COUNTY.

*Overseer D. McRae*, of Baddeck, is pleased to report an increase over last year's catch of all kinds of fish in his district. Herring were very plentiful during the month of July. About the first of August codfish were in great abundance, and the fishermen did well. The bounty had the effect of stimulating the fishermen on to the more vigorous prosecution of their calling. He reports that the rivers in his district have been carefully protected, although there was a disposition, on the part of certain parties to violate the law.

*Overseer Malcolm McIntosh*, of Aspy Bay, reports an increase in his district of 2,000 quintals of codfish over the catch of last year. The catch of salmon doubled that of 1883. The herring catch exceeded that of last year, but the catch of mackerel was smaller. Fishermen are of the opinion that both the herring and salmon fishery are ruled by prevailing summer winds. Fishermen also contend that mackerel have been driven off the coast by American seiners in the months of August, September and October. The season was very boisterous in comparison with former years; nevertheless, the fishermen did fairly well. The season for lobster canning is too short, as the drift of ice which blocks the coast until the middle of May prevents the catching of lobsters before that date. The close season was well observed throughout the district. Two new fish-ways were erected on Middle Harbour River, where two new grist mills are in operation. The dispute which arose in the early part of the season between local fishermen and seining crews was settled, and since peace and quietness prevail.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in and the Total Number of Men employed, &c., in the

| DISTRICT.                           | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |      |        | FISHING MATERIAL. |          |        |     | KINDS                       |                    |                   |                            |
|-------------------------------------|--|----------|--------|--------|------|--------|-------------------|----------|--------|-----|-----------------------------|--------------------|-------------------|----------------------------|
|                                     | Vessels.                               |          |        | Boats. |      |        | Nets.             |          | Weirs. |     | Salmon, fresh, in ice, lbs. | Mackerel, barrels. | Herring, barrels. | Herring, smoked, in boxes. |
|                                     | No.                                    | Tonnage. | Value. | Men.   | No.  | Value. | Men.              | Fathoms. | Value. | No. |                             |                    |                   |                            |
| <i>Annapolis.</i>                   |  |          | \$     |        | \$   |        |                   | \$       | \$     |     |                             |                    |                   |                            |
| Margaretville and Port George.....  |  |          |        | 88     | 1644 | 176    | 23430             | 5080     | 2      | 400 | 1000                        | 6000               | 8000              |                            |
| Port Lorne and Chute's Cove.....    | 3                                      | 45       | 1500   | 12     | 50   | 1025   | 90                | 9000     | 4500   |     |                             | 4000               |                   |                            |
| Phiney and Parker's Coves.....      | 4                                      | 60       | 2400   |        | 71   | 1420   | 142               | 5520     | 2750   |     |                             | 10000              |                   |                            |
| Hudson, Delap and Gut Stations..... | 8                                      | 160      | 5000   | 40     | 60   | 1200   | 120               | 4000     | 2000   |     |                             | 1500               |                   |                            |
| Annapolis Basin.....                |  |          |        |        | 30   | 600    | 60                | 2000     | 1000   | 9   | 1000                        |                    | 30000             |                            |
| South Basin.....                    | 4                                      | 61       | 3000   | 18     | 30   | 150    | 60                | 3000     | 1500   | 15  | 2500                        |                    | 22000             |                            |
| Lequill River.....                  |  |          |        |        |      |        |                   |          |        |     | 936                         |                    |                   |                            |
| Totals.....                         | 19                                     | 326      | 11900  | 70     | 329  | 6039   | 648               | 46950    | 16830  | 26  | 3900                        | 1936               | 21500             | 60000                      |
| <i>Antigonish.</i>                  |  |          |        |        |      |        |                   |          |        |     |                             |                    |                   |                            |
| Arisaig.....                        |  |          |        | 65     | 800  | 140    | 4600              | 7000     |        |     | 14000                       | 180                | 120               |                            |
| Morristown.....                     |  |          |        | 60     | 950  | 125    | 4300              | 7600     |        |     | 18100                       | 300                | 250               |                            |
| Antigonish.....                     |  |          |        | 30     | 380  | 50     | 3400              | 6000     |        |     | 17000                       | 110                | 50                |                            |
| Tracadie.....                       |  |          |        | 52     | 960  | 125    | 2500              | 6500     |        |     | 9500                        | 1000               | 600               |                            |
| Totals.....                         |  |          |        | 207    | 3096 | 440    | 15800             | 27100    |        |     | 58600                       | 1590               | 1020              |                            |

\* Home Consumption—

|                   |                          |         |
|-------------------|--------------------------|---------|
| Herring,          | 200,000 lbs., at 4c..... | \$8,000 |
| Alewives,         | 2,000 do 4c.....         | 80      |
| Ood,              | 2,000 do 4c.....         | 80      |
| Hake and Haddock, | 200,000 do 4c.....       | 8,000   |
| Bass,             | 500 do 6c.....           | 30      |
| Trout,            | 1,000 do 6c.....         | 60      |
| Lobsters,         | 4,000 do 4c.....         | 160     |

\$16,410

the Fisheries, Quantity and Value of Fishing Material, Kinds and Quantities of Fish, Province of Nova Scotia, for the Year 1884.

| OF FISH.           |           |               |                   |               |               |            |             |             |                |                   | FISH PRODUCTS.  |                    |                             | VALUE. |                               |    |
|--------------------|-----------|---------------|-------------------|---------------|---------------|------------|-------------|-------------|----------------|-------------------|-----------------|--------------------|-----------------------------|--------|-------------------------------|----|
| Alewives, barrels. | Cod, cwt. | Pollack, cwt. | Hake Sounds, lbs. | Haddock, cwt. | Halibut, lbs. | Bass, lbs. | Trout, lbs. | Smelt, lbs. | Eels, barrels. | Oysters, barrels. | Lobsters, cans. | Fish Oil, gallons. | Fish used as bait, barrels. |        | Fish used as manure, barrels. | \$ |
| 100                | 150       | 175           | 250               | 6000          | .....         | .....      | .....       | .....       | .....          | .....             | .....           | 275                | 10                          | 100    | 26,798                        | 75 |
| 200                | 160       | 400           | 300               | 4000          | .....         | .....      | .....       | .....       | .....          | .....             | .....           | 700                | 20                          | 200    | 19,465                        | 00 |
| 1000               | 500       | 1500          | 1500              | 40000         | .....         | .....      | .....       | .....       | .....          | .....             | .....           | 3000               | 100                         | 200    | 57,300                        | 00 |
| 1000               | 1000      | 500           | 1000              | 30000         | .....         | .....      | .....       | .....       | .....          | .....             | .....           | 1250               | 200                         | 500    | 20,812                        | 50 |
| .....              | .....     | .....         | .....             | .....         | .....         | .....      | .....       | .....       | .....          | .....             | .....           | 3500               | .....                       | .....  | 9,775                         | 00 |
| 6                  | 200       | 1500          | 100               | 2000          | 10000         | .....      | .....       | .....       | .....          | .....             | .....           | .....              | 800                         | 1000   | 20,600                        | 00 |
| .....              | .....     | .....         | .....             | .....         | .....         | .....      | .....       | .....       | .....          | .....             | .....           | .....              | .....                       | .....  | 211                           | 20 |
| .....              | .....     | .....         | .....             | .....         | .....         | .....      | .....       | .....       | .....          | .....             | .....           | .....              | .....                       | .....  | * 16,410 00                   |    |
| 6                  | 2500      | 3250          | 2675              | 5050          | 90000         | .....      | .....       | .....       | .....          | .....             | .....           | 8725               | 1130                        | 2000   | 173,372                       | 45 |
| 60                 | 80        | .....         | 1200              | 570           | .....         | 1200       | .....       | 3500        | .....          | .....             | 130000          | 200                | 350                         | .....  | 29,117                        | 00 |
| 300                | 300       | .....         | 1650              | 1100          | .....         | 1000       | .....       | 3000        | .....          | .....             | 50000           | 350                | 300                         | .....  | 23,862                        | 50 |
| 16                 | 30        | .....         | 300               | 120           | .....         | 3000       | 5000        | 8000        | 200            | 45                | .....           | 95                 | 15                          | .....  | 8,583                         | 25 |
| 200                | 250       | .....         | 500               | 500           | .....         | 3000       | 3000        | 4000        | 150            | 250               | 100800          | 225                | 350                         | .....  | 36,548                        | 75 |
| .....              | .....     | .....         | .....             | .....         | .....         | .....      | .....       | .....       | .....          | .....             | .....           | .....              | .....                       | .....  | † 11,250 00                   |    |
| 576                | 660       | .....         | 3650              | 2290          | .....         | 5200       | 8000        | 18500       | 350            | 295               | 280800          | 870                | 1015                        | .....  | 109,361                       | 50 |

† Home Consumption—

|                |             |             |        |
|----------------|-------------|-------------|--------|
| Salmon, fresh, | 3,000 lbs., | at 15c..... | \$ 450 |
| Cod do         | 50,000 do   | 4c.....     | 2,000  |
| Hake do        | 70,000 do   | 4c.....     | 2,800  |
| Alewives do    | 75,000 do   | 4c.....     | 3,000  |
| Herring do     | 75,000 do   | 4c.....     | 3,000  |

\$11,250



RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

| DISTRICT.                                | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |     |        | FISHING MATERIAL. |          |        |      | Salmon, fresh, in ice, lbs. | Mackerel, barrels. | Herring, barrels. |        |
|--|--|----------|--------|--------|-----|--------|-------------------|----------|--------|------|-----------------------------|--------------------|-------------------|--------|
|  | Vessels.                               |          |        | Boats. |     |        | Net.              |          | Weirs. |      |                             |                    |                   |        |
|  | No.                                    | Tonnage. | Value. | Men.   | No. | Value. | Men.              | Fathoms. | Value. | No.  |                             |                    |                   | Value. |
| <i>Colchester.</i>                       |  |          |        |        |     |        |                   |          |        |      |                             |                    |                   |        |
| Mass Town.....                           |  |          | 9      | 315    | 18  | 2700   | 540               |          |        |      |                             | 3525               |                   |        |
| Little Dyke.....                         |  |          | 10     | 350    | 20  | 3000   | 600               |          |        |      |                             | 1700               |                   |        |
| Great Village.....                       |  |          | 2      | 80     | 4   | 600    | 120               |          |        |      |                             | 500                |                   |        |
| Great Village Point.....                 |  |          | 5      | 150    | 10  | 1500   | 250               |          |        |      |                             | 1250               |                   |        |
| Highland Village.....                    |  |          | 6      | 200    | 12  | 1800   | 360               |          |        |      |                             | 1500               |                   |        |
| Portapique.....                          |  |          | 2      | 80     | 4   | 700    | 120               |          | 2      | 400  |                             | 900                |                   |        |
| Five Houses.....                         |  |          | 6      | 260    | 14  | 2100   | 340               |          | 2      | 500  |                             | 1500               |                   |        |
| Birch Hill.....                          |  |          | 3      | 95     | 8   | 900    | 150               |          | 2      | 600  |                             | 250                |                   |        |
| Bass River.....                          |  |          | 6      | 210    | 12  | 2000   | 350               |          | 1      | 250  |                             | 1400               |                   |        |
| Little Bass River.....                   |  |          | 6      | 240    | 13  | 2225   | 375               |          | 1      | 150  |                             | 1000               |                   |        |
| Upper Economy.....                       |  |          | 17     | 650    | 38  | 5950   | 1350              |          | 3      | 1209 |                             | 6000               |                   | 10     |
| Central Economy.....                     |  |          | 4      | 120    | 13  | 1200   | 250               |          | 5      | 2000 |                             | 500                |                   | 29     |
| Economy Point.....                       |  |          |        |        | 6   |        |                   |          | 6      | 3000 |                             |                    |                   | 25     |
| Lower Economy.....                       |  |          |        |        | 3   |        |                   |          | 3      | 300  |                             |                    |                   | 10     |
| Five Islands.....                        |  |          | 5      | 150    | 12  |        | 150               |          | 3      | 500  |                             | 200                |                   | 25     |
| Lower Stewiacke.....                     |  |          | 8      | 40     | 8   | 64     | 48                |          |        |      |                             | 700                |                   |        |
| Forrest Glen.....                        |  |          | 3      | 15     | 3   | 24     | 18                |          |        |      |                             | 140                |                   |        |
| Middle Stewiacke.....                    |  |          | 4      | 20     | 4   | 28     | 20                |          |        |      |                             | 70                 |                   |        |
| Stirling.....                            |  |          | 2      | 40     | 2   | 250    | 100               |          |        |      |                             | 120                | 10                | 30     |
| <b>Totals.....</b>                       |  |          |        |        |     |        |                   |          |        |      |                             |                    |                   |        |
| <i>Cumberland.</i>                       |  |          |        |        |     |        |                   |          |        |      |                             |                    |                   |        |
| Tidnish.....                             |  |          | 10     | 100    | 25  | 500    | 200               |          |        |      |                             |                    | 80                | 250    |
| Pugwash and River Philip....             | 1                                      | 32       | 1200   | 4      | 5   | 75     | 12                | 200      | 250    |      |                             | 2200               | 40                |        |
| Wallace.....                             |  |          | 26     | 650    | 50  | 300    | 150               |          |        |      |                             |                    | 10                | 100    |
| La Planche River.....                    |  |          | 5      | 100    | 10  | 400    | 300               |          |        |      |                             |                    |                   |        |
| Nappan River.....                        |  |          |        |        |     |        |                   |          |        |      |                             |                    |                   |        |
| Minudie.....                             |  |          |        |        |     | 500    | 350               |          |        |      |                             |                    |                   |        |
| Apple River.....                         |  |          | 2      | 60     | 6   | 100    | 60                |          |        |      |                             |                    |                   | 42     |
| Advocate Harbour and Eatonville.....     |  |          | 7      | 150    | 18  | 400    | 275               |          | 2      | 80   |                             |                    |                   | 800    |
| Spencer's Island and Port Grenville..... |  |          | 11     | 330    | 33  | 300    | 200               |          | 3      | 100  |                             |                    |                   | 700    |
| Parraboro'.....                          |  |          | 5      | 100    | 10  | 80     | 50                |          | 2      | 70   |                             |                    |                   | 100    |
| Two Islands.....                         |  |          |        |        |     |        |                   |          | 4      | 100  |                             |                    |                   | 100    |
| <b>Totals.....</b>                       | 1                                      | 32       | 1200   | 4      | 71  | 1565   | 164               | 2780     | 1835   | 11   | 350                         | 2200               | 130               | 2092   |

the Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

| KIND OF FISH.  |                    |           |               |               |               |                |            |             |             |                |                   |                 | FISH PRODUCTS.     |                             | VALUE.                        |          |           |
|--|--------------------|-----------|---------------|---------------|---------------|----------------|------------|-------------|-------------|----------------|-------------------|-----------------|--------------------|-----------------------------|-------------------------------|----------|-----------|
| Herring, smoked, in boxes.   | Alewives, barrels. | Cod, cwt. | Pollack, cwt. | Haddock, cwt. | Halibut, lbs. | Shad, barrels. | Bass, lbs. | Trout, lbs. | Smelt, lbs. | Eels, barrels. | Oysters, barrels. | Lobsters, cans. | Fish Oil, gallons. | Fish used as bait, barrels. | Fish used as manure, barrels. | \$       | cts.      |
|  |                    |           |               |               |               | 39             |            |             |             |                |                   |                 |                    |                             |                               |          | 1,017 00  |
|  |                    |           |               |               |               | 59             |            |             |             |                |                   |                 |                    |                             |                               |          | 812 00    |
|  |                    |           |               |               |               | 20             |            |             |             |                |                   |                 |                    |                             |                               |          | 260 00    |
|  |                    |           |               |               |               | 50             |            |             |             |                |                   |                 |                    |                             |                               |          | 650 00    |
|  |                    |           |               |               |               | 80             |            |             |             |                |                   |                 |                    |                             |                               |          | 940 00    |
|  |                    |           |               |               |               | 52             |            |             | 3000        |                |                   |                 |                    |                             |                               |          | 776 00    |
|  |                    |           |               |               |               | 65             |            |             |             |                |                   |                 |                    |                             |                               |          | 820 00    |
|  |                    |           |               |               |               | 30             |            |             |             |                |                   |                 |                    |                             |                               |          | 290 00    |
|  |                    |           |               |               |               | 60             |            |             |             |                |                   |                 |                    |                             |                               |          | 760 00    |
|  |                    |           |               |               |               | 75             |            |             |             |                |                   |                 |                    |                             |                               |          | 800 00    |
|  |                    |           |               |               |               | 165            |            | 1000        |             |                |                   |                 |                    |                             |                               |          | 2,620 00  |
| 100  |                    |           |               |               |               | 69             |            | 200         |             |                |                   |                 |                    |                             |                               |          | 854 00    |
|  |                    | 20        |               |               |               | 97             |            |             |             |                |                   |                 |                    |                             |                               |          | 876 00    |
| 650  |                    |           |               |               |               | 28             |            |             |             |                |                   |                 |                    |                             |                               |          | 553 00    |
|  |                    | 20        |               | 10            |               | 20             |            |             |             |                |                   |                 | 10                 |                             |                               |          | 787 25    |
|  |                    | 80        |               | 20            |               | 20             |            | 800         |             |                |                   |                 | 45                 |                             |                               |          | 424 00    |
|  |                    |           |               |               |               | 1              | 100        | 500         | 4000        |                |                   |                 |                    |                             |                               |          | 68 72     |
|  |                    |           |               |               |               | 2              | 12         | 400         |             |                |                   |                 |                    |                             |                               |          | 25 00     |
| 45   | 20                 |           |               |               |               |                |            | 200         |             |                |                   |                 |                    |                             | 20                            |          | 1,105 25  |
| Home Consumption—Shad, fresh, 90,631 lbs., at 4cts.; Salmon, fresh, 3,075 lbs., at 15cts                   |                    |           |               |               |               |                |            |             |             |                |                   |                 |                    |                             |                               | 4,086 49 |           |
|  |                    |           |               |               |               | 18             |            |             |             |                |                   |                 |                    |                             |                               |          | 202 00    |
|  |                    |           |               |               |               | 21             |            |             |             |                |                   |                 |                    |                             |                               |          | 256 00    |
|  |                    |           |               |               |               | 16             |            |             |             |                |                   |                 |                    |                             |                               |          | 159 00    |
| 795  | 28                 | 120       |               | 30            |               | 966            | 112        | 3100        | 17000       |                | 50                |                 | 55                 | 20                          |                               |          | 19,142 71 |
|  |                    |           |               |               |               |                |            |             |             |                |                   |                 |                    |                             |                               |          |           |
|  | 200                |           |               |               |               |                | 70000      |             | 2000        |                |                   | 21500           |                    | 20                          |                               |          | 10,165 00 |
|  | 500                |           |               |               |               | 5              | 3000       | 1200        | 1500        | 40             | 300               | 2200            |                    |                             |                               |          | 4,812 00  |
|  | 300                |           |               |               |               |                |            |             | 10000       |                | 250               | 195550          |                    | 50                          |                               |          | 32,432 50 |
|  |                    |           |               |               |               | 30             |            |             |             |                |                   |                 |                    |                             |                               |          | 240 00    |
|  |                    |           |               |               |               | 33             |            |             |             |                |                   |                 |                    |                             |                               |          | 264 00    |
|  |                    |           |               |               |               | 800            |            |             |             |                |                   |                 |                    |                             |                               |          | 6,400 00  |
|  |                    |           |               |               |               |                |            |             |             |                |                   |                 |                    |                             |                               |          | 168 00    |
|  |                    | 220       |               | 100           |               |                |            |             |             |                |                   |                 | 50                 | 10                          |                               |          | 4,527 50  |
|  |                    | 150       | 30            | 150           | 1200          |                |            |             |             |                |                   |                 | 60                 | 15                          |                               |          | 4,193 50  |
|  |                    | 50        | 20            | 50            | 600           |                |            |             |             |                |                   |                 | 12                 | 5                           |                               |          | 906 30    |
|  |                    | 30        |               | 40            | 700           |                |            |             |             |                |                   |                 | 10                 | 5                           |                               |          | 721 00    |
| Home Consumption—Alewives, 19,300 lbs., at 4cts.; Shad, 3,000 lbs., at 4cts.; Lobsters, 400 lbs., at 4cts. |                    |           |               |               |               |                |            |             |             |                |                   |                 |                    |                             |                               | 908 00   |           |
|  | 1000               | 450       | 50            | 340           | 2500          | 868            | 73000      | 1200        | 13500       | 40             | 550               | 219250          | 132                | 105                         |                               |          | 65,737 80 |

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

| DISTRICT.                             | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |     |        | FISHING MATERIAL. |          |        |     | Salmon, fresh, in ice, lbs. | Mackerel, barrels. | Herring, barrels. |        |
|---------------------------------------|--|----------|--------|--------|-----|--------|-------------------|----------|--------|-----|-----------------------------|--------------------|-------------------|--------|
|                                       | Vessels.                               |          |        | Boats. |     |        | Nets.             |          | Weirs. |     |                             |                    |                   |        |
|                                       | No.                                    | Tonnage. | Value. | Men.   | No. | Value. | Men.              | Fathoms. | Value. | No. |                             |                    |                   | Value. |
| <i>Digby.</i>                         |  |          | \$     |        | \$  |        |                   | \$       | \$     |     |                             |                    |                   |        |
| Digby .....                           | 20                                     | 360      | 14000  | 160    | 10  | 400    | 20                | 1800     | 800    | 12  | 240                         |                    | 715               | 1000   |
| Broad Cove to Caldwell's Cove .....   |  |          |        |        | 18  | 700    | 36                | 540      | 360    |     |                             |                    | 150               | 800    |
| Gulliver's Cove .....                 |  |          |        |        | 20  | 750    | 40                | 580      | 400    |     |                             |                    | 100               | 260    |
| Shelving Cove .....                   |  |          |        |        | 14  | 600    | 28                | 320      | 290    |     |                             |                    | 96                | 455    |
| Centreville .....                     | 1                                      | 20       | 600    | 7      | 38  | 1500   | 76                | 1000     | 740    |     |                             |                    | 400               | 450    |
| Sandy Cove to Mink Cove .....         | 1                                      | 18       | 460    | 6      | 16  | 560    | 38                | 350      | 375    | 1   | 200                         | 5000               | 500               | 1050   |
| Little River to Petite .....          | 1                                      | 20       | 370    | 8      | 45  | 1560   | 95                | 1160     | 795    |     |                             |                    | 600               | 2200   |
| Weymouth to White's Cove .....        |  |          |        |        | 35  | 1400   | 70                | 910      | 700    |     |                             |                    | 2000              | 1000   |
| Church Point .....                    |  |          |        |        | 15  | 550    | 30                | 340      | 300    |     |                             |                    | 800               | 700    |
| Meteghan .....                        |  |          |        |        | 9   | 380    | 18                | 275      | 265    |     |                             |                    | 550               | 750    |
| Salmon River to Cape St. Mary's ..... | 13                                     | 260      | 8200   | 95     | 16  | 560    | 32                | 396      | 380    |     |                             |                    | 600               | 600    |
| Head St. Mary's Bay .....             |  |          |        |        | 6   | 160    | 10                | 150      | 200    | 3   | 600                         |                    | 5000              | 200    |
| Westport .....                        | 30                                     | 602      | 25000  | 220    | 40  | 1600   | 120               | 10000    | 7500   | 1   | 2500                        |                    | 1000              | 800    |
| Freeport .....                        | 21                                     | 372      | 17000  | 150    | 80  | 3200   | 240               | 9000     | 6750   | 1   | 500                         | 1000               | 800               | 1000   |
| Tiverton .....                        | 5                                      | 100      | 5000   | 50     | 50  | 2000   | 150               | 6000     | 4500   |     |                             |                    | 300               | 200    |
| Totals .....                          | 92                                     | 1752     | 70630  | 696    | 412 | 15920  | 1003              | 32815    | 24365  | 18  | 4040                        | 6000               | 13605             | 11465  |

\* Home Consumption—

|                                  |        |
|----------------------------------|--------|
| Mackerel, 12000 lbs., at 5c..... | \$ 600 |
| Herring, 413000 do 4c.....       | 16,520 |
| Cod, 32000 do 4c.....            | 1,280  |
| Pollack, 14000 do 4c.....        | 560    |
| Haddock, 163000 do 4c.....       | 6,480  |
| Halibut, 62500 do 4c.....        | 2,500  |
| Lobsters, 14000 do 4c.....       | 560    |

\$28,540

the Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

|       | KINDS OF FISH.             |           |                               |               |                   |               |               |                |             |                 | FISH PRODUCTS. |                |                    | VALUE. |                             |                               |
|-------|----------------------------|-----------|-------------------------------|---------------|-------------------|---------------|---------------|----------------|-------------|-----------------|----------------|----------------|--------------------|--------|-----------------------------|-------------------------------|
|       | Herring, smoked, in boxes. | Cod, cwt. | Cod Tongues and Sounds, bris. | Pollack, cwt. | Hake Sounds, lbs. | Haddock, cwt. | Halibut, lbs. | Shad, barrels. | Trout, lbs. | Squid, barrels. | Smelt, lbs.    | Eels, barrels. | Fish Oil, gallons. |        | Fish used as bait, barrels. | Fish used as manure, barrels. |
| 28000 | 6869                       | .....     | 275                           | 4681          | 9912              | 388440        | .....         | 2000           | .....       | 1000            | ...            | 5000           | 2100               | 2000   | 117,515                     | 15                            |
| ..... | 600                        | .....     | 130                           | 1000          | 2000              | 7000          | .....         | .....          | .....       | .....           | .....          | 1200           | 650                | 850    | 17,980                      | 00                            |
| ..... | 800                        | .....     | 300                           | 800           | 3500              | 2000          | .....         | .....          | .....       | .....           | .....          | 1200           | 620                | 750    | 21,435                      | 00                            |
| ..... | 390                        | .....     | 150                           | 800           | 2000              | 3600          | .....         | .....          | .....       | .....           | .....          | 850            | 450                | 60     | 13,951                      | 00                            |
| ..... | 1600                       | .....     | 700                           | 1600          | 7000              | 4500          | .....         | .....          | .....       | .....           | .....          | 3800           | 1500               | 800    | 45,790                      | 00                            |
| ..... | 1125                       | .....     | 564                           | 1600          | 6500              | 3000          | .....         | .....          | .....       | .....           | .....          | 2000           | 1000               | 950    | 44,260                      | 25                            |
| ..... | 3100                       | .....     | 480                           | 2000          | 5600              | 1200          | .....         | .....          | .....       | .....           | .....          | 4500           | 1480               | 1100   | 56,282                      | 00                            |
| ..... | 600                        | .....     | 450                           | 500           | 1950              | 650           | .....         | .....          | .....       | .....           | .....          | 2000           | 1400               | 650    | 38,514                      | 00                            |
| ..... | 390                        | .....     | 420                           | 550           | 2010              | 600           | .....         | .....          | .....       | .....           | .....          | 1800           | 1450               | 640    | 24,488                      | 50                            |
| ..... | 560                        | .....     | 100                           | 250           | 750               | 4000          | .....         | .....          | .....       | .....           | .....          | 2500           | 1200               | 650    | 17,495                      | 00                            |
| ..... | 4000                       | .....     | 3200                          | 300           | .....             | 24500         | .....         | .....          | .....       | .....           | .....          | 4000           | 1640               | 325    | 42,772                      | 50                            |
| ..... | 500                        | .....     | .....                         | .....         | .....             | .....         | .....         | .....          | .....       | .....           | .....          | 300            | 500                | 1000   | 53,155                      | 00                            |
| ..... | 15000                      | 100       | 10000                         | 500           | 12000             | 45000         | .....         | .....          | .....       | .....           | .....          | 29000          | 3000               | 200    | 182,285                     | 00                            |
| ..... | 10000                      | 50        | 6000                          | 1000          | 10000             | 20000         | .....         | .....          | .....       | .....           | .....          | 20000          | 3000               | 500    | 129,500                     | 00                            |
| ..... | 2500                       | .....     | 1000                          | 300           | 1500              | .....         | .....         | .....          | .....       | .....           | .....          | 4000           | 500                | .....  | 26,575                      | 00                            |
| ..... | .....                      | .....     | .....                         | .....         | .....             | .....         | .....         | .....          | .....       | .....           | .....          | .....          | .....              | .....  | *28,540                     | 00                            |
| ..... | .....                      | .....     | .....                         | .....         | .....             | .....         | .....         | .....          | .....       | .....           | .....          | .....          | .....              | .....  | †31,720                     | 00                            |
| 28500 | 47534                      | 150       | 23769                         | 15881         | 64722             | 504496        | 145           | 2000           | 500         | 1000            | 40             | 82150          | 20490              | 10475  | 892,258                     | 40                            |

† Shipped fresh (not included in above)—

|   |          |
|---|----------|
| Lobsters, 502 tons at, \$35.....        | \$17,570 |
| Finnan Haddies, 1150 cases, at \$5..... | 5,750    |
| do 130000 lbs, at 4c.....               | 5,200    |
| Haddock, 50000 do 4c.....               | 2,000    |
| Fish Fertilizer, 30 tons, at \$40.....  | 1,200    |

\$31,720

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

| DISTRICTS.                            | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |      |        | FISHING MATERIAL. |          |        |     | Salmon, barrels. | Salmon, fresh, in ice, lbs. | Salmon, smoked, lbs. | Salmon, in cans, lbs. |        |
|---------------------------------------|--|----------|--------|--------|------|--------|-------------------|----------|--------|-----|------------------|-----------------------------|----------------------|-----------------------|--------|
|                                       | Vessels.                               |          |        | Boats. |      |        | Nets.             |          | Weirs. |     |                  |                             |                      |                       |        |
|                                       | No.                                    | Tonnage. | Value. | Men.   | No.  | Value. | Men.              | Fathoms. | Value. | No. |                  |                             |                      |                       | Value. |
| <i>Guysboro'.</i>                     |  |          | \$     |        |      | \$     |                   |          | \$     | \$  |                  |                             |                      |                       |        |
| Fisherman's and Country Harbours..... | 2                                      | 156      | 11600  | 30     | 161  | 6225   | 222               | 14200    | 7100   | 4   | 550              | 5                           |                      |                       | 912    |
| New Harbour.....                      | 1                                      | 20       | 400    | 6      | 80   | 3464   | 111               | 11100    | 5550   |     |                  | 3                           |                      |                       |        |
| Tor Bay and Charlo's Cove.....        | 6                                      | 137      | 2400   | 33     | 115  | 2950   | 216               | 24600    | 12300  |     |                  |                             |                      |                       |        |
| Cole Harb'r to White Head.....        | 3                                      | 70       | 600    | 21     | 260  | 6500   | 390               | 41600    | 20800  |     |                  | 10                          |                      |                       |        |
| Salmon River to Fox Island.....       |  |          |        |        | 142  | 2130   | 284               | 28400    | 14200  | 28  | 4000             | 10                          |                      |                       |        |
| Canso to Dover.....                   | 4                                      | 399      | 20000  | 62     | 166  | 6640   | 332               | 33200    | 16600  | 28  | 4000             | 30                          |                      |                       |        |
| Guysboro'.....                        | 5                                      | 374      | 26700  | 66     | 60   | 1500   | 120               | 12000    | 6000   | 9   | 600              | 25                          |                      |                       |        |
| North Shore.....                      |  |          |        |        | 150  | 2250   | 225               | 21000    | 10500  | 3   | 150              | 6                           |                      |                       |        |
| Straits of Canso.....                 | 9                                      | 370      | 7300   | 70     | 109  | 2890   | 169               | 24000    | 12000  | 5   | 500              |                             |                      |                       |        |
| St. Mary's Bay.....                   | 1                                      | 32       | 1000   | 5      | 24   | 650    | 60                | 2800     | 1000   |     |                  | 3                           | 2173                 | 300                   |        |
| Gegogan Harbour.....                  |  |          |        |        | 12   | 250    | 25                | 1500     | 700    |     |                  |                             | 900                  | 400                   |        |
| Bickerton Harbour.....                | 1                                      | 38       | 1500   | 4      | 34   | 1200   | 60                | 3500     | 1500   |     |                  |                             |                      |                       |        |
| Holland's Harbour.....                |  |          |        |        | 12   | 290    | 15                | 1200     | 480    |     |                  |                             |                      |                       |        |
| Indian Harbour.....                   | 1                                      | 60       | 2000   | 5      | 30   | 400    | 50                | 2400     | 900    | 1   | 80               |                             |                      |                       |        |
| Wine Harbour.....                     | 2                                      | 44       | 1400   | 6      | 25   | 500    | 50                | 3200     | 1400   | 2   | 100              | 4                           | 200                  | 500                   |        |
| Liscombe & Spanish Bays.....          | 3                                      | 89       | 2000   | 16     | 90   | 2000   | 160               | 5000     | 2400   | 2   | 70               | 2                           | 200                  | 100                   |        |
| Keum Secum.....                       |  |          |        |        | 40   | 900    | 46                | 2000     | 850    |     |                  | 1                           | 260                  | 150                   |        |
| Marie Joseph.....                     |  |          |        |        | 50   | 1000   | 70                | 2800     | 900    |     |                  |                             | 400                  | 200                   |        |
| St. Mary's River.....                 | 1                                      | 19       | 600    | 3      | 18   | 360    | 26                | 1300     | 450    |     |                  | 4                           | 13000                | 400                   | 140    |
| Head of County Harbour River.....     |  |          |        |        | 4    | 50     | 4                 | 180      | 70     |     |                  | 1                           | 500                  |                       |        |
| Totals.....                           | 39                                     | 1808     | 77500  | 327    | 1582 | 42149  | 2635              | 235980   | 115700 | 82  | 10050            | 104                         | 17633                | 2350                  | 1052   |

\* Home consumption.

the Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

| KINDS OF FISH.     |                   |                    |           |                                  |               |               |               |                |             |                 |             |                |                 | FISH PRODUCTS.     |                   |                             | TOTAL.  |    |
|--------------------|-------------------|--------------------|-----------|----------------------------------|---------------|---------------|---------------|----------------|-------------|-----------------|-------------|----------------|-----------------|--------------------|-------------------|-----------------------------|---------|----|
| Mackerel, barrels. | Herring, barrels. | Alewives, barrels. | Cod, cwt. | Cod Tongues and Sounds, barrels. | Pollack, cwt. | Haddock, cwt. | Halibut, lbs. | Shad, barrels. | Trout, lbs. | Squid, barrels. | Smelt, lbs. | Eels, barrels. | Lobsters, cans. | Fish Oil, gallons. | Fish Guano, tons. | Fish used as bait, barrels. |         | \$ |
| 1026               | 6490              | 213                | 5075      | 5                                | .....         | 71            | .....         | .....          | 1000        | .....           | 2000        | .....          | 91200           | 2537               | .....             | .....                       | 74,705  | 70 |
| 370                | 2220              | 37                 | 1850      | 5                                | .....         | 185           | 7400          | .....          | 2000        | .....           | 2000        | 3              | .....           | 925                | .....             | .....                       | 22,639  | 25 |
| 718                | 2370              | 147                | 4495      | 27                               | .....         | 500           | 600           | .....          | 3000        | .....           | .....       | 5              | 105600          | 2250               | .....             | .....                       | 55,854  | 25 |
| 2420               | 4600              | 520                | 3500      | 25                               | .....         | 2120          | 7800          | .....          | 1000        | .....           | 1600        | 10             | 124800          | 1750               | .....             | .....                       | 87,901  | 50 |
| 1420               | 882               | 8                  | 1420      | 10                               | .....         | 1846          | .....         | .....          | .....       | 400             | .....       | .....          | 45600           | 700                | .....             | .....                       | 39,281  | 00 |
| 2800               | 1488              | 532                | 16300     | 10                               | 332           | 2033          | 7000          | 5              | 1000        | 600             | 1000        | 10             | 216000          | 8000               | 90                | 1000                        | 157,262 | 50 |
| 1200               | 1800              | 120                | 6548      | 5                                | .....         | 300           | .....         | .....          | 1000        | .....           | 1000        | 15             | .....           | 3250               | .....             | .....                       | 51,411  | 50 |
| 2250               | 7500              | 450                | 1000      | .....                            | .....         | 1000          | .....         | .....          | 600         | .....           | .....       | 10             | .....           | 500                | .....             | .....                       | 62,609  | 00 |
| 2220               | 4920              | 25                 | 240       | .....                            | .....         | 240           | .....         | .....          | .....       | .....           | .....       | .....          | .....           | 120                | .....             | .....                       | 43,918  | 00 |
| 8                  | 450               | 5                  | 150       | .....                            | .....         | 15            | 500           | .....          | .....       | 12              | .....       | .....          | 43000           | 80                 | 30                | .....                       | 9,748   | 60 |
| 5                  | 140               | 5                  | 145       | .....                            | .....         | 1             | 300           | .....          | .....       | 4               | .....       | .....          | .....           | 70                 | 30                | .....                       | 1,679   | 25 |
| 50                 | 1000              | 10                 | 300       | 10                               | .....         | 30            | 600           | .....          | 1800        | 10              | .....       | 9              | 67200           | 160                | 50                | .....                       | 16,454  | 00 |
| 12                 | 290               | 2                  | 80        | .....                            | .....         | 10            | 300           | .....          | .....       | 15              | .....       | 3              | .....           | 40                 | 10                | .....                       | 1,804   | 00 |
| 15                 | 1740              | 10                 | 25        | .....                            | .....         | 5             | 200           | 2              | 500         | 14              | 5000        | 4              | .....           | 15                 | 5                 | .....                       | 7,738   | 50 |
| 25                 | 900               | 10                 | 60        | .....                            | .....         | 5             | 600           | .....          | .....       | .....           | .....       | .....          | .....           | 30                 | 12                | .....                       | 4,442   | 00 |
| 130                | 2000              | 150                | 2370      | .....                            | .....         | 75            | 1000          | .....          | 300         | 20              | 500         | 2              | 80640           | 1200               | 60                | .....                       | 33,473  | 00 |
| 50                 | 80                | 10                 | 750       | .....                            | .....         | .....         | 2400          | .....          | 4600        | 50              | 2000        | 10             | .....           | 80                 | 15                | .....                       | 5,044   | 50 |
| 80                 | 600               | 7                  | 2200      | 6                                | 5             | 25            | 4000          | .....          | .....       | 60              | 1000        | 40             | 75120           | 650                | 80                | .....                       | 25,515  | 50 |
| .....              | 80                | 50                 | 60        | .....                            | .....         | .....         | 600           | 2              | 3500        | .....           | 1200        | 10             | .....           | .....              | 20                | .....                       | 3,999   | 00 |
| .....              | .....             | 16                 | .....     | .....                            | .....         | .....         | .....         | .....          | 200         | .....           | 300         | .....          | .....           | .....              | .....             | .....                       | 212     | 00 |
| .....              | .....             | .....              | .....     | .....                            | .....         | .....         | .....         | .....          | .....       | .....           | .....       | .....          | .....           | .....              | .....             | .....                       | *41,500 | 00 |
| 14799              | 39520             | 2327               | 46568     | 93                               | 347           | 8461          | 33300         | 9              | 20500       | 1185            | 17600       | 131            | 849180          | 22357              | 90                | 1312                        | 747,193 | 05 |

## RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

| DISTRICT.          | VESSELS AND BOATS EMPLOYED<br>IN FISHING. |          |            |             |            | FISHING MATERIAL. |             |          |             |
|--------------------|---|----------|------------|-------------|------------|-------------------|-------------|----------|-------------|
|                    | Vessels.                                  |          | Boats.     |             |            | Nets.             |             | Weirs.   |             |
|                    | No.                                       | Tonnage. | No.        | Value.      | Men.       | Fathoms.          | Value.      | No.      | Value.      |
| <i>Hants.</i>      |   |          |            | \$          |            |                   | \$          |          | \$          |
| Maitland .....     |   |          | 28         | 630         | 32         | 2456              | 600         |          |             |
| Selma .....        |   |          | 4          | 180         | 8          | 1120              | 255         |          |             |
| Noël .....         |   |          | 2          | 100         | 4          | 600               | 130         | 1        | 350         |
| Burn Coat .....    |   |          | 1          | 40          | 2          | 300               | 65          |          |             |
| Tennicape .....    |   |          | 3          | 130         | 6          | 850               | 235         | 1        | 75          |
| Walton .....       |   |          | 11         | 390         | 22         | 3120              | 680         | 1        | 60          |
| Shubenacadie ..... |   |          | 76         | 456         | 76         | 1150              | 510         |          |             |
| West Hants .....   |   |          | 20         | 600         | 32         | 6400              | 2000        | 6        | 650         |
| <b>Totals.....</b> |   |          | <b>145</b> | <b>2526</b> | <b>182</b> | <b>15590</b>      | <b>4475</b> | <b>9</b> | <b>1135</b> |

the Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

| KINDS OF FISH.              |                      |                   |                            |                    |           |                |            |             |             | FISH PRODUCTS.     |                      |                   | VALUE: |    |
|-----------------------------|----------------------|-------------------|----------------------------|--------------------|-----------|----------------|------------|-------------|-------------|--------------------|----------------------|-------------------|--------|----|
| Salmon, fresh, in ice, lbs. | Salmon, smoked, lbs. | Herring, barrels. | Herring, smoked, in boxes. | Alewives, barrels. | Cod, cwt. | Shad, barrels. | Bass, lbs. | Trout, lbs. | Smelt, lbs. | Fish Oil, gallons. | Fish Roscs, barrels. | Fish Guano, tons. |        | \$ |
| 826                         |                      |                   |                            | 69                 | 12        | 84             |            |             |             | 5                  |                      |                   | 1,167  | 25 |
| 323                         |                      |                   |                            |                    |           | 36             |            |             |             |                    |                      |                   | 352    | 60 |
| 126                         |                      |                   |                            |                    | 15        | 31             |            |             |             | 7                  |                      |                   | 341    | 50 |
| 45                          |                      |                   |                            |                    |           | 5              |            |             |             |                    |                      |                   | 49     | 00 |
| 395                         |                      |                   |                            |                    |           | 48             |            |             |             |                    |                      |                   | 463    | 00 |
| 360                         |                      | 30                |                            |                    |           | 31             |            |             |             |                    |                      |                   | 440    | 00 |
| 495                         |                      |                   |                            | 262                |           | 68             | 855        |             |             |                    |                      |                   | 1,742  | 30 |
| 900                         | 50                   | 200               | 300                        |                    | 20        | 200            |            | 300         | 1000        |                    |                      |                   | 2,828  | 00 |
|                             |                      |                   |                            |                    |           |                |            |             |             |                    |                      |                   | *3,928 | 00 |
| 3469                        | 50                   | 230               | 300                        | 331                | 47        | 503            | 855        | 300         | 1000        | 12                 |                      |                   | 11,311 | 65 |

\* Home Consumption—  
 Herring, 16,000 lbs., at 4c..... \$ 640  
 Alewives, 55,200 do 4c..... 2,208  
 Cod, 27,000 do 4c..... 1,080  
\$3,928



RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

| DISTRICT.   | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |      |        | FISHING MATERIAL. |          |        |           |                  |                             |                      |        |
|---|--|----------|--------|--------|------|--------|-------------------|----------|--------|-----------|------------------|-----------------------------|----------------------|--------|
|   | Vessels.                               |          |        | Boats. |      |        | Nets.             |          | Weirs. |           | Salmon, barrels. | Salmon, fresh, in ice, lbs. | Salmon, smoked, lbs. |        |
|   | No.                                    | Tonnage. | Value. | Men.   | No.  | Value. | Men.              | Fathoms. | Value. | No.       |                  |                             |                      | Value. |
| <i>Halifax.</i>   |  |          | \$     |        |      | \$     |                   |          | \$     |           | \$               |                             |                      |        |
| Ecum Secum to Beaver Harbour.....                         |  |          |        |        | 40   | 850    | 70                | 2400     | 850    |           |                  |                             | 700                  | 3185   |
| Sober Island to Sheet Harbour.....                        |  |          |        |        | 22   | 724    | 56                | 3500     | 1134   |           |                  | 1                           | 1500                 | 2000   |
| Mushaboon to Pope's Harbour.....                          | 6                                      | 297      | 7100   | 46     | 73   | 2200   | 108               | 21440    | 6526   |           |                  |                             |                      |        |
| Tangier to Ship Har. W. Ship Harbour to Clam Harbour..... | 2                                      | 50       | 1700   | 9      | 53   | 1720   | 67                | 7800     | 2500   |           |                  |                             | 2000                 |        |
| East and West Jeddore.....                                | 2                                      | 26       | 600    | 4      | 71   | 1725   | 93                | 8140     | 2442   | *2        | 1273             | 3                           | 1300                 | 600    |
| Musquodoboit Har. to East Chezzetcook..                   | 4                                      | 100      | 3500   | 26     | 94   | 2915   | 118               | 7120     | 2136   | {†1<br>*1 | {300<br>2200}    |                             |                      | 780    |
| N. side W. Chezzetcook to Lawrence-town.....              | 1                                      | 20       | 300    | 5      | 155  | 3403   | 162               | 9660     | 2898   |           |                  |                             | 1100                 | 1860   |
| Cole Harbour to Devil's Island.....                       | 16                                     | 422      | 16300  | 87     | 188  | 2394   | 174               | 23456    | 7032   |           |                  |                             | 400                  |        |
| North Shore.....  |  |          |        |        | 97   | 2038   | 106               | 8740     | 2622   |           |                  |                             | 2000                 |        |
| East Margaret's Bay.                                      | 5                                      | 125      | 4500   | 30     | 195  | 5850   | 170               | 19520    | 3156   | 50        | 10000            |                             | 4060                 |        |
| Indian Harbour.....                                       | 5                                      | 100      | 4000   | 30     | 148  | 4440   | 153               | 10000    | 3000   | 65        | 13000            |                             | 1000                 |        |
| Peggy's Cove.....   | 5                                      | 200      | 6400   | 48     | 123  | 3690   | 102               | 4300     | 1290   | 30        | 6000             |                             | 5400                 |        |
| Dover.....  |  |          |        |        | 85   | 2550   | 85                | 15500    | 4650   | 61        | 12200            |                             | 1200                 |        |
| Prospect.....   | 9                                      | 180      | 7200   | 54     | 100  | 3000   | 106               | 12700    | 3810   | 39        | 7800             |                             | 20300                |        |
| Terrence Bay.....   | 5                                      | 125      | 4000   | 30     | 350  | 10500  | 300               | 52000    | 15600  | 81        | 16200            |                             | 1200                 |        |
| Pennent.....  | 17                                     | 340      | 15300  | 102    | 132  | 3960   | 118               | 13300    | 3990   | 34        | 6800             |                             |                      |        |
| Sambro.....   | 2                                      | 40       | 1800   | 12     | 94   | 2820   | 94                | 6040     | 1812   | 9         | 1800             |                             |                      |        |
| Ketch Harbour.....  | 3                                      | 60       | 1650   | 18     | 136  | 6800   | 127               | 4800     | 1440   | 3         | 600              |                             |                      |        |
| Portuguese Cove.....                                      | 7                                      | 140      | 4900   | 42     | 150  | 3000   | 130               | 7200     | 2160   | 13        | 2600             |                             |                      |        |
| Herring Cove.....   |  |          |        |        | 97   | 1940   | 98                | 32400    | 9720   | 18        | 3600             |                             | 12500                |        |
| Ferguson's Cove.....                                      | 14                                     | 365      | 11300  | 87     | 142  | 4260   | 150               | 10500    | 3150   | 38        | 7600             |                             | 500                  |        |
| Bedford Basin.....  | 2                                      | 50       | 1200   | 12     | 71   | 1420   | 90                | 5100     | 1530   | 34        | 6800             |                             |                      |        |
| Halifax City.....   |  |          |        |        | 10   | 300    | 20                | 2000     | 600    | 2         | 400              |                             | 1000                 |        |
| Totals.....   | 3                                      | 270      | 10500  | 42     |      |        |                   |          |        |           |                  | 2542                        |                      |        |
| Totals.....   | 108                                    | 2910     | 102250 | 684    | 2626 | 72489  | 2697              | 278616   | 84048  | 481       | 99173            | 2546                        | 55800                | 8225   |

\* Traps.

† Seine.

the Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

| KINDS OF FISH.     |                   |                    |           |                               |               |                   |               |               |             |              |                |                 | FISH PRODUCTS.     |                             | VALUE.   |      |
|--------------------|-------------------|--------------------|-----------|-------------------------------|---------------|-------------------|---------------|---------------|-------------|--------------|----------------|-----------------|--------------------|-----------------------------|----------|------|
| Mackerel, barrels. | Herring, barrels. | Alewives, barrels. | Cod, cwt. | Cod Tongues and Sounds, brls. | Pollock, cwt. | Hake Sounds, lbs. | Haddock, cwt. | Halibut, lbs. | Trout, lbs. | Smaelt, lbs. | Eels, barrels. | Lobsters, cans. | Fish Oil, gallons. | Fish used as bait, barrels. | \$       | cts. |
| 166                | 420               | 100                | 700       | .....                         | 5             | .....             | 75            | 400           | 1400        | .....        | .....          | 435160          | 369                | 80                          | 73,473   | 85   |
| 59                 | 555               | 25                 | 457       | .....                         | .....         | .....             | 55            | .....         | 2000        | .....        | 7              | 174728          | 250                | 50                          | 32,367   | 45   |
| 920                | 2900              | 11                 | 1200      | .....                         | 120           | .....             | 144           | .....         | 500         | .....        | .....          | 168400          | 780                | 143                         | 52,808   | 00   |
| 284                | 2197              | 300                | 1000      | .....                         | 9             | .....             | 120           | 400           | 600         | .....        | .....          | 52800           | 500                | 100                         | 26,334   | 50   |
| 938                | 1965              | 180                | 520       | .....                         | 10            | .....             | 40            | .....         | 2700        | .....        | 10             | 84000           | 260                | 50                          | 33,850   | 00   |
| 448                | 1421              | 40                 | 2904      | .....                         | 200           | .....             | 350           | .....         | .....       | 1500         | 25             | .....           | 1725               | 175                         | 26,358   | 25   |
| 240                | 1370              | 209                | 2700      | .....                         | 20            | .....             | 137           | 3000          | 4000        | 25000        | 35             | 105600          | 1412               | 200                         | 40,485   | 30   |
| 990                | 2242              | 550                | 4768      | .....                         | 25            | .....             | 120           | 2000          | 1000        | 75000        | .....          | .....           | 2500               | 400                         | 48,624   | 50   |
| 158                | 945               | 55                 | 1627      | .....                         | .....         | .....             | 195           | 1800          | 1500        | 1500         | 8              | .....           | 850                | 160                         | 14,649   | 75   |
| 1970               | 230               | 60                 | 250       | 3                             | .....         | 300               | 150           | .....         | .....       | .....        | 30             | .....           | 240                | 25                          | 24,019   | 50   |
| 465                | 300               | 25                 | 940       | 19                            | .....         | .....             | 100           | .....         | .....       | .....        | .....          | .....           | 570                | 94                          | 11,092   | 50   |
| 2540               | 2560              | 200                | 1840      | 37                            | .....         | 500               | 800           | 8000          | .....       | .....        | .....          | 70000           | 1590               | 184                         | 61,096   | 50   |
| 630                | 420               | 25                 | 370       | 8                             | .....         | .....             | 100           | .....         | .....       | .....        | .....          | .....           | 240                | 370                         | 10,824   | 50   |
| 2530               | 1160              | 50                 | 500       | 10                            | .....         | 2000              | 1130          | 4000          | .....       | .....        | 20             | .....           | 900                | 150                         | 43,445   | 00   |
| 4580               | 3575              | 100                | 830       | 17                            | .....         | .....             | 100           | .....         | .....       | .....        | .....          | 96000           | 510                | 83                          | 79,551   | 00   |
| 2100               | 120               | 25                 | 1240      | 25                            | .....         | 3000              | 1500          | 8000          | .....       | .....        | .....          | .....           | 1650               | 155                         | 36,982   | 50   |
| 1040               | 250               | 75                 | 1140      | 23                            | .....         | 500               | 250           | .....         | .....       | .....        | .....          | .....           | 840                | 114                         | 18,741   | 00   |
| 775                | 480               | .....              | 2100      | 41                            | .....         | .....             | .....         | 1000          | .....       | .....        | .....          | 61100           | 1230               | 201                         | 29,107   | 50   |
| 101                | 1530              | 30                 | 2700      | 54                            | .....         | .....             | .....         | 9500          | .....       | .....        | .....          | .....           | 1620               | 270                         | 20,992   | 00   |
| 425                | 3220              | .....              | 250       | 5                             | .....         | .....             | .....         | .....         | .....       | .....        | .....          | .....           | 150                | 25                          | 20,850   | 00   |
| 210                | 2160              | .....              | 5175      | 102                           | .....         | .....             | .....         | 224000        | .....       | .....        | .....          | .....           | 3060               | 520                         | 49,496   | 75   |
| 110                | 730               | .....              | 400       | 8                             | .....         | .....             | .....         | .....         | .....       | .....        | .....          | .....           | 210                | 40                          | 5,972    | 00   |
| 200                | 200               | .....              | 50        | 1                             | .....         | .....             | .....         | .....         | .....       | .....        | .....          | .....           | 60                 | .....                       | 3,258    | 50   |
| .....              | 10058             | .....              | 18063     | 361                           | .....         | .....             | .....         | .....         | 1240        | .....        | .....          | .....           | 10830              | .....                       | 173,066  | 25   |
| .....              | .....             | .....              | .....     | .....                         | .....         | .....             | .....         | .....         | .....       | .....        | .....          | .....           | .....              | .....                       | * 52,400 | 00   |
| .....              | .....             | .....              | .....     | .....                         | .....         | .....             | .....         | .....         | .....       | .....        | .....          | .....           | .....              | .....                       | † 5,900  | 00   |
| 21878              | 41008             | 2060               | 51724     | 714                           | 389           | 6300              | 5366          | 262200        | 26100       | 103000       | 135            | 1247788         | 32376              | 3589                        | 995,747  | 10   |

\* Value sold in Halifax Fish Market, \$37,000; consumed by inhabitants, \$15,400.  
 † Clams, 500 brls., at \$7, \$3,500; 60,000 lbs. herring sold for bait, at 4c., \$2,400.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

| DISTRICT.                         | VESSELS AND BOATS EMPLOYED IN FISHING. |      |        |        |      | FISHING MATERIAL. |        |        |        | Salmon, fresh, in ice, lbs. | Mackerel, barrels. |
|-----------------------------------|--|------|--------|--------|------|-------------------|--------|--------|--------|-----------------------------|--------------------|
|                                   | Vessels.                               |      | Boats. |        |      | Nets.             |        | Weirs. |        |                             |                    |
|                                   | No.                                    | Men. | No.    | Value. | Men. | Fathoms.          | Value. | No.    | Value. |                             |                    |
| <i>King's.</i>                    |  |      |        | \$     |      |                   | \$     |        | \$     |                             |                    |
| Baxter's Hole and Black Hole..... |  |      | 18     | 540    | 36   | 550               | 270    |        |        |                             |                    |
| Hall's Harbour .....              | 4                                      | 16   | 28     | 780    | 52   | 875               | 437    | 3      | 750    | 8000                        |                    |
| Black Rock .....                  |  |      | 11     | 330    | 22   | 300               | 150    | 4      | 500    |                             |                    |
| Harbourville .....                | 3                                      | 12   | 5      | 150    | 10   | 2000              | 600    | 8      | 700    | 20000                       |                    |
| Morden Bay.....                   |  |      | 4      | 120    | 8    | 620               | 310    | 3      | 300    | 1800                        | 20                 |
| Scot's Bay .....                  | 1                                      | 4    |        |        |      | 2650              | 1300   | 4      | 800    |                             |                    |
| Medford and Pereaux.....          |  |      |        |        |      |                   |        | 8      | 400    |                             |                    |
| Long and Little Islands .....     |  |      |        |        |      | 3500              | 800    | 5      | 650    |                             |                    |
| Starr's Point .....               |  |      |        |        |      | 3500              | 750    | 3      | 450    |                             |                    |
| Porter's Point.....               |  |      |        |        |      | 1200              | 300    | 2      | 200    |                             |                    |
| Kingsport.....                    |  |      |        |        |      | 1100              | 300    | 2      | 200    |                             |                    |
| Gaspereaux .....                  |  |      | 6      | 60     | 7    | 240               | 100    |        |        | 1500                        |                    |
| Aylesford .....                   |  |      |        |        |      |                   |        |        |        | 1500                        |                    |
| Kentville .....                   |  |      |        |        |      |                   |        |        |        |                             |                    |
| Totals .....                      | 8                                      | 32   | 72     | 1980   | 135  | 16535             | 5317   | 42     | 4950   | 32800                       | 20                 |

the Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

| KINDS OF FISH.    |                            |                    |           |               |               |                |             |             | FISH PRODUCTS.     |                               | VALUE.    |
|-------------------|----------------------------|--------------------|-----------|---------------|---------------|----------------|-------------|-------------|--------------------|-------------------------------|-----------|
| Herring, barrels. | Herring, smoked, in boxes. | Alewives, barrels. | Cod, cwt. | Pollock, cwt. | Haddock, cwt. | Shad, barrels. | Trout, lbs. | Smelt, lbs. | Fish Oil, gallons. | Fish used as manure, barrels. |           |
| 500               |                            |                    | 60        | 130           | 70            |                |             |             | 250                | 225                           | \$ cts.   |
| 1200              | 3000                       |                    | 350       | 260           | 100           |                |             |             | 450                | 600                           | 3,230 00  |
| 800               | 7000                       |                    | 260       | 150           | 160           |                |             |             | 250                | 200                           | 10,455 00 |
| 3900              | 4000                       |                    | 325       |               |               |                |             |             | 300                | 3450                          | 6,937 50  |
| 2252              | 3500                       |                    | 140       |               |               |                |             |             | 150                | 40                            | 23,901 25 |
| 517               | 2700                       |                    |           |               |               |                |             |             | 100                | 500                           | 11,155 50 |
| 70                | 2000                       |                    |           |               |               |                |             |             |                    | 200                           | 3,434 00  |
|                   |                            |                    |           |               |               | 210            |             |             |                    | 30                            | 850 00    |
|                   |                            |                    |           |               |               | 36             |             |             |                    | 18                            | 1,695 00  |
|                   |                            |                    |           |               |               | 30             |             |             |                    | 20                            | 297 00    |
|                   |                            |                    | 12        |               |               | 32             |             |             |                    | 50                            | 150 00    |
|                   |                            | 200                |           |               |               |                | 700         | 6000        |                    |                               | 322 00    |
|                   |                            |                    |           |               |               |                | 300         |             |                    |                               | 1,502 00  |
|                   |                            |                    |           |               |               |                |             | 2000        |                    |                               | 318 00    |
|                   |                            |                    |           |               |               |                |             |             |                    |                               | 120 00    |
|                   |                            |                    |           |               |               |                |             |             |                    |                               | *3,706 80 |
| 9239              | 22200                      | 200                | 1087      | 530           | 270           | 355            | 1000        | 8000        | 1500               | 5313                          | 68,204 05 |

\* Home Consumption—

|                |                       |           |
|----------------|-----------------------|-----------|
| Salmon, fresh, | 2200 lbs, at 15c..... | \$ 330 00 |
| Mackerel do    | 2000 do 5c.....       | 100 00    |
| Herring do     | 70000 do 4c.....      | 2,800 00  |
| Cod do         | 4200 do 4c.....       | 169 60    |
| Haddock do     | 3180 do 4c.....       | 127 20    |
| Halibut do     | 500 do 4c.....        | 20 00     |
| Shad do        | 4000 do 4c.....       | 160 00    |

3,706 80

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

| DISTRICT.   | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |       |        |        |      | FISHING MATERIAL. |        |        |        | Salmon, fresh, in ice, lbs. | Salmon, smoked, lbs. | Mackerel, barrels. | Mackerel, in cans. |
|---|--|----------|--------|-------|--------|--------|------|-------------------|--------|--------|--------|-----------------------------|----------------------|--------------------|--------------------|
|   | Vessels.                               |          |        |       | Boats. |        |      | Nets.             |        | Weirs. |        |                             |                      |                    |                    |
|   | No.                                    | Tonnage. | Value. | Men.  | No.    | Value. | Men. | Fathoms.          | Value. | No.    | Value. |                             |                      |                    |                    |
| <i>Lunenburg.</i>                                 |  |          | \$     |       |        | \$     |      | \$                | \$     |        |        |                             |                      |                    |                    |
| Chester .....                                     | 4                                      | 211      | 6000   | 48    | 100    | 1000   | 200  | 1800              | 1000   | 10     | 3000   | 95000                       | 4500                 | 3500               | 1500               |
| Martin's River .....                              | 2                                      | 85       | 1200   | 24    | 30     | 300    | 60   | 900               | 500    | 4      | 1200   | 1300                        | 400                  | 300                | .....              |
| Fox Point .....                                   | 1                                      | 25       | 400    | 7     | 50     | 500    | 100  | 300               | 150    | 11     | 1500   | 400                         | .....                | 2400               | .....              |
| Mill Cove .....                                   | .....                                  | .....    | .....  | ..... | 40     | 400    | 80   | 4000              | 2000   | 13     | 3000   | 200                         | .....                | 2000               | .....              |
| Lodge .....                                       | .....                                  | .....    | .....  | ..... | 30     | 300    | 60   | 1500              | 1500   | 8      | 2400   | 100                         | .....                | 1600               | .....              |
| North-West Cove .....                             | .....                                  | .....    | .....  | ..... | 50     | 500    | 100  | 1200              | 1100   | 10     | 3000   | 2000                        | 50                   | 2800               | .....              |
| Aspotogen .....                                   | 1                                      | 14       | 500    | 7     | 40     | 400    | 80   | 1500              | 1200   | 10     | 3000   | 500                         | .....                | 3200               | .....              |
| Sandy Beach .....                                 | .....                                  | .....    | .....  | ..... | 30     | 300    | 60   | 500               | 400    | 13     | 3500   | 100                         | .....                | 2500               | .....              |
| Blandford .....                                   | 1                                      | 40       | 800    | 10    | 60     | 600    | 120  | 6500              | 5500   | 12     | 3500   | 500                         | .....                | 3500               | .....              |
| Little Tancook .....                              | .....                                  | .....    | .....  | ..... | 24     | 300    | 50   | 1300              | 1200   | 7      | 2100   | 100                         | .....                | 2500               | .....              |
| Big Tancook .....                                 | .....                                  | .....    | .....  | ..... | 90     | 1200   | 200  | 8000              | 6000   | 13     | 3900   | 1000                        | .....                | 5500               | .....              |
| Deep Cove .....                                   | .....                                  | .....    | .....  | ..... | 20     | 200    | 40   | 900               | 700    | 9      | 2700   | 50                          | .....                | 2800               | .....              |
| Ironbound .....                                   | .....                                  | .....    | .....  | ..... | 15     | 200    | 30   | 900               | 800    | 8      | 2500   | .....                       | .....                | 1200               | .....              |
| Lunenburg to Cross Island .....                   | 95                                     | 5937     | 332500 | 1050  | 300    | 6000   | 600  | 11000             | 10000  | .....  | .....  | 100                         | 500                  | 4000               | .....              |
| Mahone Bay to Martin's River Island .....         | 37                                     | 2112     | 90206  | 330   | 200    | 5000   | 500  | 3000              | 2000   | .....  | .....  | 300                         | 200                  | 800                | .....              |
| E. LaHave River to Ironbound Island .....         | 37                                     | 2220     | 108900 | 330   | 400    | 10000  | 1000 | 8000              | 7000   | .....  | .....  | 500                         | 300                  | 1000               | .....              |
| W. side LaHave Riv to Cape LaHave & Islands ..... | 48                                     | 2500     | 110635 | 450   | 450    | 10000  | 1100 | 11000             | 10000  | .....  | .....  | 400                         | 200                  | 2000               | .....              |
| Totals .....                                      | 226                                    | 13144    | 651141 | 2256  | 1929   | 37200  | 4380 | 62300             | 51050  | 128    | 35300  | 102550                      | 6150                 | 40800              | 1500               |

the Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued

| KINDS OF FISH.    |                    |           |                                  |               |                       |               |               |             |                 |             |                |                 | FISH PRODUCTS.     |                   |                             |                               | VALUE.    |      |
|-------------------|--------------------|-----------|----------------------------------|---------------|-----------------------|---------------|---------------|-------------|-----------------|-------------|----------------|-----------------|--------------------|-------------------|-----------------------------|-------------------------------|-----------|------|
| Herring, barrels. | Alewives, barrels. | Cod, cwt. | Cod Tongues and Sounds, barrels. | Pollack, cwt. | Hake and Sounds, lbs. | Haddock, cwt. | Halibut, lbs. | Trout, lbs. | Squid, barrels. | Smelt, lbs. | Bels, barrels. | Lobsters, cans. | Fish Oil, gallons. | Fish Guano, tons. | Fish used as bait, barrels. | Fish used us manure, barrels. | \$        | cts. |
| 1000              | 1000               | 1200      | 20                               | 200           | 100                   | 250           | .....         | 2000        | 200             | 1000        | 20             | 140000          | 1400               | ....              | 300                         | 1000                          | 93,910    | 00   |
| 100               | 114                | 3800      | 20                               | 20            | 40                    | 200           | 600           | 1000        | ....            | 400         | 10             | .....           | 2000               | ....              | 100                         | 40                            | 22,926    | 00   |
| 150               | 20                 | 500       | ....                             | 8             | ....                  | 50            | .....         | .....       | .....           | .....       | .....          | .....           | 250                | ....              | 50                          | 20                            | 27,310    | 50   |
| 120               | 10                 | 100       | ....                             | ....          | ....                  | 50            | .....         | .....       | .....           | .....       | .....          | .....           | 50                 | ....              | 20                          | .....                         | 21,212    | 50   |
| 80                | 5                  | 20        | ....                             | ....          | ....                  | 10            | .....         | .....       | .....           | .....       | .....          | .....           | 10                 | ....              | 5                           | .....                         | 16,531    | 50   |
| 400               | 15                 | 200       | ....                             | ....          | ....                  | 100           | .....         | .....       | .....           | .....       | .....          | .....           | 150                | ....              | 20                          | 40                            | 31,407    | 50   |
| 100               | 4                  | 100       | ....                             | ....          | ....                  | 50            | .....         | .....       | 40              | .....       | .....          | .....           | 55                 | ....              | 10                          | .....                         | 33,321    | 75   |
| 100               | 20                 | 100       | ....                             | ....          | ....                  | 60            | .....         | .....       | .....           | .....       | .....          | .....           | 75                 | ....              | 10                          | .....                         | 26,193    | 75   |
| 200               | 100                | 400       | ....                             | ....          | ....                  | 800           | 900           | .....       | .....           | .....       | .....          | .....           | 500                | ....              | 50                          | 150                           | 41,304    | 00   |
| 900               | 40                 | 300       | ....                             | ....          | ....                  | 200           | .....         | .....       | .....           | .....       | .....          | .....           | 150                | ....              | 30                          | 10                            | 30,890    | 00   |
| 750               | 10                 | 3000      | ....                             | 10            | .....                 | 200           | 2000          | .....       | .....           | .....       | .....          | .....           | 1500               | ....              | 200                         | 50                            | 73,045    | 00   |
| 100               | 10                 | .....     | ....                             | 20            | .....                 | .....         | .....         | .....       | .....           | .....       | .....          | .....           | .....              | ....              | .....                       | .....                         | 29,520    | 00   |
| 300               | .....              | 300       | ....                             | .....         | .....                 | 50            | .....         | .....       | .....           | .....       | .....          | .....           | 150                | ....              | 30                          | .....                         | 14,777    | 50   |
| 9000              | .....              | 108000    | 90                               | 8000          | 300                   | 25000         | 90000         | 1800        | 200             | 2000        | 80             | .....           | 85000              | 60                | 1200                        | 800                           | 708,048   | 00   |
| 6000              | 20                 | 18000     | 25                               | 2500          | 25                    | 5975          | 30000         | 3000        | ....            | 2000        | 30             | .....           | 16000              | 40                | 400                         | 300                           | 152,462   | 50   |
| 10000             | 20                 | 35000     | 30                               | 4000          | 33                    | 8277          | 40000         | 1500        | 100             | 1500        | 60             | .....           | 23000              | 30                | 500                         | 400                           | 261,822   | 50   |
| 12000             | 30                 | 50000     | 40                               | 5000          | 40                    | 10000         | 30000         | 2000        | 100             | 4000        | 80             | 9000            | 41000              | 60                | 600                         | 500                           | 366,590   | 00   |
|                   |                    |           |                                  |               |                       |               |               |             |                 |             |                |                 |                    |                   |                             |                               | *7,665    | 00   |
| 41310             | 1418               | 219020    | 225                              | 19758         | 538                   | 51272         | 193500        | 11300       | 640             | 10900       | 280            | 149000          | 171290             | 190               | 3625                        | 3315                          | 1,949,938 | 00   |

\* Home Consumption—

|                                       |        |
|---------------------------------------|--------|
| Salmon, fresh, 1,500 lbs. at 15c..... | \$ 225 |
| Cod, 6,000 lbs., at 4c.....           | 240    |
| Herring, 100,000 lbs., at 4c.....     | 4,000  |
| Alewives, 40,000 lbs., at 4c.....     | 1,600  |
| Lobsters, 15,000 lbs., at 4c.....     | 600    |
| Trout, 10,000 lbs., at 6c.....        | 600    |
| Hake, 10,000 lbs., at 4c.....         | 400    |

\$ 7,665

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

| DISTRICT.           | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |     |        | FISHING MATERIAL. |          |        |       | Salmon, fresh, in ice, lbs. | Salmon, smoked, lbs. | Mackerel, barrels. |        |
|---------------------|--|----------|--------|--------|-----|--------|-------------------|----------|--------|-------|-----------------------------|----------------------|--------------------|--------|
|                     | Vessels.                               |          |        | Boats. |     |        | Nets.             |          | Weirs. |       |                             |                      |                    |        |
|                     | No.                                    | Tonnage. | Value. | Men.   | No. | Value. | Men.              | Fathoms. | Value. | No.   |                             |                      |                    | Value. |
| <i>Pictou.</i>      |  |          | \$     |        |     | \$     |                   | \$       | \$     |       |                             |                      |                    |        |
| Pictou Island.....  |  |          |        |        |     |        | 360               | 160      |        |       |                             |                      |                    | 80     |
| Chance Harbour..... |  |          |        |        |     |        | 1600              | 2000     |        |       |                             | 9000                 |                    | 15     |
| Little Harbour..... |  |          |        |        |     |        | 1300              | 1850     |        |       |                             | 10000                |                    | 30     |
| Big Island.....     |  |          |        |        |     |        | 1700              | 2400     |        |       |                             | 24300                |                    | 17     |
| North Beach.....    |  |          |        |        |     |        | 550               | 600      |        |       |                             | 7400                 |                    |        |
| Ponds.....          |  |          |        |        |     |        | 1300              | 1200     |        |       |                             | 11200                |                    | 44     |
| Lismore.....        |  |          |        |        |     |        | 950               | 1300     |        |       |                             | 8300                 |                    | 28     |
| West Pictou.....    | 4                                      | 129      | 5000   | 17     | 105 | 2100   | 115               | 600      |        | 10200 | 6000                        | 1500                 |                    | 120    |
| Totals.....         | 4                                      | 129      | 5000   | 17     | 105 | 2100   | 115               | 8360     | 10010  | 10200 | 6000                        | 71700                |                    | 334    |
| <i>Queen's.</i>     |  |          |        |        |     |        |                   |          |        |       |                             |                      |                    |        |
| Mill Village.....   |  |          |        |        | 53  | 375    | 51                | 1270     | 645    |       |                             | 5900                 | 675                |        |
| Port Medway.....    | 11                                     | 583      | 30450  | 136    | 56  | 1385   | 95                | 1885     | 1070   | 4     | 1850                        | 11010                |                    | 1266   |
| Ponhook.....        |  |          |        |        | 8   | 80     | 23                | 162      | 123    |       |                             | 2000                 | 730                |        |
| Liverpool.....      | 5                                      | 263      | 19120  | 51     | 22  | 800    | 25                | 2561     | 1204   |       |                             | 6160                 |                    | 2145   |
| Port Mouton.....    | 2                                      | 56       | 1000   | 11     | 41  | 2850   | 115               | 3006     | 2000   |       |                             |                      |                    | 565    |
| Brooklyn.....       | 7                                      | 445      | 23250  | 85     | 14  | 280    | 29                | 1512     | 800    |       |                             | 2300                 |                    | 12     |
| Port Joli.....      |  |          |        |        | 19  | 900    | 33                | 216      | 146    |       |                             |                      |                    | 25     |
| Port Lebert.....    | 1                                      | 28       | 300    | 3      | 23  | 1020   | 29                | 216      | 144    |       |                             |                      |                    | 20     |
| Sommerville.....    |  |          |        |        | 10  | 280    | 11                | 140      | 70     |       |                             |                      |                    | 5      |
| Hunt's Point.....   |  |          |        |        | 15  | 290    | 30                | 800      | 400    |       |                             |                      |                    | 100    |
| White Point.....    |  |          |        |        | 7   | 140    | 14                | 600      | 306    |       |                             |                      |                    | 10     |
| Beach Meadows.....  |  |          |        |        |     |        |                   |          |        |       |                             | 250                  |                    |        |
| Coffin Island.....  |  |          |        |        | 10  | 180    | 20                | 720      | 320    |       |                             |                      |                    | 275    |
| Eagle Head.....     |  |          |        |        | 4   | 32     | 12                | 600      | 300    |       |                             | 300                  |                    | 8      |
| Blueberry.....      |  |          |        |        | 6   | 60     | 12                | 960      | 400    |       |                             | 360                  |                    | 10     |
| Pudding Pan.....    |  |          |        |        | 19  | 230    | 27                | 900      | 409    |       |                             | 500                  |                    | 30     |
| West Head.....      |  |          |        |        | 31  | 423    | 40                | 2070     | 678    |       |                             |                      |                    | 112    |
| Moose Harbour.....  |  |          |        |        | 14  | 199    | 14                | 540      | 237    |       |                             | 160                  |                    | 136    |
| Black Point.....    |  |          |        |        | 12  | 179    | 23                | 700      | 300    |       |                             | 120                  |                    | 107    |
| Milton.....         |  |          |        |        | 4   | 80     | 4                 | 115      | 32     |       |                             | 4809                 |                    |        |
| Gull Island.....    |  |          |        |        | 4   | 48     | 8                 | 144      | 64     |       |                             |                      |                    | 18     |
| Totals.....         | 26                                     | 1375     | 74120  | 286    | 372 | 9831   | 615               | 19105    | 9542   | 4     | 1850                        | 33869                | 1405               | 4844   |

Home consumption :-

|                                   |          |
|-----------------------------------|----------|
| Mackerel, 25,000 lbs., at 5c..... | 1,250 00 |
| Herring, 43,800 do 4c.....        | 1,752 00 |
| Cod, 162,800 do 4c.....           | 6,512 00 |
| Alewives, 800 do 4c.....          | 32 00    |
| Smelt, 1,000 do 6c.....           | 60 00    |

\$9,606 00

the Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

| KINDS OF FISH.     |                   |                    |           |                                  |               |                  |               |               |             |                 |             |                | FISH PRODUCTS.  |                    |                             | VALUE. |                               |       |
|--------------------|-------------------|--------------------|-----------|----------------------------------|---------------|------------------|---------------|---------------|-------------|-----------------|-------------|----------------|-----------------|--------------------|-----------------------------|--------|-------------------------------|-------|
| Mackerel, in cans. | Herring, barrels. | Alewives, barrels. | Cod, cwt. | Cod Tongues and Sounds, barrels. | Pollock, cwt. | Hake Sounds, lbs | Haddock, cwt. | Halibut, lbs. | Trout, lbs. | Squid, barrels. | Smelt, lbs. | Eels, barrels. | Lobsters, cans. | Fish Oil, gallons. | Fish used as bait, barrels. |        | Fish used as manure, barrels. | \$    |
| .....              | 300               | .....              | 55        | .....                            | .....         | 80               | 100           | .....         | .....       | .....           | .....       | .....          | 4000            | 25                 | .....                       | .....  | 62,680                        | 00    |
| .....              | 20                | .....              | 14        | .....                            | .....         | .....            | .....         | .....         | .....       | .....           | .....       | .....          | .....           | 5                  | .....                       | .....  | 2,092                         | 75    |
| .....              | 100               | .....              | 60        | .....                            | .....         | 60               | 80            | .....         | .....       | .....           | .....       | .....          | .....           | 15                 | .....                       | .....  | 3,304                         | 75    |
| .....              | 15                | .....              | 30        | .....                            | .....         | 20               | 30            | .....         | .....       | .....           | 1000        | 4              | .....           | 8                  | .....                       | .....  | 5,443                         | 70    |
| .....              | .....             | .....              | .....     | .....                            | .....         | .....            | .....         | .....         | .....       | .....           | .....       | .....          | .....           | .....              | .....                       | .....  | 1,480                         | 00    |
| .....              | 30                | .....              | 34        | .....                            | .....         | 24               | 30            | .....         | .....       | .....           | 600         | 8              | .....           | 12                 | .....                       | .....  | 3,189                         | 30    |
| .....              | 14                | .....              | 10        | .....                            | .....         | 19               | 25            | .....         | .....       | .....           | .....       | .....          | .....           | 9                  | .....                       | .....  | 2,150                         | 85    |
| .....              | 2230              | .....              | 223       | .....                            | .....         | 1000             | .....         | 1100          | .....       | .....           | .....       | .....          | 550000          | 400                | 1800                        | 4000   | 98,993                        | 75    |
| .....              | .....             | .....              | .....     | .....                            | .....         | .....            | .....         | .....         | .....       | .....           | .....       | .....          | .....           | .....              | .....                       | .....  | *9,606                        | 00    |
| .....              | 2709              | .....              | 426       | .....                            | .....         | 1203             | 265           | 1100          | .....       | .....           | 1600        | 12             | 950000          | 474                | 1800                        | 4000   | 183,941                       | 10    |
| .....              | .....             | .....              | .....     | .....                            | .....         | .....            | .....         | .....         | .....       | .....           | .....       | .....          | .....           | .....              | .....                       | .....  | .....                         | ..... |
| .....              | .....             | 1750               | .....     | .....                            | .....         | .....            | .....         | .....         | 1000        | .....           | 1520        | 18             | .....           | .....              | .....                       | .....  | 9,449                         | 00    |
| .....              | 336               | 825                | 8922      | 45                               | .....         | .....            | .....         | 3300          | .....       | .....           | .....       | 12             | 50000           | 5740               | .....                       | .....  | 69,276                        | 50    |
| .....              | .....             | 507                | .....     | .....                            | .....         | .....            | .....         | .....         | 650         | .....           | .....       | 7              | .....           | .....              | .....                       | .....  | 2,676                         | 00    |
| .....              | .....             | .....              | .....     | .....                            | .....         | .....            | .....         | .....         | .....       | .....           | .....       | .....          | .....           | .....              | .....                       | .....  | †855                          | 00    |
| .....              | 111               | 33                 | 4454      | .....                            | .....         | .....            | 46            | .....         | .....       | 40              | .....       | 15             | .....           | 1175               | 42                          | 300    | 43,589                        | 25    |
| 6240               | 400               | 4                  | 2000      | 3                                | 2             | .....            | 50            | 1100          | .....       | .....           | .....       | 2              | 60600           | 1109               | 30                          | .....  | 26,829                        | 85    |
| .....              | 125               | 55                 | 8420      | .....                            | .....         | .....            | 105           | .....         | .....       | 10              | .....       | 3              | .....           | 4210               | 6                           | 50     | 40,287                        | 00    |
| .....              | 30                | 30                 | 320       | 1                                | .....         | .....            | 10            | 600           | .....       | .....           | .....       | 28             | .....           | 100                | .....                       | .....  | 2,245                         | 00    |
| .....              | 20                | 20                 | 300       | 2                                | 5             | .....            | 20            | 1000          | .....       | .....           | .....       | 30             | .....           | 180                | .....                       | .....  | 2,183                         | 50    |
| .....              | 10                | .....              | 75        | 1                                | .....         | .....            | 4             | 500           | .....       | .....           | .....       | 1              | .....           | 60                 | .....                       | .....  | 504                           | 25    |
| .....              | 200               | .....              | 600       | 4                                | 4             | .....            | 10            | 600           | .....       | .....           | .....       | .....          | .....           | 300                | 10                          | .....  | 4,668                         | 00    |
| .....              | 50                | .....              | 100       | .....                            | 10            | .....            | 5             | 280           | .....       | .....           | .....       | .....          | .....           | 70                 | 10                          | .....  | 849                           | 80    |
| .....              | 10                | .....              | 10        | .....                            | .....         | .....            | 5             | .....         | .....       | .....           | .....       | .....          | .....           | .....              | .....                       | .....  | 150                           | 00    |
| .....              | 118               | .....              | 150       | .....                            | .....         | .....            | 15            | .....         | .....       | 10              | .....       | .....          | .....           | 80                 | 30                          | .....  | 4,022                         | 00    |
| .....              | 9                 | .....              | 12        | .....                            | .....         | .....            | .....         | .....         | .....       | .....           | .....       | .....          | .....           | .....              | .....                       | .....  | 227                           | 00    |
| .....              | 11                | .....              | 20        | .....                            | .....         | .....            | .....         | .....         | .....       | .....           | .....       | .....          | .....           | .....              | .....                       | .....  | 301                           | 00    |
| .....              | 19                | .....              | 25        | .....                            | .....         | .....            | 10            | .....         | .....       | .....           | .....       | .....          | .....           | .....              | .....                       | .....  | 635                           | 30    |
| .....              | 111               | .....              | 470       | 8                                | .....         | .....            | 115           | 595           | .....       | 54              | .....       | .....          | .....           | 266                | 27                          | 150    | 4,546                         | 60    |
| .....              | 70                | .....              | 119       | .....                            | .....         | .....            | 16            | .....         | .....       | 27              | .....       | .....          | .....           | 47                 | 23                          | 60     | 2,425                         | 30    |
| 1440               | 17                | .....              | 73        | .....                            | .....         | .....            | 71            | 65            | .....       | 5               | .....       | .....          | 24000           | 70                 | 15                          | 60     | 5,651                         | 15    |
| .....              | .....             | 250                | .....     | .....                            | .....         | .....            | .....         | .....         | 200         | .....           | .....       | .....          | .....           | .....              | 19                          | .....  | 1,992                         | 80    |
| .....              | 24                | .....              | 50        | .....                            | .....         | .....            | 10            | .....         | .....       | .....           | .....       | .....          | .....           | 65                 | 7                           | .....  | 572                           | 75    |
| .....              | .....             | .....              | .....     | .....                            | .....         | .....            | .....         | .....         | .....       | .....           | .....       | .....          | .....           | .....              | .....                       | .....  | 15,570                        | 00    |
| .....              | .....             | .....              | .....     | .....                            | .....         | .....            | .....         | .....         | .....       | .....           | .....       | .....          | .....           | .....              | .....                       | .....  | 1,750                         | 00    |
| 7680               | 1688              | 3474               | 26120     | 63                               | 22            | .....            | 492           | 8040          | 1850        | 148             | 15200       | 116            | 134600          | 13459              | 226                         | 620    | 231,267                       | 05    |

† Home consumption in above districts :—  
 Mackerel, 6,000 lbs., at 5c..... \$300 00  
 Herring, 8,000 do 4c..... 320 00  
 Codfish, 4,000 do 4c..... 160 00  
 Salmon, 500 do 15c..... 75 00

‡ Fish for home consumption. \$855 00  
 § 250 barrels of clams.



RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

| DISTRICT.                                 | VESSELS AND BOATS EMPLOYED IN FISHING. |          |         |        |     |        | FISHING MATERIAL. |          |        |     |        |
|---|--|----------|---------|--------|-----|--------|-------------------|----------|--------|-----|--------|
|   | Vessels.                               |          |         | Boats. |     |        | Nets.             |          | Weirs. |     |        |
|   | No.                                    | Tonnage. | Value.  | Men.   | No. | Value. | Men.              | Fathoms. | Value. | No. | Value. |
| <i>Shelburne.</i>                         |  |          | \$      |        |     | \$     |                   | \$       |        | \$  |        |
| Barrington.....                           | 7                                      | 330      | 16,780  | 69     | 18  | 350    | 23                | 1,500    | 225    | ... | ...    |
| Wood's Harbour .....                      | ...                                    | ...      | ...     | ...    | 90  | 1,510  | 120               | 3,000    | 830    | 6   | 6,000  |
| Shag Harbour .....                        | 1                                      | 35       | 1,000   | 14     | 40  | 500    | 45                | 2,280    | 800    | 1   | 1,000  |
| Bear Point .....                          | 1                                      | 95       | 6,000   | 18     | 30  | 600    | 45                | 4,140    | 1,150  | ... | ...    |
| Cape Island .....                         | 9                                      | 677      | 40,060  | 175    | 175 | 7,100  | 350               | 10,728   | 2,980  | 6   | 6,000  |
| Port Latour and Baccaro .....             | 1                                      | 63       | 2,000   | 14     | 126 | 1,885  | 131               | 16,434   | 3,554  | 1   | 1,000  |
| Upper Port Latour .....                   | 5                                      | 194      | 6,000   | 47     | 21  | 410    | 34                | 1,458    | 405    | ... | ...    |
| Cape Negro and Blanche.....               | ...                                    | ...      | ...     | ...    | 37  | 1,284  | 65                | 2,880    | 800    | ... | ...    |
| Cape Negro Island .....                   | ...                                    | ...      | ...     | ...    | 30  | 600    | 35                | 2,582    | 720    | 1   | 1,000  |
| Port Clyde.....                           | ...                                    | ...      | ...     | ...    | 6   | 650    | 15                | 774      | 215    | ... | ...    |
| North-West Harbour and East<br>Clyde..... | ...                                    | ...      | ...     | ...    | 18  | 845    | 36                | 2,000    | 700    | ... | ...    |
| North-East Harbour.....                   | ...                                    | ...      | ...     | ...    | 5   | 135    | 8                 | 520      | 230    | ... | ...    |
| Black Point and Red Head .....            | ...                                    | ...      | ...     | ...    | 38  | 2,675  | 100               | 6,500    | 1,425  | ... | ...    |
| Roseway and McNutt's Island...            | ...                                    | ...      | ...     | ...    | 45  | 2,600  | 132               | 5,500    | 1,600  | ... | ...    |
| West Shelburne.....                       | ...                                    | ...      | ...     | ...    | 25  | 1,000  | 45                | 1,600    | 500    | ... | ...    |
| East Shelburne.....                       | 8                                      | 670      | 30,000  | 130    | 42  | 700    | 55                | 6,000    | 2,000  | ... | ...    |
| Jordan Ferry.....                         | 3                                      | 254      | 12,220  | 46     | 25  | 700    | 45                | 2,000    | 500    | ... | ...    |
| Jordan Bay.....                           | 2                                      | 162      | 7,000   | 23     | 18  | 800    | 25                | 2,500    | 700    | ... | ...    |
| Lockeport .....                           | 36                                     | 2,355    | 114,800 | 495    | 25  | 1,800  | 60                | 2,500    | 1,000  | ... | ...    |
| Totals.....                               | 73                                     | 4,835    | 235,780 | 1,031  | 812 | 26,544 | 1,369             | 74,896   | 20,334 | 15  | 15,000 |

\* Home Consumption :-

|  |            |
|--|------------|
| Fresh - 30,000 lbs. herring, at 4c.....  | \$1,200 00 |
| 20,000 lbs. mackerel, at 5c.....         | 1,000 00   |
| 40,000 lbs. cod, at 4c.....              | 1,600 00   |
| 15,000 lbs. alewives, at 4c.....         | 600 00     |
| 1,050 lbs. salmon, at 15c.....           | 157 50     |
| 3,000 lbs. trout, at 6c.....             | 180 00     |
| 20,000 lbs. halibut, at 4c.....          | 800 00     |
| 50,000 lbs. lobsters, at 4c.....         | 1,200 00   |
| Pickled - 900 brls. herring, at \$4..... | 3,600 00   |
| 80,000 lbs. cod, at 4c.....              | 3,200 00   |
| 10,000 lbs. haddock, at 4c.....          | 400 00     |

\$13,937 50

the Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

| KINDS OF FISH.     |                    |                   |                    |           |               |               |               |                |                 | FISH PRODUCTS.     |                             | VALUE.  |    |
|--------------------|--------------------|-------------------|--------------------|-----------|---------------|---------------|---------------|----------------|-----------------|--------------------|-----------------------------|---------|----|
| Mackerel, barrels. | Mackerel, in cans. | Herring, barrels. | Alewives, barrels. | Cod, cwt. | Pollock, cwt. | Haddock, cwt. | Halibut, lbs. | Wels, barrels. | Lobsters, cans. | Fish Oil, gallons. | Fish used as bait, barrels. |         | \$ |
| 125                |                    | 250               | 425                | 5,750     | 50            | 363           |               |                |                 | 1,900              | 969                         | 32,037  | 00 |
| 2,500              | 41,570             | 900               | 30                 | 350       | 15            | 70            |               |                | 160,864         | 125                | 1,740                       | 62,692  | 25 |
| 875                |                    | 920               |                    | 825       | 75            | 200           |               |                |                 | 500                | 175                         | 17,398  | 75 |
| 300                |                    | 417               |                    | 3,000     | 150           | 166           |               |                | 62,000          | 1,600              | 800                         | 29,664  | 00 |
| 6,200              |                    | 1,190             |                    | 19,853    | 125           | 725           |               |                | 160,694         | 7,036              | 2,348                       | 185,135 | 75 |
| 801                | 19,200             | 2,660             | 10                 | 2,930     | 891           | 1,153         |               |                | 3,840           | 3,077              | 540                         | 44,257  | 55 |
| 72                 |                    | 613               |                    | 3,555     | 26            | 300           |               |                |                 | 1,890              | 394                         | 21,044  | 25 |
| 123                |                    | 1,221             |                    | 1,190     | 12            | 324           |               |                | 25,000          | 860                | 166                         | 16,822  | 50 |
| 260                |                    | 1,300             |                    | 400       | 20            | 175           |               |                |                 | 375                | 75                          | 10,501  | 25 |
| 10                 |                    | 300               | 50                 | 20        |               | 10            |               |                |                 | 20                 | 5                           | 1,638   | 00 |
| 23                 |                    | 200               | 5                  | 335       |               | 36            |               |                |                 | 200                |                             | 2,729   | 75 |
| 6                  |                    | 48                |                    | 40        |               | 14            |               |                |                 | 45                 |                             | 490     | 25 |
| 50                 |                    | 225               |                    | 600       |               | 500           |               |                |                 | 1,500              |                             | 7,075   | 00 |
| 100                |                    | 200               | 25                 | 500       | 50            | 750           |               |                |                 | 1,200              |                             | 8,605   | 00 |
| 150                |                    | 300               | 20                 | 450       | 25            | 350           |               |                |                 | 1,150              |                             | 6,752   | 50 |
| 100                |                    | 300               | 15                 | 15,800    |               | 100           |               |                | 57,400          | 7,500              | 100                         | 83,345  | 00 |
| 75                 |                    | 60                |                    | 5,350     |               | 100           |               | 2              |                 | 1,600              |                             | 25,135  | 50 |
| 117                |                    | 394               |                    | 4,560     |               | 262           |               |                |                 | 1,750              |                             | 24,180  | 50 |
| 1,715              |                    | 1,830             | 25                 | 58,970    | 20            | 500           | 16,000        |                | 74,000          | 31,700             |                             | 309,677 | 50 |
|                    |                    |                   |                    |           |               |               |               |                |                 |                    |                             | *13,937 | 50 |
|                    |                    |                   |                    |           |               |               |               |                |                 |                    |                             | †14,761 | 00 |
|                    |                    |                   |                    |           |               |               |               |                |                 |                    |                             | †11,650 | 00 |
| 13,741             | 60,776             | 13,328            | 605                | 124,478   | 1,449         | 6,098         | 16,000        | 2              | 543,798         | 64,028             | 7,312                       | 929,530 | 80 |

† Lobsters sold to smacks for American market, \$14,761.  
 † Home consumption in Barrington District, \$11,650.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

| DISTRICT.               | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |     |        | FISHING MATERIAL. |          |        |     | Salmon, fresh, in ice, lbs. | Mackerel, barrels. |        |
|-------------------------|--|----------|--------|--------|-----|--------|-------------------|----------|--------|-----|-----------------------------|--------------------|--------|
|                         | Vessels.                               |          |        | Boats. |     |        | Nets.             |          | Weirs. |     |                             |                    |        |
|                         | No.                                    | Tonnage. | Value. | Men.   | No. | Value. | Men.              | Fathoms. | Value. | No. |                             |                    | Value. |
| <i>Yarmouth.</i>        |  |          |        |        |     |        |                   |          |        |     |                             |                    |        |
| Yarmouth.....           | 34                                     | 2065     | 88000  | 500    | 59  | 915    | 200               | 2148     | 785    | 5   | 14500                       | 1600               | 6155   |
| Maitland.....           | 15                                     | 262      | 11930  | 87     | 19  | 360    | 30                | 3636     | 1500   | 3   | 8000                        | 5500               | 4335   |
| Sanford and Yarn Bar .. | 4                                      | 49       | 2400   | 24     | 27  | 892    | 60                | 2890     | 1402   | 3   | 8:00                        | 2500               | 2173   |
| Little River.....       |  |          |        |        | 55  | 1425   | 81                | 2500     | 900    |     |                             |                    | 147    |
| Tusket Wedge .....      | 11                                     | 750      | 28500  | 178    | 22  | 1150   | 70                | 9000     | 5500   | *2  | 4000                        | 200                | 800    |
| Salmon River .....      |  |          |        |        | 50  | 300    | 70                | 7400     | 2600   |     |                             | 900                |        |
| Tusket.....             |  |          |        |        | 150 | 2800   | 180               | 23000    | 7500   |     |                             | 1900               |        |
| East River .....        |  |          |        |        | 75  | 600    | 90                | 6500     | 3000   |     |                             | 850                |        |
| Eel Lake and Eel Brooke | 1                                      | 18       | 600    | 6      | 70  | 650    | 60                | 4500     | 2000   |     |                             |                    | 250    |
| Argyle.....             | 1                                      | 110      | 7000   | 16     | 30  | 400    | 80                | 3000     | 1500   |     |                             |                    | 50     |
| Argyle Sound.....       |  |          |        |        | 50  | 1250   | 100               | 8000     | 4500   |     |                             |                    | 2000   |
| East and West Pubnico   | 35                                     | 1959     | 126000 | 572    | 16  | 1200   | 32                | 3000     | 3000   | 2   | 4000                        |                    | 1900   |
| Totals .....            | 101                                    | 5213     | 264430 | 1383   | 623 | 11942  | 1053              | 75574    | 34187  | 15  | 38800                       | 13450              | 17815  |

\* Traps.

the Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

| KINDS OF FISH.     |                   |                            |                    |           |                               |               |               |               |                |             |                |                 |                    | FISH PRODUCTS.    |                             |                               |       | VALUE.  |      |
|--------------------|-------------------|----------------------------|--------------------|-----------|-------------------------------|---------------|---------------|---------------|----------------|-------------|----------------|-----------------|--------------------|-------------------|-----------------------------|-------------------------------|-------|---------|------|
| Mackerel, in cans. | Herring, barrels. | Herring, smoked, in boxes. | Alewives, barrels. | Cod, cwt. | Cod Tongues and Sounds, brls. | Pollock, cwt. | Haddock, cwt. | Halibut, lbs. | Shad, barrels. | Trout, lbs. | Eels, barrels. | Lobsters, cans. | Fish Oil, gallons. | Fish Guano, tons. | Fish used as bait, barrels. | Fish used as manure, barrels. |       |         |      |
| 1935               | 1000              | 170                        | 49345              | 10        | 8630                          | 1700          | 24700         | 10            | 2250           | .....       | .....          | .....           | 14310              | .....             | 1250                        | .....                         | ..... | \$      | cts. |
| 1665               | 50                | .....                      | 3330               | 4         | 600                           | 150           | 47000         | .....         | .....          | .....       | .....          | .....           | 3250               | 600               | 350                         | .....                         | ..... | 328,729 | 75   |
| 1140               | 90                | ..                         | 1036               | .....     | .....                         | .....         | 66000         | 20            | .....          | .....       | .....          | .....           | 85                 | 500               | 358                         | .....                         | ..... | 82,210  | 50   |
| 496                | .....             | 6                          | 220                | 3         | 18                            | 65            | 8700          | .....         | .....          | .....       | 6              | 92808           | 211                | .....             | .....                       | 1500                          | ..... | 43,298  | 75   |
| 675                | .....             | 40                         | 16875              | 22        | 550                           | 575           | 2000          | .....         | .....          | .....       | .....          | .....           | 7340               | .....             | .....                       | .....                         | ..... | 20,151  | 35   |
| .....              | .....             | 1380                       | .....              | .....     | .....                         | .....         | .....         | .....         | .....          | .....       | .....          | .....           | .....              | .....             | .....                       | .....                         | ..... | 91,601  | 25   |
| .....              | .....             | 1540                       | .....              | .....     | .....                         | .....         | .....         | .....         | 12             | .....       | .....          | .....           | .....              | .....             | .....                       | .....                         | ..... | 5,925   | 00   |
| .....              | .....             | 380                        | .....              | .....     | .....                         | .....         | .....         | .....         | .....          | .....       | .....          | .....           | .....              | .....             | .....                       | .....                         | ..... | 6,906   | 00   |
| .....              | .....             | 350                        | 300                | 2         | 20                            | £0            | .....         | .....         | .....          | .....       | 12             | .....           | .....              | .....             | .....                       | .....                         | ..... | 1,798   | 00   |
| 8000               | 200               | .....                      | 3200               | 2         | .....                         | .....         | .....         | .....         | .....          | .....       | 320            | .....           | .....              | 80                | .....                       | .....                         | ..... | 9,166   | 00   |
| .....              | 150               | .....                      | .....              | .....     | .....                         | .....         | .....         | 1000          | .....          | .....       | .....          | .....           | .....              | .....             | .....                       | .....                         | ..... | 28,519  | 00   |
| .....              | 1000              | .....                      | .....              | .....     | .....                         | .....         | .....         | .....         | .....          | .....       | .....          | .....           | .....              | .....             | .....                       | .....                         | ..... | 24,120  | 00   |
| .....              | 650               | .....                      | 50645              | 70        | 2350                          | 4850          | 80000         | .....         | .....          | .....       | 30             | .....           | .....              | 31600             | 60                          | .....                         | ..... | 289,281 | 25   |
| .....              | .....             | .....                      | .....              | .....     | .....                         | .....         | .....         | .....         | .....          | .....       | .....          | .....           | .....              | .....             | .....                       | .....                         | ..... | *15,680 | 00   |
| 8000               | 7911              | 1140                       | 4376               | 124961    | 113                           | 12168         | 7390          | 229400        | 42             | 2250        | 448            | 152808          | 58476              | 1160              | 1958                        | 2700                          | ..... | †12,600 | 00   |
| .....              | .....             | .....                      | .....              | .....     | .....                         | .....         | .....         | .....         | .....          | .....       | .....          | .....           | .....              | .....             | .....                       | .....                         | ..... | 959,986 | 85   |

\* Live lobsters, 392,000 lbs., at 4c, shipped to United States.

† Home Consumption—

|                   |               |         |                       |         |
|-------------------|---------------|---------|-----------------------|---------|
| Live lobsters,    | 193,000 lbs., | at 4c., | sold in county.....   | \$7,720 |
| Salmon, fresh,    | 2,000         | do      | 15c. do .....         | 300     |
| Alewives, smoked, | 80,000        | do      | 80c. per 100 do ..... | 640     |
| Trout,            | 23,000        | do      | 6c. do .....          | 1,380   |
| Smelt,            | 35,200        | do      | 6c. do .....          | 2,112   |
| Alewives, fresh,  | 10,000        | do      | 4c. do .....          | 400     |
| White fish,       | 800           | do      | 6c. do .....          | 48      |

\$12,600

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

| DISTRICT.                                    | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |     |        | FISHING MATERIAL. |          |        |      | Salmon, barrels. | Salmon, fresh, in ice, lbs. | Salmon, smoked, lbs. | Mackerel, barrels. |        |
|--|--|----------|--------|--------|-----|--------|-------------------|----------|--------|------|------------------|-----------------------------|----------------------|--------------------|--------|
|  | Vessels.                               |          |        | Boats. |     |        | Nets.             |          | Weirs. |      |                  |                             |                      |                    |        |
|  | No.                                    | Tonnage. | Value. | Men.   | No. | Value. | Men.              | Fathoms. | Value. | No.  |                  |                             |                      |                    | Value. |
| <i>Cape Breton.</i>                          |  |          |        |        |     |        |                   |          |        |      |                  |                             |                      |                    |        |
| Marion Bridge to False Bay Beach.....        |  |          |        |        | 41  | 1250   | 79                | 3400     | 1350   |      |                  | 11                          | 2150                 |                    | 35     |
| False Bay Beach to Long Beach.....           | 1                                      | 16       | 400    | 4      | 65  | 1210   | 80                | 4400     | 1800   |      |                  | 10                          | 800                  |                    | 60     |
| Long Beach to Bridgetown.....                | 2                                      | 31       | 900    | 10     | 74  | 752    | 148               | 5520     | 2642   |      |                  | 3                           | 250                  |                    | 18     |
| Lingan to Sydney.....                        | 3                                      | 51       | 1600   | 12     | 96  | 1320   | 187               | 5996     | 3000   |      |                  |                             | 1200                 |                    | 11     |
| South Side Sydney River to Salmon River..... |  |          |        |        | 37  | 1050   | 73                | 4080     | 1850   |      |                  |                             | 250                  |                    |        |
| West of East Bay.....                        |  |          |        |        |     |        |                   |          |        |      |                  |                             |                      |                    |        |
| Long Island.....                             |  |          |        |        |     |        |                   |          |        |      |                  |                             |                      |                    |        |
| Georges River.....                           |  |          |        |        |     |        |                   |          |        |      |                  |                             |                      |                    |        |
| Little Bras D'Or.....                        | 7                                      | 140      | 1960   | 49     | 8   | 160    | 16                | 800      | 440    |      |                  |                             |                      |                    | 20     |
| Point Aconi.....                             |  |          |        |        | 6   | 120    | 12                | 240      | 132    |      |                  |                             |                      |                    |        |
| Mill Pond.....                               |  |          |        |        | 4   | 80     | 8                 | 160      | 88     |      |                  |                             |                      |                    |        |
| Fife's Mill.....                             |  |          |        |        |     |        |                   |          |        |      |                  |                             |                      |                    |        |
| Little Pond.....                             |  |          |        |        | 6   | 120    | 12                | 240      | 132    |      |                  |                             | 500                  |                    |        |
| Big Pond.....                                |  |          |        |        | 6   | 120    | 12                | 240      | 132    |      |                  |                             | 1800                 |                    |        |
| Lloyd's Cove.....                            |  |          |        |        | 4   | 80     | 8                 | 160      | 88     |      |                  |                             | 600                  |                    |        |
| North Bar.....                               | 2                                      | 30       | 300    | 8      | 2   | 40     | 4                 | 200      | 110    |      |                  |                             |                      |                    |        |
| North-West Arm.....                          |  |          |        |        | 8   | 80     | 16                | 320      | 176    |      |                  |                             |                      |                    |        |
| Litche's Creek.....                          |  |          |        |        | 2   | 40     | 4                 | 80       | 44     |      |                  |                             |                      |                    |        |
| Ball's Bridge.....                           |  |          |        |        | 4   | 80     | 8                 | 160      | 88     |      |                  |                             | 100                  |                    |        |
| Black Brook.....                             |  |          |        |        |     |        |                   |          |        |      |                  |                             |                      |                    |        |
| Horn's Mill.....                             |  |          |        |        |     |        |                   |          |        |      |                  |                             |                      |                    |        |
| Gabarus.....                                 |  |          |        |        | 87  | 4350   | 261               | 8700     | 4350   | 1200 | 900              |                             |                      |                    | 1000   |
| Kennington Cove.....                         |  |          |        |        | 9   | 450    | 27                | 900      | 470    |      |                  |                             |                      |                    | 54     |
| Louisburg.....                               | 1                                      | 40       | 800    | 6      | 51  | 2550   | 155               | 6120     | 3060   |      |                  | 2                           |                      |                    | 660    |
| Big Loraine.....                             |  |          |        |        | 47  | 2250   | 108               | 5630     | 2800   |      |                  | 8                           |                      |                    | 700    |
| Little Loraine.....                          |  |          |        |        | 16  | 800    | 40                | 2800     | 1400   |      |                  | 10                          |                      |                    | 100    |
| Baulin.....                                  |  |          |        |        | 13  | 630    | 36                | 800      | 400    |      |                  | 8                           |                      |                    | 52     |
| Main-à-Dieu and Scatterie.....               |  |          |        |        | 70  | 3400   | 146               | 8400     | 4200   | 800  | 600              | 4                           |                      |                    | 840    |
| Mira Bay and Catalone.....                   |  |          |        |        | 57  | 2850   | 124               | 6800     | 3400   |      |                  | 30                          |                      |                    | 260    |
| Lewis Bay and Mira.....                      |  |          |        |        | 24  | 1000   | 48                | 800      | 400    |      |                  |                             | 1000                 | 50                 |        |
| Belfry.....                                  |  |          |        |        | 13  | 650    | 30                | 450      | 225    |      |                  |                             |                      |                    | 60     |
| East Bay and Big Pond.....                   |  |          |        |        | 20  | 400    | 40                | 300      | 150    |      |                  |                             |                      |                    |        |
| Totals.....                                  | 16                                     | 308      | 5960   | 89     | 770 | 25832  | 1782              | 67696    | 32927  | 2000 | 1500             | 86                          | 9650                 | 50                 | 3870   |

the Fisheries, Quantity and Value of Fishing Material, &c—Nova Scotia—Continued.

| KINDS OF FISH.    |                            |                    |           |                                  |                   |               |               |                |             |             |                |                   | FISH PRODUCTS.  |                    |                   | VALUE.                      |         |      |
|-------------------|----------------------------|--------------------|-----------|----------------------------------|-------------------|---------------|---------------|----------------|-------------|-------------|----------------|-------------------|-----------------|--------------------|-------------------|-----------------------------|---------|------|
| Herring, barrels. | Herring, smoked, in boxes. | Alewives, barrels. | Cod, cwt. | Cod Tongues and Sounds, barrels. | Hake Sounds, cwt. | Haddock, cwt. | Halibut, lbs. | Shad, barrels. | Trout, lbs. | Smelt, lbs. | Fels, barrels. | Oysters, barrels. | Lobsters, cans. | Fish Oil, gallons. | Fish Guano, tons. | Fish used as bait, barrels. | \$      | cts. |
| 410               | .....                      | 145                | 1170      | ... 25                           | 100               | 500           | 22            | 1300           | 2400        | 43          | 135            | .....             | 590             | 4                  | 127               | 10,398                      | 50      |      |
| 830               | .....                      | .....              | 2980      | .....                            | 381               | 8400          | 25            | 500            | 1500        | 40          | .....          | .....             | 1490            | 45                 | 440               | 21,526                      | 00      |      |
| 690               | .....                      | 16                 | 593       | .....                            | 35                | 3000          | .....         | 200            | 3500        | 37          | .....          | .....             | 1106            | 6                  | 80                | 7,374                       | 65      |      |
| 800               | .....                      | 70                 | 1000      | .....                            | 50                | 2950          | .....         | 1200           | 3600        | 41          | .....          | .....             | 500             | 22                 | 100               | 9,844                       | 00      |      |
| 500               | 150                        | 50                 | 270       | .....                            | 30                | 1000          | .....         | 800            | 3100        | 18          | .....          | .....             | 135             | .....              | 27                | 4,110                       | 75      |      |
| .....             | .....                      | .....              | 100       | .....                            | .....             | .....         | .....         | 300            | .....       | 12          | 15             | .....             | 25              | .....              | 3                 | 615                         | 25      |      |
| .....             | .....                      | .....              | 150       | .....                            | .....             | .....         | .....         | 100            | .....       | .....       | .....          | .....             | 30              | .....              | 4                 | 697                         | 00      |      |
| .....             | .....                      | .....              | 100       | .....                            | .....             | .....         | .....         | 50             | .....       | .....       | 8              | .....             | 25              | .....              | 3                 | 519                         | 25      |      |
| 150               | .....                      | .....              | 1800      | .....                            | 50                | .....         | .....         | .....          | .....       | 5           | .....          | 44000             | 450             | .....              | 54                | 15,616                      | 50      |      |
| 50                | .....                      | .....              | 420       | .....                            | 30                | .....         | .....         | .....          | .....       | .....       | .....          | .....             | 105             | .....              | 14                | 2,172                       | 25      |      |
| 40                | .....                      | .....              | 400       | .....                            | 25                | .....         | .....         | 100            | .....       | .....       | .....          | .....             | 100             | .....              | 12                | 2,030                       | 50      |      |
| .....             | .....                      | 12                 | .....     | .....                            | .....             | .....         | .....         | 150            | .....       | .....       | .....          | .....             | .....           | .....              | .....             | .....                       | 57      | 00   |
| 50                | .....                      | .....              | 160       | .....                            | 20                | .....         | .....         | .....          | .....       | 5           | .....          | .....             | 45              | .....              | 5                 | 1,129                       | 25      |      |
| 80                | .....                      | .....              | 150       | .....                            | 25                | .....         | .....         | .....          | .....       | 6           | .....          | .....             | 30              | .....              | 4                 | 1,482                       | 50      |      |
| 50                | .....                      | .....              | 70        | .....                            | .....             | .....         | .....         | .....          | .....       | .....       | .....          | .....             | 17              | .....              | 2                 | 630                         | 55      |      |
| 100               | .....                      | .....              | 200       | .....                            | 20                | .....         | .....         | .....          | .....       | .....       | .....          | .....             | 50              | .....              | 6                 | 1,358                       | 50      |      |
| 100               | .....                      | .....              | 60        | .....                            | 10                | .....         | .....         | .....          | .....       | .....       | .....          | .....             | 15              | .....              | 2                 | 701                         | 75      |      |
| 50                | .....                      | 10                 | .....     | .....                            | .....             | .....         | .....         | 150            | .....       | 4           | .....          | .....             | .....           | .....              | .....             | .....                       | 285     | 00   |
| 50                | .....                      | 7                  | 100       | .....                            | .....             | .....         | .....         | 100            | .....       | 6           | .....          | .....             | 25              | .....              | 3                 | 752                         | 25      |      |
| .....             | .....                      | .....              | .....     | .....                            | .....             | .....         | .....         | 300            | 600         | .....       | .....          | .....             | .....           | .....              | .....             | .....                       | 54      | 00   |
| .....             | .....                      | .....              | .....     | .....                            | .....             | .....         | .....         | 300            | 1200        | .....       | .....          | .....             | .....           | .....              | .....             | .....                       | 90      | 00   |
| 160               | .....                      | .....              | 6960      | 4                                | 400               | 300           | .....         | .....          | .....       | .....       | .....          | .....             | 67200           | 3680               | 348               | 60,246                      | 00      |      |
| 180               | .....                      | .....              | 360       | .....                            | 180               | 100           | .....         | .....          | .....       | .....       | .....          | .....             | 200             | .....              | 60                | 3,616                       | 00      |      |
| 1020              | .....                      | .....              | 3660      | 3                                | 300               | 200           | .....         | .....          | .....       | .....       | .....          | .....             | 1866            | .....              | 250               | 28,816                      | 90      |      |
| 940               | .....                      | .....              | 3000      | .....                            | 290               | 200           | .....         | .....          | .....       | .....       | .....          | .....             | 1640            | .....              | 240               | 25,937                      | 00      |      |
| 350               | .....                      | .....              | 1040      | .....                            | 100               | 500           | .....         | .....          | .....       | .....       | .....          | .....             | 570             | .....              | 90                | 7,840                       | 50      |      |
| 130               | .....                      | .....              | 620       | .....                            | 130               | 300           | .....         | .....          | .....       | .....       | .....          | .....             | 380             | .....              | 70                | 4,609                       | 00      |      |
| 1750              | .....                      | .....              | 4900      | .....                            | 700               | .....         | .....         | .....          | .....       | .....       | .....          | .....             | 52550           | .....              | 260               | 48,709                      | 50      |      |
| 890               | .....                      | 6                  | 2280      | .....                            | 160               | 100           | .....         | .....          | .....       | .....       | .....          | .....             | 1400            | .....              | 190               | 17,720                      | 00      |      |
| 100               | .....                      | 30                 | 100       | .....                            | .....             | .....         | .....         | 5              | 400         | 1000        | .....          | .....             | 50              | .....              | 10                | 1,321                       | 50      |      |
| 180               | .....                      | .....              | 480       | .....                            | .....             | .....         | .....         | .....          | 1000        | .....       | .....          | .....             | 240             | .....              | 20                | 3,596                       | 00      |      |
| 80                | .....                      | 10                 | 100       | .....                            | .....             | .....         | .....         | 150            | 200         | 5           | 10             | .....             | 30              | .....              | .....             | 900                         | 50      |      |
| .....             | .....                      | .....              | .....     | .....                            | .....             | .....         | .....         | .....          | .....       | .....       | .....          | .....             | .....           | .....              | .....             | .....                       | *6,340  | 00   |
| 11080             | 150                        | 356                | 33223     | 7                                | 25                | 3061          | 17550         | 52             | 6100        | 18100       | 230            | 170               | 163750          | 17594              | 77                | 2424                        | 291,148 | 35   |

\* Fish used for home consumption.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

| DISTRICT.                  | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |     |        | FISHING MATERIAL. |          |        |     |                  |                             |                       |                    |        |
|----------------------------|--|----------|--------|--------|-----|--------|-------------------|----------|--------|-----|------------------|-----------------------------|-----------------------|--------------------|--------|
|                            | Vessels.                               |          |        | Boats. |     |        | Nets.             |          | Weirs. |     | Salmon, barrels. | Salmon, fresh, in ice, lbs. | Salmon, in cans, lbs. | Mackerel, barrels. |        |
|                            | No.                                    | Tonnage. | Value. | Men.   | No. | Value. | Men.              | Fathoms. | Value. | No. |                  |                             |                       |                    | Value. |
| <i>Inverness.</i>          |  |          | \$     |        | \$  |        |                   | \$       | \$     |     |                  |                             |                       |                    |        |
| Western Division—          |  |          |        |        |     |        |                   |          |        |     |                  |                             |                       |                    |        |
| Port Hawkesbury.....       | 2                                      | 200      | 5000   | 30     | 18  | 300    | 60                | 12000    | 3800   |     |                  |                             | 5000                  |                    |        |
| Port Hastings.....         | 1                                      | 50       | 500    | 5      | 26  | 700    | 90                | 15000    | 4000   |     | 150              |                             | 109                   |                    |        |
| Low Point.....             |  |          |        |        | 10  | 100    | 20                | 700      | 280    |     |                  |                             | 15                    |                    |        |
| Oreignish.....             |  |          |        |        | 19  | 190    | 38                | 11000    | 510    |     | 3                |                             | 80                    |                    |        |
| Long Point.....            |  |          |        |        | 16  | 160    | 32                | 1600     | 750    |     |                  |                             | 90                    |                    |        |
| Judique.....               |  |          |        |        | 17  | 170    | 40                | 2240     | 900    |     |                  |                             | 80                    |                    |        |
| Little Judique.....        |  |          |        |        | 46  | 510    | 140               | 4600     | 2330   |     |                  |                             | 200                   |                    |        |
| Port Hood.....             |  |          |        |        | 156 | 5600   | 450               | 28000    | 7500   |     |                  |                             | 1350                  |                    |        |
| Mabou.....                 | 2                                      | 35       | 1200   | 10     | 55  | 900    | 165               | 2500     | 1000   |     |                  | 2000                        | 150                   |                    |        |
| Whycomagh.....             |  |          |        |        | 12  | 140    | 25                | 800      | 240    |     |                  |                             |                       |                    |        |
| Boom.....                  |  |          |        |        | 17  | 250    | 35                | 1000     | 600    |     |                  |                             |                       |                    |        |
| Malagavatch.....           | 1                                      | 15       | 200    | 3      | 35  | 350    | 72                | 2800     | 1600   |     |                  |                             |                       |                    |        |
| Basin, River Dennis.....   |  |          |        |        | 12  | 140    | 24                | 600      | 360    |     |                  |                             |                       |                    |        |
| River Dennis.....          |  |          |        |        | 1   | 2      | 8                 |          |        |     |                  |                             |                       |                    |        |
| North Mountain.....        |  |          |        |        | 32  | 320    | 65                | 2300     | 150    |     |                  |                             |                       |                    |        |
| West Bay.....              |  |          |        |        | 10  | 130    | 20                | 400      | 300    |     |                  |                             |                       |                    |        |
| Eastern Harbour.....       | 1                                      | 33       | 500    | 7      | 40  | 310    | 120               | 2000     | 1500   |     | 12               |                             | 100                   |                    |        |
| Eastern Harbour.....       |  |          |        |        | 15  | 1800   | 25                | 1200     | 1200   |     | 10               |                             | 400                   |                    |        |
| Black Rock.....            |  |          |        |        | 20  | 1600   | 60                | 1400     | 1200   |     | 15               |                             | 300                   |                    |        |
| Pleasant Bay.....          |  |          |        |        | 20  | 1000   | 60                | 1200     | 1000   |     |                  |                             | 207                   |                    |        |
| Eastern Harbour.....       |  |          |        |        | 18  | 700    | 54                | 2000     | 500    |     |                  |                             | 800                   |                    |        |
| Eastern Harbour.....       | 2                                      | 60       | 1000   | 14     | 18  | 700    | 54                | 1500     | 670    |     |                  |                             | 776                   |                    |        |
| Friar Head.....            |  |          |        |        | 22  | 900    | 66                | 1700     | 700    |     |                  |                             | 300                   |                    |        |
| Oheticamp Point.....       |  |          |        |        | 24  | 2000   | 72                | 1000     | 600    |     |                  |                             | 50                    |                    |        |
| Big Pond.....              |  |          |        |        | 24  | 2000   | 72                | 1000     | 800    |     |                  |                             | 400                   |                    |        |
| Mill Brook.....            |  |          |        |        | 6   | 600    | 19                | 360      | 100    |     |                  |                             | 80                    |                    |        |
| Hay Cove.....              |  |          |        |        | 3   | 150    | 9                 | 120      | 50     |     |                  |                             | 40                    |                    |        |
| Delaney's Cove.....        |  |          |        |        | 8   | 340    | 21                | 680      | 360    |     |                  |                             | 150                   |                    |        |
| Doucett's Cove.....        |  |          |        |        | 10  | 460    | 28                | 800      | 400    |     | 10               |                             | 200                   |                    |        |
| East Margaree Harbour..... |  |          |        |        | 23  | 1680   | 65                | 3600     | 2900   |     | 15               |                             | 460                   |                    |        |
| West Margaree Harbour..... | 6                                      | 99       | 2800   | 30     | 6   | 280    | 18                | 1800     | 1200   |     | 5                | 24000                       | 400                   |                    |        |
| Margaree Forks.....        |  |          |        |        |     |        |                   |          |        |     | 7                |                             | 10                    |                    |        |
| Margaree River.....        |  |          |        |        |     |        |                   | 460      | 290    | 80  | 960              |                             |                       |                    |        |
| Margaree Island.....       |  |          |        |        | 20  | 280    | 57                | 340      | 190    |     |                  |                             | 540                   |                    |        |
| Broad Cove Marsh.....      |  |          |        |        | 14  | 300    | 46                | 400      | 200    |     |                  |                             | 287                   |                    |        |
| Port Bain.....             |  |          |        |        | 9   | 140    | 30                | 450      | 300    |     |                  |                             | 180                   |                    |        |
| Broad Cove Shore.....      |  |          |        |        | 10  | 200    | 20                | 500      | 250    |     |                  |                             | 180                   |                    |        |
| Coal Mines.....            |  |          |        |        | 3   | 700    | 8                 | 190      | 180    |     |                  |                             | 40                    |                    |        |
| Lake Outlet.....           |  |          |        |        | 5   | 40     | 10                | 120      | 50     |     |                  |                             |                       |                    |        |
| Trout River.....           |  |          |        |        |     |        |                   |          |        |     |                  |                             |                       |                    |        |
| Totals.....                | 15                                     | 492      | 11200  | 89     | 801 | 28262  | 2198              | 108360   | 40310  | 80  | 980              | 227                         | 24000                 | 2000               | 12931  |

the Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

| KINDS OF FISH.    |                    |           |                                  |                       |               |               |            |             |                 |             |                |                   | FISH PRODUCTS.  |                    | VALUE. |                             |    |
|-------------------|--------------------|-----------|----------------------------------|-----------------------|---------------|---------------|------------|-------------|-----------------|-------------|----------------|-------------------|-----------------|--------------------|--------|-----------------------------|----|
| Herring, barrels. | Alewives, barrels. | Cod, cwt. | Cod Tongues and Sounds, barrels. | Hake and Sounds, lbs. | Haddock, cwt. | Halibut, lbs. | Bass, lbs. | Trout, lbs. | Squid, barrels. | Smelt, lbs. | Eels, barrels. | Oysters, barrels. | Lobsters, cans. | Fish Oil, gallons. |        | Fish used as bait, barrels. | \$ |
| 3000              | 300                | 1000      | 600                              | 700                   | 100           | .....         | .....      | 500         | 30              | 200         | 20             | .....             | .....           | 4000               | 16     | 73,458                      | 00 |
| 2000              | .....              | 200       | 250                              | 100                   | .....         | .....         | .....      | 500         | .....           | 2000        | 20             | .....             | .....           | 1200               | 10     | 14,270                      | 00 |
| 190               | .....              | 60        | .....                            | 30                    | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 20                 | 60     | 1,343                       | 00 |
| 200               | .....              | 80        | .....                            | 20                    | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 30                 | 60     | 2,143                       | 50 |
| 225               | .....              | 120       | .....                            | 40                    | .....         | .....         | .....      | 1500        | .....           | 5000        | 5              | .....             | .....           | 100                | 80     | 3,030                       | 00 |
| 250               | .....              | 80        | .....                            | 20                    | .....         | .....         | .....      | 2000        | .....           | 8000        | 20             | .....             | .....           | 80                 | 60     | 3,102                       | 00 |
| 500               | .....              | 600       | 10                               | 300                   | 60            | 400           | .....      | 1000        | 40              | 4000        | 40             | .....             | .....           | 400                | 400    | 9,177                       | 60 |
| 4000              | .....              | 4000      | 3000                             | 600                   | .....         | .....         | .....      | 1000        | 80              | 2000        | 10             | .....             | 106372          | 1600               | 2000   | 71,185                      | 80 |
| 300               | .....              | 600       | 200                              | 200                   | .....         | .....         | .....      | 200         | 10              | 2500        | 10             | .....             | 34147           | 400                | 30     | 12,254                      | 05 |
| 125               | .....              | 440       | .....                            | .....                 | .....         | .....         | .....      | 4000        | .....           | 4000        | 40             | 150               | .....           | 80                 | 10     | 3,722                       | 00 |
| 450               | .....              | 500       | .....                            | .....                 | .....         | .....         | .....      | 800         | .....           | 1500        | 120            | 150               | .....           | 120                | 12     | 5,683                       | 00 |
| 850               | .....              | 640       | .....                            | .....                 | .....         | .....         | .....      | 500         | .....           | 4000        | 125            | 50                | .....           | 200                | 20     | 7,815                       | 00 |
| 125               | .....              | 280       | .....                            | .....                 | .....         | .....         | .....      | 800         | .....           | 2000        | 100            | 120               | .....           | 100                | 5      | 3,613                       | 00 |
| .....             | .....              | .....     | .....                            | .....                 | .....         | .....         | .....      | 1200        | .....           | 1500        | .....          | .....             | .....           | .....              | .....  | 162                         | 00 |
| 750               | .....              | 760       | .....                            | .....                 | .....         | .....         | .....      | 150         | .....           | 400         | 40             | .....             | .....           | 160                | 40     | 6,767                       | 00 |
| 150               | .....              | 160       | .....                            | .....                 | .....         | .....         | .....      | 100         | .....           | .....       | 30             | .....             | .....           | 50                 | 10     | 1,598                       | 50 |
| 25                | .....              | 5000      | .....                            | 90                    | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 1510               | 100    | 23,962                      | 50 |
| 20                | .....              | 1000      | .....                            | 40                    | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 400                | 80     | 8,990                       | 00 |
| 30                | .....              | 1500      | .....                            | 50                    | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 500                | 90     | 10,355                      | 00 |
| 20                | .....              | 1500      | .....                            | 40                    | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 400                | 50     | 8,905                       | 00 |
| 16                | .....              | 1000      | .....                            | 15                    | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 250                | 130    | 12,659                      | 00 |
| 100               | .....              | 800       | .....                            | 70                    | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | 42000           | 600                | 150    | 18,645                      | 00 |
| 300               | .....              | 2500      | .....                            | 200                   | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 500                | 90     | 15,940                      | 00 |
| 50                | .....              | 12000     | .....                            | 100                   | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 800                | 150    | 52,720                      | 00 |
| 170               | .....              | 5000      | .....                            | 300                   | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 400                | 175    | 27,415                      | 00 |
| 60                | .....              | 200       | .....                            | 50                    | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 200                | 25     | 2,220                       | 00 |
| 30                | .....              | 150       | .....                            | 25                    | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 90                 | 17     | 1,320                       | 50 |
| 120               | .....              | 640       | .....                            | 60                    | 600           | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 280                | 10     | 5,138                       | 00 |
| 260               | .....              | 700       | .....                            | 80                    | 400           | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 350                | 12     | 6,738                       | 50 |
| 500               | 40                 | 1800      | .....                            | 300                   | 950           | .....         | .....      | .....       | .....           | .....       | 10             | .....             | .....           | 960                | 28     | 16,529                      | 00 |
| 220               | 300                | 2460      | .....                            | 266                   | 800           | .....         | .....      | .....       | .....           | .....       | 7              | .....             | .....           | 1540               | 49     | 23,517                      | 00 |
| 25                | 150                | 40        | .....                            | .....                 | .....         | .....         | .....      | 1600        | .....           | .....       | 5              | .....             | .....           | 300                | .....  | 1,432                       | 00 |
| .....             | 864                | .....     | .....                            | .....                 | .....         | .....         | .....      | 2900        | .....           | .....       | 24             | .....             | .....           | .....              | .....  | 3,846                       | 00 |
| 400               | .....              | 640       | .....                            | 98                    | 100           | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 340                | 30     | 10,320                      | 00 |
| 160               | .....              | 420       | .....                            | 80                    | 400           | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 210                | 20     | 5,485                       | 50 |
| 150               | .....              | 250       | .....                            | 30                    | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 200                | 10     | 3,707                       | 50 |
| 140               | 10                 | 440       | .....                            | 50                    | 200           | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 240                | 12     | 4,625                       | 00 |
| 45                | .....              | 150       | .....                            | 20                    | .....         | .....         | .....      | .....       | .....           | .....       | .....          | .....             | .....           | 40                 | 6      | 1,319                       | 50 |
| .....             | 120                | .....     | .....                            | .....                 | .....         | .....         | .....      | 900         | .....           | .....       | 50             | .....             | .....           | .....              | .....  | 984                         | 00 |
| .....             | .....              | .....     | .....                            | .....                 | .....         | .....         | .....      | 11400       | .....           | .....       | .....          | .....             | .....           | .....              | .....  | 684                         | 00 |
| 15956             | 1784               | 47810     | 10                               | 4050                  | 3974          | 3510          | 400        | 31050       | 160             | 37100       | 676            | 470               | 182519          | 18650              | 4047   | 486,782                     | 45 |



RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

| DISTRICT.                           | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |     |        | FISHING MATERIAL. |          |        |     | Salmon, barrels. | Salmon, fresh, in ice, lbs. | Salmon, in cans, lbs. | Mackerel, barrels. |
|-------------------------------------|--|----------|--------|--------|-----|--------|-------------------|----------|--------|-----|------------------|-----------------------------|-----------------------|--------------------|
|                                     | Vessels.                               |          |        | Boats. |     |        | Nets.             |          | Weirs. |     |                  |                             |                       |                    |
|                                     | No.                                    | Tonnage. | Value. | Men.   | No. | Value. | Men.              | Fathoms. | Value. | No. |                  |                             |                       |                    |
| <i>Richmond.</i>                    |  |          | \$     |        |     | \$     |                   | \$       | \$     |     |                  |                             |                       |                    |
| Arichat .....                       | 3                                      | 75       | 350    | 18     | 40  | 600    | 80                | 30000    | 5000   | ... | ...              | ...                         | ...                   | 80                 |
| Arichat West .....                  | 1                                      | 25       | 100    | 6      | 80  | 1525   | 140               | 20000    | 4000   | ... | ...              | ...                         | ...                   | 70                 |
| Petit de Grat .....                 | ...                                    | ...      | ...    | ...    | 50  | 750    | 100               | 40000    | 6000   | ... | 6                | 300                         | ...                   | 200                |
| Cape Hogan .....                    | ...                                    | ...      | ...    | ...    | 40  | 800    | 80                | 30000    | 5000   | ... | ...              | ...                         | ...                   | 100                |
| Port Royal .....                    | ...                                    | ...      | ...    | ...    | 10  | 150    | 20                | 10000    | 2000   | ... | 5                | 200                         | ...                   | 50                 |
| D'Escousse .....                    | 16                                     | 600      | 16000  | 200    | 20  | 300    | 40                | 40000    | 6200   | ... | ...              | ...                         | ...                   | 60                 |
| Polimond .....                      | 2                                      | 30       | 500    | 12     | 10  | 150    | 20                | 1000     | 500    | ... | ...              | ...                         | ...                   | 10                 |
| Port Richmond .....                 | 4                                      | 160      | 4000   | 48     | 3   | 45     | 6                 | 900      | 400    | ... | ...              | ...                         | ...                   | 19                 |
| Cape Le Rond .....                  | ...                                    | ...      | ...    | ...    | 20  | 300    | 40                | 3000     | 1500   | ... | ...              | ...                         | ...                   | 200                |
| Rocky Bay .....                     | ...                                    | ...      | ...    | ...    | 40  | 600    | 80                | 8000     | 4000   | ... | ...              | ...                         | ...                   | 200                |
| Little Anse .....                   | ...                                    | ...      | ...    | ...    | 50  | 750    | 100               | 8000     | 4000   | ... | ...              | ...                         | ...                   | 250                |
| Gros Nez .....                      | ...                                    | ...      | ...    | ...    | 60  | 825    | 120               | 8000     | 4000   | ... | ...              | ...                         | ...                   | 200                |
| River Inhabitants .....             | 3                                      | 90       | 1900   | 18     | 10  | 150    | 20                | 9000     | 4050   | ... | 10               | ...                         | ...                   | ...                |
| Black River .....                   | ...                                    | ...      | ...    | ...    | 10  | 150    | 20                | 900      | 450    | ... | 10               | ...                         | ...                   | ...                |
| Martinique and Lennox Passage ..... | ...                                    | ...      | ...    | ...    | 12  | 180    | 24                | 700      | 300    | ... | ...              | ...                         | ...                   | ...                |
| Lower d'Escousse .....              | 3                                      | 60       | 1200   | 18     | 45  | 450    | 90                | 9000     | 4500   | ... | ...              | ...                         | ...                   | 100                |
| Fourchu .....                       | ...                                    | ...      | ...    | ...    | 40  | 2000   | 112               | 7200     | 1800   | ... | ...              | ...                         | ...                   | 240                |
| Framboise .....                     | ...                                    | ...      | ...    | ...    | 9   | 180    | 24                | 2160     | 540    | ... | ...              | ...                         | ...                   | 108                |
| St. Esprit .....                    | ...                                    | ...      | ...    | ...    | 9   | 360    | 19                | 2160     | 540    | ... | ...              | ...                         | ...                   | 225                |
| Larchevêque .....                   | ...                                    | ...      | ...    | ...    | 11  | 440    | 28                | 3080     | 770    | ... | ...              | ...                         | ...                   | 220                |
| Grand River .....                   | ...                                    | ...      | ...    | ...    | 32  | 960    | 66                | 10240    | 2560   | ... | ...              | ...                         | ...                   | 768                |
| Point Michaud .....                 | ...                                    | ...      | ...    | ...    | 19  | 380    | 22                | 2600     | 1000   | ... | ...              | ...                         | ...                   | 250                |
| L'Ardoise .....                     | 4                                      | 138      | 4300   | 33     | 227 | 4600   | 435               | 23500    | 10500  | ... | 30               | ...                         | ...                   | 3500               |
| St. Peter's Island .....            | 2                                      | 35       | 300    | 10     | 48  | 720    | 80                | 4000     | 1680   | ... | 4                | ...                         | ...                   | 300                |
| St. Peters .....                    | 2                                      | 100      | 2000   | 20     | 50  | 750    | 100               | 8500     | 2100   | ... | 3                | ...                         | ...                   | 500                |
| River Bourgeois .....               | 25                                     | 600      | 12500  | 170    | 15  | 200    | 30                | 3000     | 1050   | ... | ...              | ...                         | ...                   | 400                |
| Totals .....                        | 65                                     | 1913     | 43150  | 553    | 960 | 18315  | 1896              | 284940   | 74240  | ... | 68               | 500                         | ...                   | 8041               |

the Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

| KINDS OF FISH.   |                    |           |                                  |                   |               |               |            |             |                 |             |                |                   | FISH PRODUCTS.  |                    | VALUE. |                             |    |
|------------------|--------------------|-----------|----------------------------------|-------------------|---------------|---------------|------------|-------------|-----------------|-------------|----------------|-------------------|-----------------|--------------------|--------|-----------------------------|----|
| Herring, barrels | Alewives, barrels. | Cod, cwt. | Cod Tongues and Sounds, barrels. | Hake Sounds, lbs. | Haddock, cwt. | Halibut, lbs. | Bass, lbs. | Trout, lbs. | Squid, barrels. | Smelt, lbs. | Eels, barrels. | Oysters, barrels. | Lobsters, cans. | Fish Oil, gallons. |        | Fish used as bait, barrels. | \$ |
| 3000             | 40                 | 700       | 10                               | ...               | 3500          | ...           | ...        | ...         | ...             | ...         | 10             | ...               | 92000           | 1000               | ...    | 42,795                      | 00 |
| 2000             | 50                 | 800       | 10                               | ...               | 2000          | ...           | ...        | ...         | ...             | 2000        | 10             | ...               | ...             | 460                | ...    | 19,879                      | 00 |
| 2000             | 40                 | 400       | 4                                | ...               | 2500          | ...           | ...        | ...         | ...             | ...         | ...            | ...               | 43000           | 400                | ...    | 27,516                      | 00 |
| 3000             | ...                | 200       | 2                                | ...               | 2000          | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 400                | ...    | 21,124                      | 00 |
| 2000             | ...                | 200       | 2                                | ...               | 3000          | ...           | ...        | ...         | ...             | 1000        | 10             | ...               | ...             | 400                | ...    | 20,404                      | 00 |
| 350              | ...                | 9000      | 20                               | ...               | 1000          | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 1000               | ...    | 44,540                      | 00 |
| 200              | 200                | 2100      | ...                              | ...               | 200           | ...           | ...        | ...         | ...             | ...         | 10             | ...               | ...             | 50                 | ...    | 11,447                      | 50 |
| 100              | 20                 | 200       | ...                              | ...               | 50            | ...           | ...        | ...         | ...             | ...         | 10             | ...               | ...             | 30                 | ...    | 1,714                       | 50 |
| 1000             | ...                | 200       | ...                              | ...               | 300           | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 80                 | ...    | 7,952                       | 00 |
| 800              | ...                | 150       | ...                              | ...               | 200           | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 40                 | ...    | 6,563                       | 50 |
| 1000             | ...                | 300       | ...                              | ...               | 400           | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 100                | ...    | 9,240                       | 00 |
| 900              | ...                | 400       | ...                              | ...               | 1500          | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 200                | ...    | 12,680                      | 00 |
| 100              | 100                | 350       | ...                              | ...               | 100           | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 40                 | ...    | 2,843                       | 50 |
| 100              | ...                | 100       | ...                              | ...               | 150           | ...           | ...        | ...         | ...             | ...         | 30             | ...               | ...             | 40                 | ...    | 1,826                       | 00 |
| 250              | 100                | ...       | ...                              | ...               | ...           | ...           | ...        | ...         | ...             | ...         | 30             | ...               | ...             | ...                | ...    | 1,670                       | 00 |
| 200              | ...                | 350       | ...                              | ...               | 200           | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 100                | ...    | 4,052                       | 50 |
| 560              | ...                | 1800      | ...                              | ...               | ...           | ...           | ...        | ...         | ...             | ...         | ...            | ...               | 57600           | 880                | ...    | 21,502                      | 00 |
| 360              | ...                | 36        | ...                              | ...               | ...           | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 20                 | ...    | 2,686                       | 00 |
| 225              | ...                | 27        | ...                              | ...               | ...           | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 18                 | ...    | 3,276                       | 45 |
| 253              | ...                | 44        | ...                              | ...               | ...           | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 22                 | ...    | 3,413                       | 30 |
| 800              | ...                | 96        | ...                              | ...               | ...           | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 64                 | ...    | 11,329                      | 60 |
| 275              | 6                  | 200       | 4                                | ...               | 50            | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 125                | ...    | 4,758                       | 25 |
| 5700             | 45                 | 4800      | ...                              | ...               | 14000         | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 4500               | ...    | 130,845                     | 00 |
| 270              | 10                 | 400       | ...                              | ...               | 200           | ...           | ...        | ...         | ...             | ...         | 2              | ...               | 20400           | 200                | ...    | 9,800                       | 00 |
| 100              | ...                | 650       | ...                              | ...               | ...           | ...           | ...        | ...         | ...             | ...         | ...            | ...               | ...             | 320                | ...    | 8,424                       | 50 |
| 300              | 50                 | 6750      | ...                              | ...               | 450           | ...           | ...        | ...         | ...             | ...         | 5              | ...               | ...             | 3500               | ...    | 37,982                      | 50 |
| 25843            | 661                | 30253     | 52                               | ...               | 31800         | ...           | ...        | ...         | ...             | 3000        | 117            | ...               | 213000          | 13989              | ...    | 479,265                     | 10 |

\*Added for home consumption.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

| DISTRICT.              | VESSELS AND BOATS EMPLOYED IN FISHING. |           |            |           |                        |             | FISHING MATERIAL. |              |             |     | Salmon, barrels. | Salmon, in cans, lbs. | Mackerel, barrels. | Mackerel, in cans. |             |
|------------------------|--|-----------|------------|-----------|------------------------|-------------|-------------------|--------------|-------------|-----|------------------|-----------------------|--------------------|--------------------|-------------|
|                        | Vessels.                               |           |            | Boats.    |                        |             | Nets.             |              | Weirs.      |     |                  |                       |                    |                    |             |
|                        | No.                                    | Tonnage.  | Value.     | Men.      | No.                    | Value.      | Men.              | Fathoms.     | Value.      | No. |                  |                       |                    |                    | Value.      |
| <i>Victoria.</i>       |  |           | \$         |           |                        | \$          |                   |              | \$          | \$  |                  |                       |                    |                    |             |
| New Campbellton .....  | 1                                      | 15        | 300        | 3         | 16                     | 200         | 32                | 850          | 420         |     |                  |                       |                    | 10                 |             |
| Great Bras D'Or .....  |  |           |            |           | 20                     | 300         | 40                | 950          | 475         |     |                  |                       |                    | 60                 |             |
| Boularderie .....      |  |           |            |           | 1                      | 15          | 1                 | 25           | 13          |     |                  | 5                     |                    |                    |             |
| French River .....     |  |           |            |           | 20                     | 300         | 40                | 1200         | 600         |     |                  |                       |                    | 20                 |             |
| English Town .....     | 1                                      | 14        | 250        | 3         | 45                     | 675         | 90                | 3000         | 1500        |     |                  | 21                    |                    | 232                |             |
| Grand Narrows .....    |  |           |            |           | 32                     | 400         | 64                | 900          | 450         |     |                  |                       |                    |                    |             |
| Wreck Cove .....       |  |           |            |           | 16                     | 200         | 32                | 800          | 200         |     |                  |                       |                    | 25                 |             |
| St. Ann's Bay .....    |  |           |            |           | 10                     | 120         | 20                | 300          | 150         |     |                  | 6                     |                    |                    |             |
| Smoky Head .....       |  |           |            |           | 14                     | 168         | 28                | 700          | 350         |     |                  | 12                    |                    | 18                 |             |
| Baddeck .....          |  |           |            |           | 1                      | 15          | 2                 | 25           | 13          |     |                  | 5                     |                    |                    |             |
| Washabuck .....        |  |           |            |           | 5                      | 60          | 10                | 100          | 50          |     |                  |                       |                    |                    |             |
| North River .....      |  |           |            |           | 8                      | 192         | 16                | 400          | 200         |     |                  |                       |                    |                    |             |
|                        |  |           |            |           | Home consumption ..... |             |                   |              |             |     |                  |                       |                    |                    |             |
| South Ingonish .....   | 1                                      | 11        | 100        | 4         | 71                     | 1420        | 142               | 3550         | 852         |     |                  | 2                     |                    | 11                 |             |
| North Ingonish .....   |  |           |            |           | 42                     | 840         | 84                | 2100         | 504         |     |                  | 34                    | 4600               | 290                |             |
| Green Cove .....       |  |           |            |           | 13                     | 260         | 26                | 450          | 156         |     |                  | 14                    |                    | 50                 |             |
| Neil's Harbour .....   |  |           |            |           | 40                     | 800         | 80                | 2000         | 480         |     |                  | 8                     |                    | 30                 |             |
| New Haven .....        |  |           |            |           | 18                     | 360         | 36                | 900          | 216         |     |                  |                       |                    | 8                  |             |
| White Point .....      |  |           |            |           | 54                     | 1080        | 108               | 2700         | 648         |     |                  | 8                     |                    | 110                |             |
| Bay St. Lawrence ..... |  |           |            |           | 56                     | 1120        | 112               | 2800         | 672         |     |                  | 9                     |                    | 350                |             |
| Aspy Bay .....         |  |           |            |           | 7                      | 140         | 14                | 350          | 84          |     |                  | 10                    |                    | 12                 |             |
| <b>Totals .....</b>    | <b>3</b>                               | <b>40</b> | <b>650</b> | <b>10</b> | <b>489</b>             | <b>8665</b> | <b>977</b>        | <b>24100</b> | <b>8033</b> |     |                  | <b>152</b>            | <b>4600</b>        | <b>1330</b>        | <b>4820</b> |

the Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

| KINDS OF FISH.    |                    |           |                                  |            |               |               |            |             |                 | FISH PRODUCTS. |                | VALUE. |                   |                 |                    |                             |            |
|-------------------|--------------------|-----------|----------------------------------|------------|---------------|---------------|------------|-------------|-----------------|----------------|----------------|--------|-------------------|-----------------|--------------------|-----------------------------|------------|
| Herring, barrels. | Alewives, barrels. | Cod, cwt. | Cod Tongues and Sounds, barrels. | Hake, lbs. | Haddock, cwt. | Halibut, lbs. | Bass, lbs. | Trout, lbs. | Squid, barrels. | Smelt, lbs.    | Eels, barrels. |        | Oysters, barrels. | Lobsters, cans. | Fish Oil, gallons. | Fish used as bait, barrels. | \$         |
| 40                |                    | 550       | 50                               |            | 50            |               |            |             |                 |                |                |        |                   | 280             | 300                |                             | 3,429 50   |
| 50                |                    | 575       |                                  |            | 80            |               |            |             |                 |                |                |        |                   | 200             | 160                |                             | 3,813 75   |
| 100               |                    | 500       | 20                               |            | 45            |               |            |             |                 |                |                |        |                   | 250             | 60                 |                             | 90 00      |
| 250               |                    | 870       |                                  |            | 110           |               |            |             | 2               |                |                |        |                   | 310             | 50                 |                             | 3,175 00   |
| 150               |                    | 640       |                                  |            |               |               |            |             |                 |                |                |        |                   | 75              | 16                 |                             | 8,040 00   |
| 60                |                    | 200       | 10                               |            | 44            |               |            |             |                 |                |                |        |                   | 100             | 20                 |                             | 3,384 75   |
| 140               |                    | 120       |                                  |            | 15            |               |            |             | 50              |                |                |        |                   | 60              | 50                 |                             | 1,614 00   |
| 50                |                    | 80        |                                  |            | 20            |               |            |             |                 |                |                |        |                   | 89              | 35                 |                             | 1,555 50   |
|                   |                    |           |                                  |            |               |               |            |             |                 |                |                |        |                   |                 |                    |                             | 1,098 85   |
|                   |                    | 50        |                                  |            |               |               |            |             |                 |                |                |        | 50                |                 |                    |                             | 90 00      |
| 45                |                    | 20        |                                  |            |               |               |            |             |                 |                |                |        |                   |                 | 5                  |                             | 367 50     |
| 2000              |                    | 600       |                                  |            |               |               |            |             |                 |                |                |        |                   | 10              |                    |                             | 271 50     |
| 905               |                    | 3468      | 12                               |            | 205           |               |            |             |                 |                |                |        | 10                | 250             |                    |                             | 10,888 50  |
| 68                |                    | 2550      |                                  |            | 240           |               |            |             |                 |                |                |        |                   | 1784            | 426                |                             | 34,871 10  |
| 80                |                    | 660       |                                  |            | 26            |               |            |             |                 |                |                |        |                   | 1275            | 210                |                             | 14,352 25  |
| 90                |                    | 2400      |                                  |            |               |               |            |             |                 |                |                |        |                   | 330             | 68                 |                             | 4,250 50   |
| 30                |                    | 2100      |                                  |            |               |               |            |             |                 |                |                |        |                   | 1150            | 200                |                             | 11,951 50  |
| 46                |                    | 3850      | 1                                |            |               |               |            |             |                 |                |                |        |                   | 1050            | 90                 |                             | 9,897 50   |
| 260               |                    | 2750      |                                  |            |               |               |            |             |                 |                |                |        |                   | 1920            | 270                |                             | 19,315 50  |
| 20                |                    | 340       |                                  |            |               |               |            |             |                 |                |                |        |                   | 1375            | 280                |                             | 17,563 25  |
|                   |                    |           |                                  |            |               |               |            |             |                 |                |                |        |                   | 170             | 35                 |                             | 1,970 50   |
|                   |                    |           |                                  |            |               |               |            |             |                 |                |                |        |                   |                 |                    |                             | *600 00    |
|                   |                    |           |                                  |            |               |               |            |             |                 |                |                |        |                   |                 |                    |                             | †12,000 00 |
| 4384              |                    | 22323     | 13 80                            |            | 915           |               |            |             | 52              |                | 4              | 60     | 59800             | 10678           | 2275               |                             | 164,590 95 |

\* 600 gallons cod liver oil. † Fish consumed in districts.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, Quantity and Value of Fishing Material, Kinds and Quantities of Fish, and the Total Number of Men Employed, &c.—Nova Scotia, for the Year, 1884.

| District.      | VESSELS AND BOATS EMPLOYED IN FISHING. |          |         |        |       |        | FISHING MATERIAL. |         |        |        | KINDS OF FISH.   |                            |                      |                    |                    |                    |                   |                            |                    |           |        |       |
|----------------|--|----------|---------|--------|-------|--------|-------------------|---------|--------|--------|------------------|----------------------------|----------------------|--------------------|--------------------|--------------------|-------------------|----------------------------|--------------------|-----------|--------|-------|
|                | Vessels.                               |          |         | Boats. |       |        | Nets.             |         | Weirs. |        | Salmon, barrels. | Salmon, fresh in ice, lbs. | Salmon, smoked, lbs. | Salmon, cans, lbs. | Mackerel, barrels. | Mackerel, in cans. | Herring, barrels. | Herring, smoked, in boxes. | Alewives, barrels. | Cod, cwt. |        |       |
|                | No.                                    | Tonnage. | Value.  | Men.   | No.   | Value. | Fathoms.          | Value.  | No.    | Value. |                  |                            |                      |                    |                    |                    |                   |                            |                    |           |        |       |
| Annapolis ...  | 19                                     | 326      | 11300   | 70     | 329   | 6039   | 648               | 46950   | 16830  | 26     | 3900             | 1936                       | .....                | .....              | .....              | 21500              | 60000             | 6                          | 2500               | .....     |        |       |
| Antigonish.... | .....                                  | .....    | .....   | .....  | 207   | 3096   | 440               | 15800   | 27100  | .....  | .....            | 58600                      | .....                | .....              | 1590               | 1020               | .....             | 576                        | 660                | .....     |        |       |
| Colchester.... | .....                                  | .....    | .....   | .....  | 107   | 3310   | 230               | 27041   | 5941   | 28     | 8900             | 22020                      | .....                | .....              | 10                 | 120                | 795               | 28                         | 120                | .....     |        |       |
| Cumberland..   | 1                                      | 32       | 1200    | 4      | 71    | 1665   | 164               | 2780    | 1835   | 11     | 350              | 2200                       | .....                | .....              | 130                | 2092               | .....             | 1000                       | 450                | .....     |        |       |
| Digby.....     | 92                                     | 1752     | 70620   | 696    | 412   | 15920  | 1003              | 32815   | 24365  | 18     | 4040             | 6000                       | .....                | .....              | 13605              | 11465              | 28500             | .....                      | 47634              | .....     |        |       |
| Guysborough.   | 39                                     | 1808     | 77500   | 328    | 1582  | 42149  | 2695              | 235930  | 115700 | 82     | 10050            | 17633                      | 2360                 | 1052               | 14799              | 39520              | .....             | 2327                       | 46568              | .....     |        |       |
| Halifax.....   | 108                                    | 2910     | 92260   | 694    | 2626  | 72469  | 2697              | 278616  | 84046  | 461    | 99173            | 2546                       | 8226                 | .....              | 21878              | 41098              | .....             | 2060                       | 51724              | .....     |        |       |
| Hants.....     | .....                                  | .....    | .....   | .....  | 145   | 2526   | 182               | 15590   | 4475   | 9      | 1135             | 3469                       | 50                   | .....              | .....              | 230                | 300               | 331                        | 47                 | .....     |        |       |
| Kings.....     | 8                                      | .....    | .....   | 32     | 72    | 1980   | 135               | 16635   | 5317   | 42     | 4950             | 32800                      | .....                | .....              | 20                 | 9239               | 22200             | .....                      | 1087               | .....     |        |       |
| Lunenburg....  | 226                                    | 13144    | 651144  | 2266   | 1929  | 37200  | 4390              | 62300   | 51050  | 128    | 36300            | 102550                     | 6150                 | .....              | 40800              | 1500               | .....             | 1418                       | 219020             | .....     |        |       |
| Pictou.....    | 4                                      | 129      | 2000    | 17     | 105   | 2100   | 115               | 8360    | 10010  | 10200  | 6000             | 71700                      | .....                | .....              | 334                | 2709               | .....             | .....                      | 426                | .....     |        |       |
| Queens.....    | 26                                     | 1375     | 74120   | 266    | 372   | 9831   | 615               | 19105   | 9642   | 4      | 1850             | 33869                      | 1405                 | .....              | 4844               | 1668               | .....             | 3474                       | 26120              | .....     |        |       |
| Shelburne....  | 73                                     | 4835     | 235780  | 1031   | 812   | 26544  | 1369              | 74896   | 20334  | 15     | 15000            | .....                      | .....                | .....              | 13741              | 60776              | .....             | 605                        | 124478             | .....     |        |       |
| Yarmouth....   | 101                                    | 5213     | 264430  | 1363   | 623   | 11942  | 1063              | 77674   | 34187  | 15     | 38800            | 13450                      | .....                | .....              | 17815              | 8000               | 7911              | 1140                       | 4376               | 124961    | .....  |       |
| Cape Breton... | 16                                     | 308      | 5960    | 189    | 770   | 25832  | 1632              | 67696   | 32927  | 2000   | 1500             | 8650                       | 50                   | .....              | 8870               | .....              | 11080             | 150                        | 356                | 33233     | .....  |       |
| Inverness....  | 15                                     | 492      | 11200   | 89     | 801   | 28262  | 2198              | 108360  | 40310  | 80     | 960              | 227                        | 24000                | .....              | 12931              | .....              | 15956             | .....                      | 1784               | 47810     | .....  |       |
| Richmond....   | 65                                     | 1913     | 43150   | 653    | 960   | 18315  | 1896              | 284940  | 74240  | .....  | .....            | 68                         | 500                  | .....              | 8041               | .....              | 23843             | .....                      | 661                | 80253     | .....  |       |
| Victoria.....  | 3                                      | 40       | 650     | 10     | 489   | 8665   | 977               | 24100   | 8033   | .....  | .....            | 152                        | .....                | .....              | 1330               | 4820               | .....             | .....                      | .....              | 22323     | .....  |       |
| Totals.....    | 796                                    | 34227    | 1544911 | 7528   | 12412 | 317765 | 22469             | 1399428 | 566344 | 13139  | 241908           | 3183465                    | 177                  | 18230              | 7652               | 155739             | 82776             | 250383                     | 113085             | 19202     | 779304 | ..... |

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, Quantity and Value of Fishing Material, Kinds and Quantities of Fish, and the Total Number of Men Employed, &c.—Nova Scotia—Concluded.

| DISTRICT.        | KINDS OF FISH.           |               |                      |               |                                       |                |           |            |                 |             | FISH PRODUCTS. |               |                |                |                | VALUE. |                   |                             |                    |
|------------------|--------------------------|---------------|----------------------|---------------|---------------------------------------|----------------|-----------|------------|-----------------|-------------|----------------|---------------|----------------|----------------|----------------|--------|-------------------|-----------------------------|--------------------|
|                  | God Tongues and Sound.   | Pollock, cwt. | Hake and Sound, lbs. | Haddock, cwt. | Halibut, lbs.                         | Shad, barrels. | Bas, lbs. | Trou, lbs. | Squid, barrels. | Smelt, lbs. | Refs, barrels. | Oysters, bar. | Lofters, cans. | Fish Oil, gal. | Fish Roe, bar. |        | Fish Guano, tons. | Fish used as bait, barrels. | Fish used as rels. |
| Annapolis.....   | 3250                     | 2876          | 5050                 | 90000         | See County Return for quantities, &c. | .....          | .....     | .....      | .....           | .....       | .....          | .....         | .....          | 8726           | .....          | .....  | 1130              | 2000                        | \$ 156,962 45      |
| Antigonish.....  | Home Consumption.        | 3850          | 5200                 | 8000          | 18500                                 | 550            | 280800    | 870        | 1015            | .....       | .....          | .....         | .....          | .....          | .....          | .....  | .....             | .....                       | 16,410 00          |
| Colchester.....  | Home Consumption.        | 30            | 966                  | 112           | 3100                                  | 17000          | 50        | .....      | .....           | .....       | .....          | .....         | .....          | 55             | 20             | .....  | .....             | .....                       | 98,111 50          |
| Cumberland.....  | Home Consumption.        | 50            | 340                  | 2800          | 868                                   | 73000          | 1200      | .....      | .....           | .....       | .....          | .....         | .....          | 132            | 108            | .....  | .....             | .....                       | 11,250 00          |
| Digby.....       | Home Consumption.        | 150           | 23769                | 15881         | 64722                                 | 504490         | 145       | 2000       | 560             | 10000       | 40             | .....         | .....          | 82160          | 20490          | 10475  | .....             | .....                       | 15,056 22          |
| Guysborough..... | Home Consumption.        | 93            | 347                  | .....         | 8461                                  | 33300          | 9         | 20500      | 1185            | 17600       | 131            | .....         | 849160         | 23357          | 90             | 1312   | .....             | .....                       | 4,086 49           |
| Halifax.....     | Home Consumption.        | 714           | 389                  | 6300          | 5386                                  | 262200         | .....     | 28100      | 103000          | 135         | .....          | .....         | 1247788        | 32376          | 3588           | .....  | .....             | .....                       | 64,828 80          |
| Hants.....       | Consumed by inhabitants, | .....         | .....                | .....         | .....                                 | .....          | .....     | .....      | .....           | .....       | .....          | .....         | .....          | .....          | .....          | .....  | .....             | .....                       | 831,998 40         |
| Kings.....       | Home Consumption.        | 530           | .....                | .....         | .....                                 | .....          | .....     | .....      | .....           | .....       | .....          | .....         | .....          | .....          | .....          | .....  | .....             | .....                       | 705,693 05         |
| Lunenburg.....   | Home Consumption.        | 225           | 19788                | 538           | 51272                                 | 193500         | .....     | 11300      | 640             | 109000      | 280            | .....         | .....          | 149000         | 171290         | .....  | .....             | .....                       | 41,500 00          |
| Pictou.....      | Home Consumption.        | .....         | .....                | .....         | .....                                 | .....          | .....     | .....      | .....           | .....       | .....          | .....         | .....          | .....          | .....          | .....  | .....             | .....                       | 937,447 10         |
| Queens.....      | Home Consumption.        | 63            | 22                   | .....         | .....                                 | .....          | .....     | .....      | .....           | .....       | .....          | .....         | .....          | .....          | .....          | .....  | .....             | .....                       | 58,300 00          |
| Shelburne.....   | Home Consumption.        | .....         | .....                | .....         | .....                                 | .....          | .....     | .....      | .....           | .....       | .....          | .....         | .....          | .....          | .....          | .....  | .....             | .....                       | 7,363 65           |
| Yarmouth.....    | Home Consumption.        | 113           | 12168                | .....         | .....                                 | .....          | .....     | .....      | .....           | .....       | .....          | .....         | .....          | .....          | .....          | .....  | .....             | .....                       | 3,928 00           |
| Cape Breton..... | Home Consumption.        | 7             | .....                | .....         | .....                                 | .....          | .....     | .....      | .....           | .....       | .....          | .....         | .....          | .....          | .....          | .....  | .....             | .....                       | 64,497 25          |
| Inverness.....   | Home Consumption.        | 10            | .....                | .....         | .....                                 | .....          | .....     | .....      | .....           | .....       | .....          | .....         | .....          | .....          | .....          | .....  | .....             | .....                       | 3,706 80           |
| Richmond.....    | Home Consumption.        | 52            | .....                | .....         | .....                                 | .....          | .....     | .....      | .....           | .....       | .....          | .....         | .....          | .....          | .....          | .....  | .....             | .....                       | 1,942,273 00       |
| Victoria.....    | Home Consumption.        | 13            | .....                | .....         | .....                                 | .....          | .....     | .....      | .....           | .....       | .....          | .....         | .....          | .....          | .....          | .....  | .....             | .....                       | 7,665 00           |
| Totals.....      | 1440                     | 61732         | 34397                | 191796        | 1361590                               | 2940           | 79667     | 114750     | 2683            | 265500      | 2581           | 1595          | 5146273        | 516845         | 1517           | 51328  | 28423             | .....                       | \$ 6,763,779 36    |

RECAPITULATION, EXCLUSIVE OF CAPE BRETON ISLAND.

| Kinds of Products.  | Quantities.     | Rate.  |         | Value.    |       | Total.       |
|---|-----------------|--------|---------|-----------|-------|--------------|
|   |                 | \$     | cts.    | \$        | cts.  |              |
| Salmon, pickled.....  | 2,650 brls.     | 18     | 00      | 47,700    | 00    | 137,950 55   |
| do fresh.....   | 422,027 lbs.    | 0      | 20      | 84,405    | 40    |              |
| do home consumption.....  | 13,325 lbs.     | 0      | 15      | 1,998     | 75    |              |
| do smoked.....  | 18,180 lbs.     | 0      | 20      | 3,636     | 00    |              |
| do preserved.....   | 1,052 cans.     | 0      | 20      | 210       | 40    |              |
| Mackerel, pickled.....  | 129,566 brls.   | 10     | 00      | 1,295,660 | 00    | 1,310,603 40 |
| do preserved.....   | 77,956 cans.    | 0      | 15      | 11,693    | 40    |              |
| do home consumption.....  | 65,000 lbs.     | 0      | 05      | 3,250     | 00    |              |
| Herring.....  | 193,120 brls.   | 4      | 00      | 772,480   | 00    | 841,345 75   |
| do smoked.....  | 112,935 boxes.  | 0      | 25      | 28,233    | 75    |              |
| do home consumption.....  | 1,015,800 lbs.  | 0      | 04      | 40,632    | 00    |              |
| Alewives.....   | 16,401 brls.    | 4      | 00      | 65,604    | 00    | 74,296 00    |
| do home consumption.....  | 217,300 lbs.    | 0      | 04      | 8,692     | 00    |              |
| Cod.....  | 645,695 cwt.    | 4      | 25      | 2,744,203 | 75    | 2,770,031 35 |
| Cod Tongues and Sounds.....   | 1,358 brls.     | 7      | 00      | 9,506     | 00    |              |
| Cod, home consumption.....  | 408,040 lbs.    | 0      | 04      | 16,321    | 60    |              |
| Pollock.....  | 61,732 cwt.     | 3      | 50      | 216,062   | 00    | 216,622 00   |
| do home consumption.....  | 14,000 lbs.     | 0      | 04      | 560       | 00    |              |
| Hake Sounds.....  | 30,247 lbs.     | 1      | 00      | 30,247    | 00    | 580,615 20   |
| Hake and Haddock.....   | 152,046 cwt.    | 3      | 50      | 532,161   | 00    |              |
| do home consumption.....  | 455,180 lbs.    | 0      | 04      | 18,207    | 20    |              |
| Halibut.....  | 1,340,530 lbs.  | 0      | 06      | 80,431    | 80    | 83,791 80    |
| do home consumption.....  | 84,000 lbs.     | 0      | 04      | 3,360     | 00    |              |
| Shad.....   | 2,888 brls.     | 8      | 00      | 23,104    | 00    | 27,009 24    |
| do home consumption.....  | 97,631 lbs.     | 0      | 04      | 3,905     | 24    |              |
| Bass.....   | 79,167 lbs.     | 0      | 06      | 4,750     | 02    | 4,780 02     |
| do home consumption.....  | 500 lbs.        | 0      | 06      | 30        | 00    |              |
| Trout.....  | 77,600 lbs.     | 0      | 06      | 4,656     | 00    | 6,876 00     |
| do home consumption.....  | 37,000 lbs.     | 0      | 06      | 2,220     | 00    |              |
| Squid.....  | 2,471 brls.     | 4      | 00      | .....     | ..... | 9,884 00     |
| Smelt.....  | 207,300 lbs.    | 0      | 06      | 12,438    | 00    |              |
| do home consumption.....  | 36,200 lbs.     | 0      | 06      | 2,172     | 00    |              |
| Eels.....   | 1,554 brls.     | 9      | 00      | .....     | ..... | 14,610 00    |
| Oysters.....  | 895 brls.       | 3      | 00      | .....     | ..... |              |
| Lobsters.....   | 4,527,204 cans. | 0      | 15      | 679,080   | 60    | 2,685 00     |
| do home consumption.....  | 256,400 lbs.    | 0      | 04      | 10,256    | 00    |              |
| do sold to American Smacks, Shelburne County.....   | .....           | .....  | .....   | 14,761    | 00    | 719,777 00   |
| do sold to United States, Yarmouth Co.....  | 392,000 lbs.    | 0      | 04      | 15,680    | 00    |              |
| Fish Oil.....   | 455,934 gals.   | 0      | 65      | .....     | ..... | 296,357 10   |
| Fish Guano.....   | 1,440 tons.     | 15     | 00      | .....     | ..... |              |
| Fish used as Bait.....  | 42,582 brls.    | 1      | 00      | .....     | ..... | 42,582 00    |
| Fish used as Manure.....  | 28,423 brls.    | 0      | 50      | .....     | ..... |              |
| Haddies, fertilizer, &c., in Digby.....   | .....           | .....  | .....   | .....     | ..... | 31,720 05    |
| Home consumption, Shelburne, Barrington District, \$11,650 and 900 brls. Herring, \$4 00, not enumerated above 3,600..... | .....           | .....  | .....   | .....     | ..... |              |
| Alewives, Smoked, Yarmouth Co.....  | 80,000          | 80c    | p.100.. | .....     | ..... | 640 00       |
| Whitefish, Yarmouth Co.....   | 800 lbs.        | @      | 06      | .....     | ..... |              |
| Halifax Market, \$37,000 consumed in outside districts, Halifax.....  | .....           | 15,400 | .....   | .....     | ..... | 52,400 00    |
| Clams in Halifax and Queen's Co's.....  | 750 brls.       | 7      | 00      | .....     | ..... |              |

RECAPITULATION, EXCLUSIVE OF CAPE BRETON ISLAND—*Concluded.*

| Kinds of Products.                | Quantities. | Rate.   | Value.       | Total.       |
|-----------------------------------|-------------|---------|--------------|--------------|
|                                   |             | \$ cts. | \$ cts.      | \$ cts.      |
| Home consumption, Queen's Co..... |             |         |              | 5,570 00     |
| do Guysboro'.....                 |             |         |              | 41,500 00    |
| Total.....                        |             |         |              | 7,341,992 51 |
| Nova Scotia proper.....           |             |         | 7,341,992 51 |              |
| Cape Breton Counties.....         |             |         | 1,421,786 85 |              |
| Grand Total.....                  |             |         |              | 8,763,779 36 |

## COMPARATIVE STATEMENT of Value of Fisheries in each County in the Province of Nova Scotia, exclusive of Cape Breton Island, for the Years 1883 and 1884.

| Counties.        | 1883.        | 1884.        | Decrease.  | Increase.                  |
|------------------|--------------|--------------|------------|----------------------------|
|                  | \$ cts.      | \$ cts.      | \$ cts.    | \$ cts.                    |
| Annapolis.....   | 138,970 20   | 173,372 45   |            | 34,402 25                  |
| Antigonish.....  | 75,127 25    | 109,361 50   |            | 34,234 25                  |
| Colchester.....  | 22,892 50    | 19,142 71    | 3,749 79   |                            |
| Cumberland.....  | 74,592 60    | 65,737 80    | 8,854 80   |                            |
| Digby.....       | 1,078,806 15 | 892,258 40   | 186,547 75 |                            |
| Guysborough..... | 711,469 70   | 747,193 05   |            | 35,723 35                  |
| Halifax.....     | 727,459 65   | 995,747 10   |            | 268,287 45                 |
| Hants.....       | 11,757 20    | 11,311 65    | 445 55     |                            |
| Kings.....       | 56,101 00    | 68,204 05    |            | 12,103 05                  |
| Lunenburg.....   | 1,531,559 75 | 1,949,938 00 |            | 418,378 25                 |
| Pictou.....      | 164,586 60   | 188,941 10   |            | 24,354 50                  |
| Queen's.....     | 149,875 65   | 231,267 05   |            | 81,391 40                  |
| Shelburne.....   | 889,031 60   | 929,530 80   |            | 40,499 20                  |
| Yarmouth.....    | 780,969 70   | 959,986 85   |            | 179,017 15                 |
| Totals.....      | 6,413,199 55 | 7,341,992 51 | 199,597 89 | 1,128,390 85<br>199,597 89 |
| Increase.....    |              |              |            | 928,792 96                 |



## RECAPITULATION—CAPE BRETON ISLAND.

| Kinds of Fish.                        | Quantities.   | Rate. |      | Value.           |           |
|---------------------------------------|---------------|-------|------|------------------|-----------|
|                                       |               | \$    | cts. | \$               | cts.      |
| Salmon, pickled.....                  | 533 bbls.     | 18    | 00   | 9,594            | 00        |
| do fresh, in ice.....                 | 33,150 lbs.   | 0     | 20   | 6,630            | 00        |
| do smoked.....                        | 50 lbs.       | 0     | 20   | 10               | 00        |
| do preserved.....                     | 6,600 cans.   | 0     | 20   | 1,320            | 00        |
| Mackerel.....                         | 26,172 bbls.  | 10    | 00   | 261,720          | 00        |
| do preserved.....                     | 4,820 cans.   | 0     | 15   | 723              | 00        |
| Herring.....                          | 57,263 bbls.  | 4     | 00   | 229,052          | 00        |
| do smoked.....                        | 150 boxes.    | 0     | 25   | 37               | 60        |
| Alewives.....                         | 2,801 bbls.   | 4     | 00   | 11,204           | 00        |
| Codfish.....                          | 133,609 cwt.  | 4     | 25   | 567,838          | 25        |
| Cod Tongues and Sounds.....           | 82 bbls.      | 7     | 00   | 574              | 00        |
| Hake Sounds.....                      | 4,050 lbs.    | 1     | 00   | 4,050            | 00        |
| Hake and Haddock.....                 | 39,750 cwt.   | 3     | 50   | 139,125          | 00        |
| Halibut.....                          | 21,060 lbs.   | 0     | 06   | 1,263            | 60        |
| Shad.....                             | 52 bbls.      | 8     | 00   | 416              | 00        |
| Bas, Trout and Smelt.....             | 95,750 lbs.   | 0     | 06   | 5,745            | 00        |
| Squid.....                            | 212 bbls.     | 4     | 00   | 848              | 00        |
| Eels.....                             | 1,027 bbls.   | 9     | 00   | 9,243            | 00        |
| Oysters.....                          | 700 bbls.     | 3     | 00   | 2,100            | 00        |
| Lobsters, preserved.....              | 619,069 cans. | 0     | 15   | 92,860           | 35        |
| Fish Oil.....                         | 60,911 galls. | 0     | 65   | 39,592           | 15        |
| Guano.....                            | 77 tons.      | 15    | 00   | 1,155            | 00        |
| Fish used as bait.....                | 8,746 bbls.   | 1     | 00   | 8,746            | 00        |
| Home consumption, as per returns..... |               |       |      | 27,940           | 00        |
| <b>Total.....</b>                     |               |       |      | <b>1,421,786</b> | <b>85</b> |

COMPARATIVE Statement of the Value of the Fisheries in each County of the Island  
of Cape Breton for the Years 1883 and 1884.

| Counties.         | 1883.        | 1884.        | Decrease. | Increase.  |
|-------------------|--------------|--------------|-----------|------------|
|                   | \$ cts.      | \$ cts.      | \$ cts.   | \$ cts.    |
| Cape Breton ..... | 233,739 40   | 291,148 35   | .....     | 57,408 95  |
| Inverness.....    | 530,323 50   | 486,782 45   | 43,541 05 |            |
| Richmond .....    | 352,943 90   | 479,265 10   | .....     | 126,321 20 |
| Victoria.....     | 159,168 40   | 164,590 95   | .....     | 5,422 55   |
| Totals.....       | 1,276,175 20 | 1,421,786 85 | 43,541 05 | 189,152 70 |
|                   |              |              |           | 44,541 05  |
| Net Increase..... | .....        | .....        | .....     | 145,611 65 |

GENERAL RECAPITULATION OF THE YIELD OF FISHERIES IN NOVA SCOTIA.

| Kinds of Products.                                       | Quantities.     | Rate.   | Value.       | Total.              |
|--|-----------------|---------|--------------|---------------------|
|  |                 | \$ cts. | \$ cts.      | \$ cts.             |
| Salmon, pickled.....                                     | 3,183 brls.     | 18 00   | 57,294 00    |                     |
| do fresh.....  | 455,177 lbs.    | 0 20    | 91,035 40    |                     |
| do smoked.....   | 18,230 lbs.     | 0 20    | 3,646 00     |                     |
| do in cans.....  | 7,652 lbs.      | 0 20    | 1,530 40     |                     |
| do home consumption.....                                 | 13,325 lbs.     | 0 15    | 1,998 75     | 155,504 55          |
| Mackerel, pickled.....                                   | 155,738 brls.   | 10 00   | 1,557,380 00 |                     |
| do home consumption.....                                 | 65,000 lbs.     | 0 05    | 3,250 00     |                     |
| do preserved.....  | 82,776 cans.    | 0 15    | 12,416 40    | 1,573,046 40        |
| Herring, pickled.....                                    | 250,383 brls.   | 4 00    | 1,001,532 00 |                     |
| do smoked.....   | 113,085 boxes.  | 0 25    | 28,271 25    |                     |
| do home consumption.....                                 | 1,015,000 lbs.  | 0 04    | 40,632 00    | 1,070,435 25        |
| Alewives, pickled.....                                   | 19,202 brls.    | 4 00    | 76,808 00    |                     |
| do home consumption.....                                 | 217,300 lbs.    | 0 04    | 8,692 00     | 85,500 00           |
| Cod.....   | 779,304 cwt.    | 4 25    | 3,312,042 00 |                     |
| do home consumption.....                                 | 408,040 lbs.    | 0 04    | 16,321 60    |                     |
| Cod Tongues and Sounds.....                              | 1,440 brls.     | 7 00    | 10,080 00    | 3,338,443 60        |
| Pollock.....   | 61,732 cwt.     | 3 50    | 216,062 00   |                     |
| do home consumption.....                                 | 14,000 lbs.     | 0 04    | 560 00       | 216,622 00          |
| Hake Sounds.....   | 34,297 lbs.     | 1 00    | 34,297 00    |                     |
| Hake and Haddock.....                                    | 191,796 cwt.    | 3 50    | 671,286 00   |                     |
| do home consumption.....                                 | 455,180 lbs.    | 0 04    | 18,207 20    | 723,790 20          |
| Halibut.....   | 1,361,590 lbs.  | 0 06    | 81,695 40    |                     |
| do home consumption.....                                 | 84,000 lbs.     | 0 04    | 3,360 00     | 85,055 40           |
| Shad.....  | 2,940 brls.     | 8 00    | 23,520 00    |                     |
| do home consumption.....                                 | 97,631 lbs.     | 0 04    | 3,905 24     | 27,425 24           |
| Bass.....  | 80,067 lbs.     | 0 06    | 4,804 02     |                     |
| Trout.....   | 114,750 lbs.    | 0 06    | 6,885 00     |                     |
| do home consumption.....                                 | 37,000 lbs.     | 0 06    | 2,220 00     | 9,105 00            |
| Smelts.....  | 265,500 lbs.    |         |              | 18,102 00           |
| do home consumption.....                                 | 36,200 lbs.     | 0 06    |              |                     |
| Squid.....   | 2,683 brls.     | 4 00    | 10,732 00    |                     |
| Eels.....  | 2,581 brls.     | 9 00    | 23,229 00    |                     |
| Oysters.....   | 1,595 brls.     | 3 00    | 4,785 00     |                     |
| Lobsters.....  | 5,146,273 cans. | 0 15    | 771,940 95   |                     |
| do sold to United States, Yarmouth and Shelburne Co..... |                 |         | 30,441 00    |                     |
| do home consumption.....                                 |                 |         | 10,256 00    | 812,637 95          |
| Fish Oil.....  | 516,845 galls.  | 0 65    | 335,949 25   |                     |
| Fish Guano.....  | 1,517 tons.     | 15 00   | 22,755 00    |                     |
| Fish used as Bait.....                                   | 51,328 brls.    | 1 00    | 51,328 00    |                     |
| Fish used as Manure.....                                 | 28,423 brls.    | 0 50    | 14,211 50    |                     |
| Haddies, fertilizer, &c., in Digby.....                  |                 |         | 31,720 00    |                     |
| Whitefish and smoked Alewives, in Yarmouth.....          |                 |         | 688 00       |                     |
| Halifax markets, and vicinity.....                       |                 |         | 52,400 00    |                     |
| Home consumption, Shelburne Co., not included.....       |                 |         | 15,250 00    |                     |
| do Queen's Co. do.....                                   |                 |         | 10,820 00    |                     |
| do Guysboro' Co.....                                     |                 |         | 41,500 00    |                     |
| do Cape Breton.....                                      |                 |         | 27,940 00    |                     |
| <b>Total.....</b>  |                 |         |              | <b>8,763,779 36</b> |

## No. 3.

## NEW BRUNSWICK.

St. JOHN, 31st December, 1884.

Hon. A. W. McLELAN,  
Minister of Marine and Fisheries, Ottawa:

SIR,—I have the honor to submit a report on the fisheries of New Brunswick for the year 1884, with synopses of the reports from local overseers. Appended to these are returns of the catch in the several districts, in each county, and in the Province. In the aggregate these returns show a considerable increase over the catch of last year.

## SALMON.

The returns show an improved catch of salmon in almost all districts except Ristigouche. In this district the decrease is very considerable, not only on the coast, but in the estuary and up the river. Nor has this falling off been confined to net fishing alone, the angling catch having been less than half that of last year. To those who have watched our salmon fisheries for the last twenty years, there is nothing surprising in this decrease. On the contrary, the signs of exhaustion have been apparent for a long time, and the results now seen are only such as the agencies that have been at work would naturally produce. In 1874, the catch in the Ristigouche district was 678,500 lbs. In 1884 it was 171,305 lbs.—a decrease of 507,195 lbs., while more men were employed, more nets were in use, and greatly improved modes of setting them. In Miramichi the catch has been better than last year, owing, no doubt, to very favourable weather for fishing; but still the same steady decrease is seen in this district. In 1874 the catch was 1,323,798 lbs. In 1884 it was 371,370—a decrease of 952,428 lbs. In Gloucester district there has been a great improvement on the poor catches of the last four years, but in this county, also, the steady decline of the fishery cannot be ignored. In the whole Province the catch of 1874 was 3,214,182 lbs. In 1884 it was 1,110,745 lbs.—showing a decrease in ten years of 2,103,437 lbs,—nearly two-thirds—while the number of men and nets employed in the fishery has nearly doubled. The causes that have led to this serious decline, and which now threaten the extinction of the salmon fishery as a profitable industry in New Brunswick, are not far to seek. They are: Excessive fishing in the open season, and the destruction of spawning fish in the close season. On the Miramichi the state of things described by Overseers Bamford and Freeze (see synopses) is not exaggerated. I have for years called attention to these abuses, and urged more vigorous measures for their suppression. The means at present employed for the protection of salmon on the upper waters of our rivers, and on their spawning beds, are wholly inadequate. The officers are too few for the work, and the pay insufficient to secure good and faithful men. Until these causes of depression are removed, it will be vain to look for any permanent improvement in the fishery.

## BASS.

There has been no falling off in the yield of this fishery; the catch is about the same as last year. But this result has been caused more by the greater attention given to this fishery than by any increase in the stock. The number of small fish,

of which the bulk of the catch consists, shows that the fishery is not likely to improve; while the large number of very small bass caught in smelt nets cannot fail to have a bad effect upon the yield of future years. In Northumberland and Kent the utmost efforts of the officers are ineffectual to prevent the export of illegal fish. So long as an outlet can be found for undersized fish and fish caught out of season, poachers will catch, and dealers will buy and ship, despite the utmost vigilance of the fishery officers. In special reports I have pointed out a simple and effectual remedy for this, and I would again respectfully urge its adoption, even if further legislation is necessary to secure it. I cannot recommend any relaxation in the regulations now in force. If the present excessive fishing could be curtailed, the best results would follow.

#### SHAD.

The returns show a slight improvement in this fishery, as compared with last year, but there is no doubt that it is steadily decreasing in this Province. There has been some discussion in the press of Nova Scotia as to the birth place of the shad which are caught in the Bay of Fundy. Some of the disputants contend that the shad does not spawn in any of the Nova Scotia rivers; that they come from the southern rivers, along the American coast, and that greater numbers of these may be annually expected in our waters, in consequence of the vast increase caused by artificial hatching now largely pursued by the United States Commissioners of Fisheries. As to the first part of this contention, I may say that, as a matter of fact, shad do spawn in at least two Nova Scotia rivers—the Shubenacadie and the Stewiacke. As to the second part, if true, it is somewhat strange that, while shad are increasing vastly in these southern rivers and still more vastly in some of the northern rivers, they are decreasing in the Bay of Fundy. In 1882 they were very plentiful in American waters, while the catch in the Bay of Fundy waters was very small, both in Nova Scotia and New Brunswick; the whole catch in the former Province having been only 3,442 barrels, being little over one-third of what the annual catches were before they received any assistance from artificial culture. *These are the facts;* but some theorists care little for these when riding their hobbies.

#### ALEWIVES.

A very considerable increase in the catch of this fish is shown by the returns. Favourable weather everywhere during the fishing season will explain this improvement. In St. John harbour and river the weather and the freshets were exceptionally favorable for this fishery, and the catch largely exceeds that of last year. The numbers left to spawn must necessarily have been small, and future years cannot fail to show the effects of this year's over-fishing. As stated in former reports, I see no reasonable prospect of this fishery permanently improving, unless more protection is given to parent fish. The whole annual catch consists of gravid fish seeking their spawning places, and enough of these to keep up the stock do not reach them under the present mode of fishing.

#### SMELT.

The extent to which this fishery has increased is something wonderful. The fish abound in all the northern rivers, and every year adds to the number of nets and fishermen. The yield steadily increases because new localities are opened up and additional fishermen add their catch to the general supply. The returns show an increase of 2,000,000 lbs. over those of last year. A few years only have elapsed since the export of this fish was commenced. The catch has gradually increased, until the returns now show 5,801,560 lbs., valued at \$348,093. New markets are being found and the gluts that formerly kept prices so low that no profit was made are now avoided. The business is better conducted, the fish better handled, better culled and better packed, with more satisfactory results to all concerned. Evidence

is not wanting to show that the enormous annual drain on the supply is being felt. Large fish are becoming scarcer and the average size becoming less. While the aggregate catch increases in consequence of more men and more nets being employed, individual catches are growing less, and more labour is required to secure them. The usual results of over-fishing will, no doubt, soon become more evident. Were fishing restricted from 1st December to 15th February, much loss from soft weather would be avoided, and both fishermen and shippers would find it to their advantage—the former in enhanced prices, the latter in better profits.

#### PICKEREL AND PERCH.

The demand for these fish has been good this year, and much larger catches of each have been made. The catch of pickerel last year was only 34,000 lbs.; this year it has reached 130,570 lbs. Perch have increased from 10,450 to 12,000 lbs. The home demand for each has somewhat increased, but the bulk of the catch has been sent to American markets. While both these fish are plentiful in many of our rivers, fishing for export is confined entirely to the St. John River and its tributaries.

#### TROUT.

All our rivers, lakes and streams abound in trout, but few are caught for market, and still fewer exported. Their capture, being confined to hook and line, is followed more for sport than profit. The abundance of this fish in our waters attracts sportsmen from all quarters, and the money spent in their pursuit far exceeds their value as food. While some illegal fishing is, no doubt, done, the close season is fairly well observed, and it is an encouraging sign to see sportsmen advocating a large extension of close time, so as to put a stop to winter fishing, when fish are in poor condition. If their wishes were granted, and the close season made to extend from 1st October to 1st May, no doubt the fish would rapidly increase in those waters where over-fishing has shown its usual results.

#### STURGEON.

The great decrease in the catch of this fish which I have had to report for several years past has, this year, been still more marked. The catch is not more than half that of last year, which showed an equal decrease, as compared with the year preceding. Those engaged in the business have hitherto attributed this falling off to high freshets and unfavourable weather; but the experience of this year points to a different solution of the trouble. The opinion expressed in my last report would seem to be borne out by the result of this season's fishing. I never believed the stock in the river would stand the excessive fishing which followed the commencement of the business, still there were some peculiarities in this season's experience, which are not easily explained, in my present knowledge of the habits of this fish. The principal of these is the fact that very few small fish were taken; most of the season's catch consisted of large fish, and it would seem as if the smaller fish were not in the river. Why they did not come as formerly I am at a loss to explain, and I have little faith in theories unsupported by facts. The most marked feature in a failing fishery is the scarcity of large fish and the preponderance of small ones. But this rule seems to have been reversed this year, and though the numbers taken have diminished, the size has increased. I am informed that a movement is on foot to obtain the removal of the tax on nets, on the ground that fishing is so poor. From my point of view, this is the strongest reason for continuing it; for no hope of improvement can reasonably be entertained until the excessive fishing that has hitherto been pursued is much reduced. But as past experience has shown that this fishery cannot be commenced earlier than the second week in June, in consequence of spring freshets, which do not subside much earlier than that date, the fishing season might be extended to the 15th September, without injury, as it is now pretty certain that this fish spawns all through the summer months.

## HERRING.

The returns show a considerable increase over those of last year, both in salted and smoked; but a decrease in sardines and frozen herring. The demand for small herring was not so brisk among the sardine factories, and prices declined. In Grand Manan large catches of fine fish are now being made, and the prospect for a good winter's fishing is cheering. The recent Orders in Council for the protection of spawning grounds and for the prevention of "torching" or "driving" herring, will have a most beneficial effect upon the future of this valuable fishery.

## MACKEREL.

There is an increase in the catch of salted mackerel, but the quantity canned is far short of last year's returns. It is hard to understand how our fishermen can see American vessels successfully pursuing this fishery, "with all modern improvements" under their very noses, and not desire to share their profits. But, strange as it may appear, our fishermen have neither suitable vessels to follow the schools of fish, nor suitable seines to capture them. Not a season passes but these fish are more or less plentiful on our northern coasts, and particularly in Bay Chaleur, where they are seldom absent during the summer. But our fishermen and fish dealers content themselves with the old and inconvenient shore boat, and with the primitive "mackerel jig," and when the fish will not take bait, they put in the time grumbling at the "Yankeys," who are "destroying the fishing" by means of improved nets and a liberal use of enticing bait, instead of profiting by their example and using the same means. On the coast of Gloucester two traps were under license this season, and did very well, but success in this mode of taking mackerel is very uncertain, depending entirely upon the erratic movement of the schools, which only by chance come near enough to shore to enable the traps to capture them.

## COD.

There is a considerable decrease in the catch of this fish, caused entirely by the want of enterprise in its pursuit. In Charlotte County the demand for sardine herring has given employment to those who formerly made codfishing their principal business, and in the northern counties the "lobster craze" has almost entirely drawn the cod-fisherman from his old employment. While these inshore fisheries furnish remunerative industry to fishermen, nearer to their homes, no extension of deep sea fishing can be expected.

## HALIBUT.

The returns show a large increase in the catch of this fish, which has been very plentiful in our waters this year. But little of this fish is salted; the great bulk of the catch finds ready sale fresh in home and American markets. When successful this fishery is very remunerative to those who engage in it. After being caught the halibut requires no labor, and is always sure of a ready sale; but the fishery is precarious, and success does not always reward the most persevering industry.

## HADDOCK.

The catch of this fish falls below that of last year. This is not to be attributed to any scarcity or failure in the supply; but entirely to the limited number of men employed in its capture. Herring fishing in the southern counties and lobster fishing in the northern counties have led to the neglect of this fishery, which takes men from their homes and demands more labor and exposure.

## POLLOCK AND HAKE.

In pollock there has been an increase, but in hake a decrease, as compared with last year's catch. Formerly these fisheries were the principal employment of the

whole fishing population of Charlotte County; but they have, of late years, been almost deserted for the easier and more exciting business of weir fishing for sardine herrings.

#### LOBSTERS.

While the stock of lobsters on our shores has been steadily decreasing for years, the number of factories has been increasing. Consequently, we have seen, this year, the strange and almost incredible anomaly of a failing supply furnishing an increased yield. The returns show 5,662,072 cans of preserved and 1,709 tons of fresh lobsters, being an increase of 1,619,118 cans, and 784 tons over the catch of last year. Not only is the supply growing less, but the average size of the lobster is diminishing, and has now fallen below the standard of nine inches in length. Of this size it takes five fish to fill a pound can. To furnish the above quantity of canned goods, 18,310,350 lobsters have been killed this year. If to this we add the number disposed of fresh—1,709 tons—at the rate of 2 lbs. per fish, which is a very large average, we shall have, as the year's destruction, 20,019,350 lobsters. No one knows better than the canners themselves the inevitable result of this annual drain on the supply. But, careless of this, they are seeking to have the present insufficient restrictions removed, in order that they may still further increase the production of canned goods, in the hope of making a larger supply compensate for low prices. As long as the supply "will last their time," they are perfectly careless of the future, and regard the extinction of the industry as a matter of no importance to them, after they are done with it. Even those few canners who are fully alive to the consequences of these abuses, and are sincerely desirous of seeing them abated, are forced, in self-defence, to follow the general example. After building and furnishing expensive factories, and in many cases buying out other factories, for the sake of the fishing limits attached to them, they find themselves without any protection, and are liable, at any moment, to see a new factory started beside them, and their already restricted fishing grounds encroached on by some adventurer having nothing to lose. I can only urge the great necessity of immediately placing it under the law and subjecting it to the control of the Department. Overseer Deacon's report has some sensible remarks on this phase of the business, which are worthy of consideration. I have so often expressed my convictions with regard to this fishery, that to repeat them seems unnecessary.

#### OYSTERS.

While the supply of oysters now obtainable from our exhausted beds is diminishing, the demand for this luxury is increasing. But even higher prices have failed to produce any important increase in the quantity raked. But these stimulated efforts to meet the demand only reduces the prospect of any improvement. The Shediac, Richibucto and Buctouche beds, from which the largest supplies were formerly obtained, now scarce repay the labour of raking. With increased labour, the Caraquet beds have yielded less than last year. The Miramichi beds, which are not yet exhausted, are rapidly becoming so, in consequence of steady and indiscriminate raking during the whole open season, which comprises nine months of the year. If any inducement could be held out to private enterprise, and the system of oyster culture, which has long prevailed in the neighbouring States, could be introduced in this Province, I have no doubt that the capital and labour employed would reap a rich reward.

### SYNOPSIS OF OVERSEERS' REPORTS.

#### RISTIGOUCHE COUNTY.

*Overseer Verge*, of the Upper Division, reports a decrease in the catch of salmon. He says: "On the New Brunswick side of the river the catch was only 45,731



lbs., against 78,660 lbs. last year—a decrease of 32,929 lbs. The Quebec side gave 36,856 lbs., against 63,543 lbs. last year—a decrease of 26,687 lbs. Mr. Verge accounts for this falling off by the presence of porpoises in the estuary, and by a heavy freshet during the fishing season. Unfortunately for this theory, the catch on the coast, below the estuary, shows a decrease from last year, which cannot be attributed to porpoises in the estuary; while the freshet, which would enable fish to pass the nets, would also make them plentiful in the river above, which was not the case, since the angling catch was less than half that of last year. The facts all point to the conclusion that there was a decrease in the number of fish from headwaters to Belledune, the county line of Gloucester.

*Overseer McPherson*, of the Coast Division, reports a decrease in the catch of salmon. He reports a new lobster factory, additional fishermen, and, of course, an increased catch, exceeding that of last year by 80,621 lbs. In his district mackerel were scarce and fishing very poor. Spring herring plentiful; but low prices kept the catch within the limits of home consumption and the supply of lobster bait; none were put up for shipment.

#### GLOUCESTER COUNTY.

*Overseer Hickson* says:—"Taking the season all through, it has been a fair one, and would have been better than an average year, had it not been for the almost continuous stormy weather. The salmon fishery on the coast has been fair. At Salmon Beach the catch has been larger than for some years; but the Madisco and Petit Rocher fishermen did very little. It is useless to theorize as to the cause of this; the plain and simple fact is, that the fish were not on the coast, and the reason is not far to seek. Fly fishing in Nepissiquit was good, and, as usual, there were almost as many anglers as fish." *Overseer Hickson* is of opinion that something should be done to give this river a rest. It is the source and nursery of the important salmon fishery on the coast, and he considers it wonderful that it stands the unceasing drain on its stock. He says: "A movement is on foot to get a portion of the river, or even a few of its pools, set apart for breeding purposes. There is no doubt that this would make a great improvement, both in the shore fishing and angling." The returns show a good catch of mackerel, made mostly by the traps under license, as the hook and line fishing was poor. The catch of herring was only fair. The lobster catch was large, and prices better for good brands. Cod fishing is one of the established industries of this county, but it is not pursued to that extent that profits would justify. It is likely that the Shippegan Railway, now under construction, will give a great impetus to this industry, as it will give fishermen at the lower end of the county a ready means to put their produce into new and better markets than they now have access to.

*Overseer Hoché*, of Caraquet, reports about the usual catch of cod, herring, lobsters and oysters, though stormy weather interfered much with all these fisheries. Winter smelt fishing has been commenced in this district and, so far, has been a source of profitable employment, when such is much needed.

*Overseer Cormier*, of the herring banks, reports about an average catch of herring and cod. The regulations were well observed by vessels on the banks and good order has prevailed among the crews. He has, therefore, no breach of the law nor any fines to report.

*Overseer Haché*, of Shippegan, reports no marked improvement in the salmon fishery of his district, but he thinks the quality of the fish better than usual. Mackerel fishing was very poor in Shippegan, which he attributed to the seining practised by American and Nova Scotia vessels. The scarcity of this fish, which is largely used as bait, had a bad effect on the cod fishing in his district, the catch of which was below the average. Spring herring was abundant, and a larger quantity than usual was salted. Fall herring were scarce, which is attributed to the fishing schooners, with their large seines, breaking up the schools and preventing them from reaching their accustomed haunts inshore. Lobster fishing was vigorously pursued and the

catch greatly exceeded that of last year. Smelt fishing has become an important industry in Shippegan; but its great difficulty lies in the distance from markets. Smelts have to be hauled fifty miles to Bathurst, or seventy-five miles to Chatham, before they can be disposed of or shipped for export. The railroad will be a great benefit to this place.

*Overseer Sewell*, of Pokemouche, reports a decreased catch of salmon, and attributes the falling off to a succession of gales, which disturbed and injured the nets. The catch of mackerel was about the same as last year. With any spirit or enterprise in this district a most valuable business might be done. Mackerel are almost always plentiful during the summer, but the residents have neither suitable vessels nor nets for their capture. Herring were very numerous; but for want of salt to cure them, not many were caught. There is a large increase in alewives and cod, but a decline in hake. Bass and smelt gave largely increased catches, but trout falls short. Lobsters are largely in excess of last year, the quantity canned reaching 510,000 lbs. The total value of the catch in this district was \$38,787, being \$6,007 more than last year.

*Overseer Mauzerolles*, of Tracadie, reports a good catch of cod, mackerel, alewives and smelt, but a poor catch of salmon. The quantity of lobsters canned largely exceeds that of last year.

#### NORTHUMBERLAND COUNTY.

*Overseer Noble*, of Escuminac district, reports a much better run of salmon than appeared in the river last year, and a favourable season enabled a much larger catch to be made. The catch of lobsters was also large, and preparations are being made to start new factories next season. Already are disputes arising about fishing grounds, and he urges the necessity of some regulations to control the fishing. Spring herring were plentiful, but the catch was almost entirely used for lobster bait.

*Overseer Williston*, of Bay du Vin district, reports all kinds of fish plentiful. The catch of salmon was exceptionally good, and the catch of alewives more numerous than for many years. Smelt and frost-fish were as plentiful as usual, and large catches of both were made. The scarcity of oysters in other places has caused large numbers of people from other places to resort to the beds of Bay du Vin, where the same excessive and indiscriminate raking that has almost exterminated other beds now threatens the destruction of these. Overseers Noble and Williston urge that some regulations be made to protect the oysters in Bay du Vin.

*Overseer Stymast*, of Tabusintac district, reports an improvement in the catch of salmon as compared with last year. The catch of bass, alewives and smelt was good, but lobsters and cod were scarce.

*Overseer Robichaud*, of Neguac and Portage Island district, reports a good catch of salmon, which is the most important fishery in his district. Herring and mackerel are usually plentiful in the mouth of the river, and when pursued with any vigor, yield good returns. The catch was not large this year. Bass were not so plentiful as usual. In the early part of the season there was a good catch of lobsters, but as the summer advanced they became scarcer. The winter smelt fishery was largely pursued and gave good returns.

*Grand Downs and Lower Newcastle Districts*.—The death of Overseer Russell in the early part of the summer, left this district without an officer, and pending the appointment of his successor I placed it under the charge of Overseer Wyse, whose district it adjoins. He reports that he found Bartibog River in so bad a state that vigorous and severe measures were necessary to prevent illegal fishing. He had to employ a small steamboat to clear the channel of illegal nets, and hire special guardians to prevent others being set. After the appointment of wardens, several seizures were made, and a better state of things followed. The catch of salmon in the district was better than usual.

*Overseer Wyse*, of Napan and Chatham districts, reports an improved catch of salmon. Constant vigilance is still necessary to prevent illegal fishing for bass with

seines and bag nets, and a night watch employed for this purpose was found effective. Gaspereaux have become more plentiful since seines were abolished, but low prices did not encourage a vigorous prosecution of this fishery. The smelt business was, as usual, overdone, and glutted markets, with low prices, was the result. Overseer Wyse thinks that a shorter fishing season would remedy this state of things.

*Overseer Hogan*, of Newcastle and North Esk district, reports a much improved catch of salmon. Bass were fairly numerous, but the average size is growing smaller. The difficulty of preventing the catching and shipping of illegal fish increases. Dealers, whose true interests should lead them to assist the officers in enforcing the law, encourage poaching by buying the fish illegally caught. Overseer Hogan recommends that no nets be allowed above the flow of the tide, and that during the close season for salmon and bass the railway officials be instructed to receive no fish unless accompanied by the certificate of a fishery officer. I have made these recommendations the subjects of special reports.

*Overseer Parker*, of Derby, and *Overseer Holt*, of Blackville, have neglected to send me any report from their districts. My repeated requests have received no attention, not even the courtesy of a reply. I have been obliged to get returns of catch from other sources, which show that an improved catch of salmon has been made in both districts.

*Overseer Bamford*, of Blissfield, reports better catches of salmon and gaspereau. He says: "The principal abuses that exist in my district are spearing, drifting and setting nets across the stream. I would recommend that overseers be given smaller districts to protect, or have their pay increased to such an extent as will enable them to devote their whole time to the work." With such abuses as he describes—sufficient to exterminate every salmon that reaches his district—it must be admitted that the full time of many officers is needed to remove them, and that the present means of protecting the fish are wholly inadequate.

*Overseer Freeze*, of Doaktown, reports that in his district the catch has been as usual, without any improvement. This is the natural consequence of what Overseer Bamford describes, and nothing else could be expected. Mr. Freeze says: "During the low water of June and July, while there was a good run of salmon in the tidal waters, very few lived to reach my district. But, after a freshet in the latter part of July, there was a good run. It is the same old story—during low water—'no salmon;' after a freshet, sufficient to drown the nets below, 'plenty of fish.' As to the abuses existing in my district (the same as described by Overseer Bamford), I have so often reported them, and the difficulties of enforcing the Fisheries Act, that I need not here repeat them." Mr. Freeze has some original ideas about salmon protection, and though I do not agree with his commercial views, he would probably feel aggrieved if I were to suppress them. He says: "I am of opinion that the exportation of salmon to the United States should be prohibited. If they were held for Canadian markets alone they would not be so valuable, and excessive fishing would not be the rule, as it is now; consequently there would be more fish for those who would then be engaged in the business. The Canadian markets would then be better supplied at reasonable rates, and aside from the commercial value of the fish, very great benefits would accrue in the value of fishing privileges for sportsmen. I am aware that there is an outcry and numerous complaints coming from those engaged in fishing down river, about the destruction of salmon on their spawning grounds; but I fail to see the difference between killing them on their way to the spawning grounds and killing them when they arrive there, provided it is not in spawning season. As matters now stand, all the fish that escape the nets in tidal waters are few indeed, compared with those that are taken at the mouth of the river and exported to the United States. In order that the ideas I have advanced may be better understood, I would refer you back twenty-five years. At that time salmon were not exported in such quantities as now; their value was not half what it is now; they were a common article of food in every house on this river. They were not much sought after, but being very plentiful, were caught with little labour or expense, and those engaged in it did as well as they now do at more than double the price."

At the present time the high price of salmon is an incentive to poaching that did not formerly exist, and there are nearly as many nets as there are salmon to be caught, and five times the protection is needed to stop poaching."

*Overseer Cameron*, of Boiestown and Stanley, reports nothing more cheering. He says: "Salmon are getting scarcer every year, which I attribute to excessive fishing in the lower districts, and unless something is done to limit the net fishing below, salmon here will soon be a thing of the past, for the number of parent fish that reach the spawning ground above are yearly growing fewer. If net fishing were reduced in the tide-way and abolished entirely above tide-head, we would soon have fifty fish where we now have one." There is no doubt that *Overseer Cameron's* plan would soon make salmon as plentiful in his district as they were in the good old times described by *Mr. Freeze*.

## KENT COUNTY.

*Overseer Guimon*, of St. Louis division, reports no improvement in the salmon catch. Herring fishing was good and a better catch than that of last year was made. Alewives were more plentiful, and the catch largely exceeds that of last year. Cod and hake show a decreased catch. Shad rather better, but bass not so good. Smelt fishing continues to increase, and gave good returns. Lobsters appeared to be as plentiful as ever, but the season was late and the quantity canned rather less than last year.

*Overseer Hannah*, of Richibucto district, reports a slight improvement in the salmon catch. Mackerel were plentiful, and some good hauls were made; but this fishery is not pursued with any vigor by our people, though American vessels are constantly fishing within sight of shore and making good fares. Lobsters were still in good numbers, but the size was smaller than usual. The quantity canned was very large, and exceeded that of last year. The catch of smelts was very large and fishermen got good prices. *Warden Harnett*, of the Upper River, reports bass scarce, but alewives very plentiful. The smelt fishing was good and the quantity caught large.

*Overseer Girouard*, of Buctouche district, reports a small catch of cod, mackerel and herring. Gaspereau were more plentiful than usual; but fishermen were not prepared to take advantage of the change. Lobsters were about as usual in numbers and size, and the catch an average one. Smelt fishing was more largely pursued, and the quantity caught very much exceeded that of last year. But few oysters were raked; the beds in the river and bay are now so exhausted that the quantity raised does not pay for the time and labour expended.

*Overseer Cormier*, of the lower districts, reports a good catch of spring herring and mackerel, and a large increase in the quantity of canned lobsters. Rather more oysters have been raised, as the high prices obtained have led to greater efforts on the beds. Smelt fishing was good, and fair prices were obtained for the large quantity caught. Alewives, bass and eels gave an increased catch.

## WESTMORELAND COUNTY.

*Overseer Deacon*, of Shediac and Cape Tormentine district, reports as follows: "The catch of fish in this district has been good for all kinds. Mackerel were plentiful and of good quality; a much larger quantity than usual was caught. Herring were late in coming, but the quality was good and the catch large. A fair catch of bass was made with hook and line, and some were caught with nets. The catch of smelts exceeded that of any previous year; but the markets were over-stocked and prices low; consequently, dealers generally, made no money. Mild and soft weather caused the loss of large quantities. Were fishing deferred until 1st December, much of this waste would be avoided. There were sixteen lobster factories operating in the district, being four more than last year. The whole catch this year ran very small, scarce up to the standard of 9 inches. The season was very backward, few of the factories getting to work before the middle of June. It is most important that this fishery be put under the action of the Fisheries Act. While there are no means

of defining limits, it is impossible to place any restriction on the selfishness and cupidity of those canners and fishermen who seek their own profit without regard to the rights of others. As matters now stand, I find it impossible to prevent the canning of illegal fish. Even those packers who have a sincere desire to observe the law, say they do not know how soon some one will start a factory on grounds hitherto considered theirs. They have gone to large expense in building and furnishing their factories, and have, in many cases, bought out other factories, for the sake of the grounds attached to them, and they ask to be protected in their rights. Until this reasonable protection is given to canners, they will have no interest in the protection of the fish, and no motive to respect the law when they can evade it. Although the oyster beds in Westmoreland are now nearly exhausted, and but little raked in the legal season, the high price paid for them in the close season induces numbers of people to evade the law in every possible way; and I have reason to believe that most of the raking is now done when, by law, it is illegal. Much of my time and labor are given to the detection of this, but I find I am unable to prevent it entirely.

*Overseer Goodwin*, of Bay Verte and Sackville district, reports a stormy season, with prevailing boisterous weather, which impeded the operations of fishermen. Herring were so plentiful that, even under these unfavorable conditions, a better catch than usual was made. Mackerel were plentiful and of good quality, but only a small catch was made, owing to want of energy and enterprise on the part of our people. The catch of alewives was about the same as last year. A new lobster factory has been started in this district, on the Nova Scotia shore, and promises to be successful. Preparations are being made for more extensive operations next season. Shad fishing at Sackville was somewhat better than last year; but over-fishing prevents any marked improvement. Smelt and bass fishing was commenced last winter in the Tidnish River, with good results. As this fishing was mostly done in the Nova Scotia part of the river, returns and details have been sent to the inspector for that Province.

*Overseer Cormier*, of Dorchester Bay district, reports herring more plentiful, but shad scarcer than last year. He attributes the falling off in shad to over-fishing. At the beginning of the season, the number of boats and the great length of nets employed in drifting, keep the fish off the feeding grounds. He urges that a regulation be made, prohibiting fishing until the 24th June, and restricting each boat to 200 fathoms of net, so that the main run of fish may reach their feeding places. This regulation will reduce the present excessive fishing and meet the wishes of the great majority of shad fishermen in this district.

#### ALBERT COUNTY.

*Overseer Stewart* reports no observable change in his district. About an average catch of all kinds of fish was made, which was used entirely for home consumption. The fishing done in this county is not extensive, but it is of great importance to the resident population who depend on it for their domestic supply.

#### VICTORIA COUNTY.

*Overseer Ryan* reports a fair run of salmon in the Tobique. As usual, the great trouble to be met on this river is the spear of both Indians and settlers. The special guardian employed by Mr. Ryan did much to lessen the evil, but to prevent entirely, more assistance is needed, and guardians should be on the river not later than 1st July.

#### CARLETON COUNTY.

*Overseer Lindsay*, of the upper district, reports a better run of salmon, and after the close season these were well protected. He reports but one attempt at illegal fishing, and this was frustrated. During the open season 50 salmon were taken by the rod and not less than 1200 lbs of trout.

*Overseer Burtt*, of the lower district, reports a poor run of salmon, of which very few were caught. But few nets are now used in this part of the river, and those that are set do not pay for the labor of attending them. The lumber interest and the numerous mills in this county have almost drawn attention from fishing.

*Warden Scott*, at Eel River, reports a better run of salmon and more fish caught than in any season for the last three years.

#### YORK COUNTY.

*Overseer Orr*, reports a poor catch of salmon, but a great improvement in bass and whitefish. For the latter there is no close time yet fixed, and large numbers of gravid fish are taken. Mr. Orr urges that their capture, after 30th September, be prohibited, in order to protect the spawning fish. He reports much illegal fishing on the South-West Miramichi, both below and above the portion comprised in his district. He again urges the employment of special guardians to camp on the river and give their whole attention to its protection. He also recommends that the close season for angling should be made to commence at the end of the legal netting season, 15th August. Under the pretence of angling, much illegal fishing is done by poachers, after that date, when sportsmen have left the river.

#### SUNBURY COUNTY.

*Overseer Hoben* reports a poor catch of salmon and alewives, but a largely increased catch of shad and bass. The fish for which, a few years ago, there was no demand and no inducement to catch—pickerel, pike and eels—have come to be of considerable importance. They are especially plentiful in that part of the St. John which runs through Sunbury and Queen's counties, and the business of catching them for export has grown into considerable importance. Not less than 60,000 lbs. of pickerel, 5,000 lbs. of perch and 11,000 lbs. of eels have been sent from these counties this season. No sturgeons reached Sunbury County this season; they were all caught in the lower part of the river.

#### QUEEN'S COUNTY.

*Overseer Hetherington* reports a better run of salmon than last year. Shad and alewives were also more numerous. Pickerel, perch and eels were caught in large quantities, for export to American markets, where they find a ready sale at paying prices. Mr. Hetherington again urges that drifting nets for shad and alewives in the narrow approaches to Washademoak and Grand lakes should be strictly prohibited, as they prevent the fish from getting to their spawning places.

*Warden Phillips*, of Canaan River, reports a good run of shad, and later in the season, after the nets were up, a nice run of late salmon. If these fish which, for the last two years, have got safely into Canaan River, were allowed to reach their spawning beds, and could there be protected from the poacher, good hopes might be entertained of seeing this nice river re-stocked. But where all the settlers consider it a part of their religion to kill a salmon whenever and wherever seen, these hopes, under the circumstances, will be disappointed.

#### KING'S COUNTY.

*Overseer Belyea*, of Westfield and Belleisle district, reports a better catch of salmon than last year. Bass, shad and gaspereau were about the same as last year, the catch, perhaps, somewhat better. Sturgeons were very scarce, and the summer's fishing the worst yet known. Mr. Belyea is now forced to the opinion that over-fishing has caused the falling off. The last five years' experience having shown that this fishery cannot be commenced earlier than the second week in June, he thinks that fishing might be allowed until 15th September.

*Overseer Gosline*, of Kenebecasis River and tributaries, reports a much improved run of shad and more salmon than usual. The water was favorable for their ascent, as the unusually wet summer kept the river full. Some sturgeons were caught in the lower reaches of the river, and pickerel and perch are becoming plentiful, though not much used by our people. Their catch for export, now that this business is extending, would afford profitable employment, if followed with any energy.

## ST. JOHN COUNTY.

*Overseer O'Brien*, of the Harbour and Lepreau district, reports as follows: "There was a decided improvement in the catch of salmon as compared with that of last year. The catch of alewives was better, owing, no doubt, to favorable conditions for this fishing. Shad also, were more plentiful apparently, for the catch was considerably better. Our fishermen were much disappointed at the small catch of herring during the winter. For two previous winters fish were very plentiful, and good profits were realized from the large catches made; but from some unknown cause the schools did not come in as formerly. The catch during the summer, however, was almost without precedent—in many instances nets being literally carried away by the numbers of fish striking them. The demand, however, was limited and prices very low. There was a large increase in the catch of lobsters this season, in consequence of the ready sale made to American luggers; the prices obtained gave a great stimulus to this fishery, which heretofore has only supplied the small local demand. In enforcing the close time I have found great difficulty. A number of offenders were prosecuted and fines imposed; but appeals were made on the question of jurisdiction. If convicted under the Fisheries Act its application to the harbour of St. John was denied. If under the corporation by-laws, it was contended that the corporation has no jurisdiction in matters affecting the fisheries. These appeals are not yet decided.

*Overseer Skillen*, of St. Martin's district, reports as follows: "I have little of importance to report. The catch of herring is below the average; other kinds of fish about the same as last year. The low price of herring during the summer offered no inducement for fishermen to pursue them in this district. Pollack were plentiful, but were not fished for with much vigor—low prices the cause. I fixed the limits of spawning ground under Order in Council of 29th May, between Split Rock and Roger's Head, and had very little difficulty in protecting these limits. What the difficulty may be when the usual fleet of vessels visit these waters in spawning time, remains to be seen. The fish-way in Salmon River dam has been kept in good order and open for the passage of fish. But one complaint has been made with reference to mill-refuse, and the prosecution is now pending.

## CHARLOTTE COUNTY.

*Overseer Todd*, of St. Croix district, reports that the catch of fish was larger than that of last year, but the price of small herring was low. The protection of salmon in the St. Croix River, and especially on their spawning beds, to which *Overseer Todd* has devoted much time and labour, is now showing good results. He says: "Salmon were numerous, and for the first time in many years several have been taken with rod and line." If due protection is afforded at the head of tide, and the spawning beds saved from poachers, there is now every reason to believe that the river may be re-stocked. The fish-ways are in good order and effective. A new one has been built in Broads' dam, on Denis stream, and I found it necessary, during the run of alewives to place a guardian at this point, to look after poachers, who were trying to prevent the passage of fish.

*Overseer Cunningham*, of St. Andrew's Bay, reports that herring did not come into the bay last winter in any considerable numbers, and the fleet of vessels which usually fish here was obliged to seek fares in other waters. Small herring did not come until late in July; but the demand was dull, owing to depression in the sardine

business at Eastport. Herring for sardines were plentiful in August and September, but low prices for all kinds of fish prevailed. Lobsters were about as usual. Although the factory has been closed, the demand was good and large shipments were made to Boston and other American markets. Overseer Cunningham strongly urges that no seine fishing be allowed in St. Andrew's Bay, as the practice leads to great waste.

*Overseer Best*, of Beaver Harbour, reports a decrease in the catch of cod, had-dock, and hake, but a large increase in herrings. The small demand for sardines led to the smoking of a larger quantity than usual in this district. Lobsters were fairly plentiful, and the demand for American markets better than usual.

*Overseer Lord*, of La Tête and Deer Island, reports as follows: "The year now drawing to a close leaves the fishing industry in this district in anything but a satisfactory condition. The catch of line fish has not been more than half the quantity landed in 1883, with the single exception of pollack, in which there has been a slight increase. To make matters worse, prices for all kinds of fish have been very low. Of sardines, on which a great many of our people have come to depend, the catch has fallen off greatly, with prices lower than when the business was in its infancy. This depression in the sardine business, and the low price of smoked herring, has been extremely hard on weir owners, some of whom have not made enough to pay for repairing their weirs. Nearly as many herring have been smoked this season, but for these, prices have ruled low. The quantity of frozen herring packed was much short of last year's catch; the fish did not, as usual, come to our shores, and nearly the whole catch was made in Grand Manan. The quantity of oil produced is far below the average, as would naturally be the case with a small catch of fish. Taken altogether, this has been the hardest year for our fishermen that has been experienced for a long time, and the prospect at present is not very bright."

*Overseer Brown*, of Campo Bello, reports a similar decrease in the catch of all kinds of line fish. But the herring fishery has been better, and had prices ruled higher, the season's yield would have reached a fair average.

*Overseer McLaughlin*, of Grand Manan, reports as follows: "In closing the returns of catch so much earlier than usual, the yield of nearly two months of the best fishing will not appear, and the catch of line fish, as compared with last year, will show a decrease more apparent than real. But the catch of herring in these waters is marvellous, having more than doubled since weirs have been under license. More than 1,000,000 boxes of smoked herring have been shipped from the island this season. The shipment of frozen herring has also been immense, and though prices have been low, the results of the year's work have not been unsatisfactory. There are no abuses in my district to report, nor any breach of the law. The several close seasons have been well observed, and fishermen display an orderly and law-abiding spirit."

I have the honor to be, Sir,

Your obedient servant,

W. H. VENNING,

*Inspector of Fisheries, N. B.*



RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, Quantity and Value of Fishing Material, Kinds and Quantities of Fish, &c., in the Province of New Brunswick, for the Year 1884.

| DISTRICT.                         | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |      |        | FISHING MATERIAL. |        |             |        | KINDS OF FISH. |        |                             |                       |                    |                    |                   |                            |       |
|-----------------------------------|--|----------|--------|--------|------|--------|-------------------|--------|-------------|--------|----------------|--------|-----------------------------|-----------------------|--------------------|--------------------|-------------------|----------------------------|-------|
|                                   | Vessels.                               |          |        | Boats. |      |        | Nets.             |        | Smelt Nets. |        | Lobster Traps. |        | Salmon, fresh, in ice, lbs. | Salmon, in cans, lbs. | Mackerel, barrels. | Mackerel, in cans. | Herring, barrels. | Herring, smoked, in boxes. |       |
|                                   | No.                                    | Tonnage. | Value. | Men.   | No.  | Value. | Men.              | Value. | No.         | Value. | No.            | Value. |                             |                       |                    |                    |                   |                            |       |
| <i>Restigouche.</i>               |  |          |        |        |      |        |                   |        |             |        |                |        |                             |                       |                    |                    |                   |                            |       |
| From Tide Head to Dalhousie.....  | 1                                      | 14       | 200    | 3      | 86   | 1032   | 188               | 11239  | 8860        | 1      | 35             | 2800   | 1400                        | 45731                 | 6158               |                    |                   |                            |       |
| From Dalhousie to Bellefleur..... | 1                                      | 14       | 200    | 3      | 121  | 1382   | 223               | 20098  | 14085       | 1      | 35             | 2800   | 1400                        | 165147                | 6158               |                    |                   |                            |       |
| Totals.....                       |  |          |        |        |      |        |                   |        |             |        |                |        |                             |                       |                    |                    |                   |                            |       |
| <i>Gloucester.</i>                |  |          |        |        |      |        |                   |        |             |        |                |        |                             |                       |                    |                    |                   |                            |       |
| Petit Rocher.....                 | 90                                     | 1500     | 1500   | 150    | 4890 | 4890   | 1000              | 1000   | 4890        | 1000   | 1000           | 1000   | 1000                        | 69484                 | 590                | 40000              | 1000              | 4000                       | 1000  |
| Bathurst.....                     | 30                                     | 600      | 600    | 60     | 6063 | 6063   | 8880              | 8880   | 6063        | 8880   | 8880           | 8880   | 8880                        | 75000                 | 250                | 4000               | 400               | 4000                       | 400   |
| New Bandon.....                   | 100                                    | 2000     | 2000   | 200    | 4723 | 4723   | 3300              | 3300   | 4723        | 3300   | 3300           | 3300   | 3300                        | 100000                | 891                | 4000               | 3000              | 4000                       | 3000  |
| Carquet.....                      | 3                                      | 1850     | 1850   | 9      | 133  | 3156   | 398               | 5280   | 2840        | 20     | 680            | 10200  | 10200                       |                       | 60                 |                    | 10450             |                            | 10450 |
| Grand Anse.....                   | 30                                     | 750      | 15000  | 118    | 250  | 25000  | 600               | 14000  | 12000       |        |                | 10200  | 10200                       |                       | 200                |                    | 3000              |                            | 3000  |
| Shipigan.....                     | 13                                     | 157      | 4550   | 46     | 176  | 16444  | 412               | 8200   | 4920        | 29     | 928            | 18700  | 18700                       | 5250                  | 31                 | 8135               | 1320              | 10006                      | 1320  |
| Pokemouche.....                   | 1                                      | 20       | 450    | 3      | 56   | 1783   | 91                | 4647   | 2030        | 23     | 515            | 1850   | 1850                        | 10000                 | 73                 | 10006              | 1737              | 10006                      | 1737  |
| Tracadie.....                     | 2                                      | 22       | 300    | 6      | 68   | 3184   | 162               | 4925   | 2475        | 48     | 1440           | 3800   | 3800                        | 6100                  | 97                 | 3562               | 1859              | 3562                       | 1859  |
| Totals.....                       | 49                                     | 1019     | 21950  | 182    | 903  | 53667  | 2074              | 52817  | 39820       | 119    | 3543           | 47530  | 47530                       | 268834                | 2704               | 2102               | 65697             | 22766                      | 65697 |

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, &c.—New Brunswick—Continued.

| DISTRICT.                        | KINDS OF FISH.     |           |            |                   |               |               |                |           |             |                 |                 |             |                | FISH PRODUCTS.    |                 |                 | VALUE.<br>\$ cts. |                    |                             |                               |
|----------------------------------|--------------------|-----------|------------|-------------------|---------------|---------------|----------------|-----------|-------------|-----------------|-----------------|-------------|----------------|-------------------|-----------------|-----------------|-------------------|--------------------|-----------------------------|-------------------------------|
|                                  | Alewives, barrels. | Cod, cwt. | Hake, cwt. | Hake Gounds, lbs. | Haddock, cwt. | Halibut, lbs. | Shad, barrels. | Bas, lbs. | Trout, lbs. | Squid, barrels. | Flounders, lbs. | Smelt, lbs. | Bels, barrels. | Oysters, barrels. | Lobsters, tons. | Lobsters, cans. |                   | Fish Oil, gallons. | Fish used as bait, barrels. | Fish used as manure, barrels. |
| <i>Restigouche.</i>              |                    |           |            |                   |               |               |                |           |             |                 |                 |             |                |                   |                 |                 |                   |                    |                             |                               |
| From Tide Head to Dalhousie..... |                    |           |            |                   |               |               |                |           |             |                 |                 | 2000        |                |                   |                 |                 |                   |                    |                             |                               |
| From Dalhousie to Belledune..... |                    |           |            |                   |               |               |                |           |             |                 |                 | 2000        |                |                   |                 | 162516          |                   | 700                | 300                         |                               |
| Totals.....                      |                    |           |            |                   |               |               |                |           |             |                 |                 |             |                |                   |                 | 162516          |                   | 700                | 300                         |                               |
| <i>Gloucester.</i>               |                    |           |            |                   |               |               |                |           |             |                 |                 |             |                |                   |                 |                 |                   |                    |                             |                               |
| Petit Rocher.....                | 1500               |           |            |                   |               |               | 5000           | 2000      |             |                 |                 | 1400000     |                |                   |                 | 488000          |                   | 376                |                             |                               |
| Bathurst.....                    | 2000               |           |            |                   |               |               |                |           |             |                 |                 | 1400000     |                |                   |                 |                 |                   |                    |                             |                               |
| New Bandon.....                  | 4000               |           |            |                   |               |               |                |           |             |                 |                 |             |                |                   |                 |                 |                   |                    |                             |                               |
| Carsquet.....                    | 8500               |           |            |                   |               |               | 2500           | 4850      |             |                 |                 | 36000       | 55             | 4800              |                 | 319444          |                   | 300                |                             |                               |
| Grand Anse.....                  | 1500               |           |            |                   |               |               | 3000           |           | 10          |                 |                 |             | 25             |                   |                 | 140500          | 1386              | 2850               | 3200                        | 125 315 30                    |
| Shippagan.....                   | 10300              |           |            |                   |               |               | 2750           |           |             |                 |                 |             | 86             | 60                | 500             | 1000000         | 750               | 750                | 3000                        | 189,832 80                    |
| Pokemouche.....                  | 650                | 1368      | 97         | 128               | 2             | 16            | 10600          | 3500      |             |                 |                 | 72800       | 86             |                   |                 | 729530          | 5675              | 2500               | 8500                        | 183,741 65                    |
| Tracadie.....                    | 516                | 927       | 183        | 384               |               |               | 750            | 1460      |             | 2000            |                 | 141000      | 25             |                   | 1               | 86000           | 635               | 3000               | 270                         | 37,187 00                     |
| Totals.....                      | 1146               | 30085     | 1090       | 2212              | 742           | 15750         | 24600          | 11750     | 10          | 2000            | 1752900         | 220         | 4860           | 501               | 2814474         | 9211            | 10585             | 15480              | 998,553 60                  |                               |

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, &c.—New Brunswick—Continued.

| DISTRICT.                            | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |       |        | FISHING MATERIAL. |        |          |        |             |        | KINDS OF FISH. |        |                  |                             |                       |                    |                    |                   |                            |                    |      |
|--------------------------------------|--|----------|--------|--------|-------|--------|-------------------|--------|----------|--------|-------------|--------|----------------|--------|------------------|-----------------------------|-----------------------|--------------------|--------------------|-------------------|----------------------------|--------------------|------|
|                                      | Vessels.                               |          |        | Boats. |       |        | Nets.             |        | Weirs.   |        | Smelt Nets. |        | Lobster Traps. |        | Salmon, barrels. | Salmon, fresh, in ice, lbs. | Salmon, in cans, lbs. | Mackerel, barrels. | Mackerel, in cans. | Herring, barrels. | Herring, smoked, in boxes. | Alewives, barrels. |      |
|                                      | No.                                    | Tonnage. | Value. | Men.   | No.   | Value. | Men.              | Value. | Fathoms. | Value. | No.         | Value. | No.            | Value. |                  |                             |                       |                    |                    |                   |                            |                    | No.  |
| <i>Northumberland.</i>               |  |          |        |        |       |        |                   |        |          |        |             |        |                |        |                  |                             |                       |                    |                    |                   |                            |                    |      |
| Point Escuminac to Bay du Vin.....   | 2                                      | 20       | 500    | 4      | 80    | 800    | 120               | 10000  | 2500     | .....  | 27          | 540    | 2600           | 2600   | 100000           | .....                       | .....                 | .....              | .....              | .....             | .....                      | .....              |      |
| Tabusintac to Grand Powns.....       | 6                                      | 45       | 1050   | 19     | 100   | 3000   | 200               | 11234  | 3370     | .....  | 51          | 1530   | 3098           | 3098   | 90560            | .....                       | 50                    | .....              | .....              | 2100              | 600                        | .....              |      |
| Tabusintac Bay and River.....        | 3                                      | 62       | 1800   | 16     | 76    | 480    | 32                | 1409   | 1409     | .....  | 89          | 2670   | 3100           | 3100   | 12000            | .....                       | .....                 | .....              | .....              | .....             | .....                      | .....              |      |
| Hardwicke to Glenelg.....            | .....                                  | .....    | .....  | .....  | ..... | .....  | .....             | .....  | .....    | .....  | .....       | .....  | .....          | .....  | .....            | .....                       | .....                 | .....              | .....              | .....             | .....                      | .....              |      |
| Bay du Vin to Beaubair's Island..... | .....                                  | .....    | .....  | .....  | ..... | .....  | .....             | .....  | .....    | .....  | .....       | .....  | .....          | .....  | .....            | .....                       | .....                 | .....              | .....              | .....             | .....                      | .....              |      |
| Newcastle and North Esk.....         | .....                                  | .....    | .....  | .....  | ..... | .....  | .....             | .....  | .....    | .....  | .....       | .....  | .....          | .....  | .....            | .....                       | .....                 | .....              | .....              | .....             | .....                      | .....              |      |
| Derby.....                           | .....                                  | .....    | .....  | .....  | ..... | .....  | .....             | .....  | .....    | .....  | .....       | .....  | .....          | .....  | .....            | .....                       | .....                 | .....              | .....              | .....             | .....                      | .....              |      |
| Blackville.....                      | .....                                  | .....    | .....  | .....  | ..... | .....  | .....             | .....  | .....    | .....  | .....       | .....  | .....          | .....  | .....            | .....                       | .....                 | .....              | .....              | .....             | .....                      | .....              |      |
| Blissville.....                      | .....                                  | .....    | .....  | .....  | ..... | .....  | .....             | .....  | .....    | .....  | .....       | .....  | .....          | .....  | .....            | .....                       | .....                 | .....              | .....              | .....             | .....                      | .....              |      |
| Doaktown to Boiestown.....           | .....                                  | .....    | .....  | .....  | ..... | .....  | .....             | .....  | .....    | .....  | .....       | .....  | .....          | .....  | .....            | .....                       | .....                 | .....              | .....              | .....             | .....                      | .....              |      |
| Boiestown to Head Waters.....        | .....                                  | .....    | .....  | .....  | ..... | .....  | .....             | .....  | .....    | .....  | .....       | .....  | .....          | .....  | .....            | .....                       | .....                 | .....              | .....              | .....             | .....                      | .....              |      |
| Totals.....                          | 11                                     | 127      | 3350   | 39     | 497   | 8619   | 914               | 42893  | 14904    | .....  | 561         | 17140  | 8798           | 8798   | 40               | 363370                      | .....                 | 218                | .....              | 2200              | 800                        | 1175               |      |
| <i>Kent.</i>                         |  |          |        |        |       |        |                   |        |          |        |             |        |                |        |                  |                             |                       |                    |                    |                   |                            |                    |      |
| Eel River to Kouchibouquais.....     | 2                                      | 27       | 700    | 8      | 125   | 3890   | 261               | 7025   | 6125     | .....  | 70          | 1900   | 9000           | 9000   | 30000            | .....                       | 40                    | 12000              | .....              | 2000              | .....                      | 280                |      |
| Kouchibouquais to Chockfish.....     | 21                                     | 420      | 10500  | 105    | 146   | 4380   | 438               | 6440   | 5152     | .....  | 177         | 7080   | 8950           | 8950   | 24000            | .....                       | 440                   | 5500               | .....              | 3200              | .....                      | 230                |      |
| Richibucto River and Branches.....   | .....                                  | .....    | .....  | .....  | ..... | .....  | .....             | .....  | .....    | .....  | .....       | .....  | .....          | .....  | .....            | .....                       | .....                 | .....              | .....              | .....             | .....                      | .....              |      |
| Buctouche Bay and River.....         | 1                                      | 10       | 500    | 6      | 27    | 2340   | 346               | 6241   | 2151     | 1119   | 1125        | 63     | 1890           | 3959   | 15               | .....                       | .....                 | .....              | .....              | .....             | .....                      | .....              |      |
| Cocagne.....                         | .....                                  | .....    | .....  | .....  | ..... | .....  | .....             | .....  | .....    | .....  | .....       | .....  | .....          | .....  | .....            | .....                       | .....                 | .....              | .....              | .....             | .....                      | .....              |      |
| Totals.....                          | 24                                     | 487      | 11700  | 119    | 673   | 16410  | 1635              | 34706  | 20928    | .....  | 119         | 1125   | 341            | 11490  | 26734            | 15                          | 54000                 | 25000              | 1663               | 17500             | 11274                      | .....              | 1793 |

Return showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, &c.—New Brunswick—Continued.

| DISTRICT.                             | KINDS OF FISH. |                               |            |                   |               |               |                |               |            |             |                  |                 | FISH PRODUCTS. |             |              | VALUE.<br>\$ cts. |                |                 |                 |                    |                             |                               |       |       |            |
|---------------------------------------|----------------|-------------------------------|------------|-------------------|---------------|---------------|----------------|---------------|------------|-------------|------------------|-----------------|----------------|-------------|--------------|-------------------|----------------|-----------------|-----------------|--------------------|-----------------------------|-------------------------------|-------|-------|------------|
|                                       | God, cwt.      | God Tonnage and Sounds, brls. | Hake, cwt. | Hake Sounds, lbs. | Haddock, cwt. | Hallbut, lbs. | Sturgeon, lbs. | Shad, barrels | Bass, lbs. | TROUT, lbs. | Frost Fish, lbs. | Flounders, lbs. | Smelt, lbs.    | Perch, lbs. | Belts, brls. |                   | Oysters, brls. | Lobsters, tons. | Lobsters, cans. | Fish Oil, gallons. | Fish used as bait, barrels. | Fish used as manure, barrels. |       |       |            |
| <i>Northumberland.</i>                |                |                               |            |                   |               |               |                |               |            |             |                  |                 |                |             |              |                   |                |                 |                 |                    |                             |                               |       |       |            |
| Point Esquimaux to Bay du Vin .....   | 200            | .....                         | .....      | 5000              | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | 37000          | .....       | .....        | 600               | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 49,515 00  |
| Tabusintac to Grand Downs .....       | 1050           | .....                         | 50         | 21000             | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | 144837         | .....       | 25           | .....             | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 51,257 72  |
| Tabusintac Bay and River .....        | .....          | .....                         | .....      | 3000              | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | 318830         | .....       | 20           | .....             | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 41,274 80  |
| Hardwicke to Glenelg .....            | .....          | .....                         | .....      | 10000             | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | 191641         | .....       | .....        | 1000              | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 27,484 46  |
| Bay du Vin to Beaubair's Island ..... | .....          | .....                         | .....      | 7000              | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | 700000         | .....       | .....        | 9                 | 1000           | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 62,321 00  |
| Newcastle and North Esk .....         | .....          | .....                         | .....      | 1103000           | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | 2950           | .....       | .....        | 15                | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 21,795 60  |
| Derby .....                           | .....          | .....                         | .....      | .....             | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | 150000         | .....       | .....        | .....             | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 12,440 00  |
| Blackville .....                      | .....          | .....                         | .....      | .....             | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | 170000         | .....       | .....        | .....             | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 12,676 00  |
| Blissville .....                      | .....          | .....                         | .....      | .....             | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | .....          | .....       | .....        | .....             | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 1,202 00   |
| Doaktown to Boiestown .....           | .....          | .....                         | .....      | .....             | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | .....          | .....       | .....        | .....             | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 840 00     |
| Boiestown to Head Waters .....        | .....          | .....                         | .....      | .....             | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | .....          | .....       | .....        | .....             | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 1,050 00   |
| Totals .....                          | 1250           | .....                         | 50         | 25081             | 149000        | 135000        | 3000           | 1715268       | .....      | 69          | 2800             | .....           | 314100         | .....       | 200          | 2500              | 1920           | .....           | 281,886 58      |                    |                             |                               |       |       |            |
| <i>Kent.</i>                          |                |                               |            |                   |               |               |                |               |            |             |                  |                 |                |             |              |                   |                |                 |                 |                    |                             |                               |       |       |            |
| Eel River to Kouchibouquais .....     | 145            | .....                         | 240        | 60000             | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | 360000         | 3000        | 160          | 475               | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 111,431 25 |
| Kouchibouquais to Chockfish .....     | 450            | .....                         | 250        | 15000             | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | 1114000        | 3000        | 150          | 320               | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 210,046 50 |
| Richibucto River & Branches .....     | .....          | .....                         | .....      | .....             | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | 1000           | .....       | .....        | .....             | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 7,170 00   |
| Buctouche Bay and River .....         | 61             | .....                         | 11         | 6080              | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | 284677         | .....       | .....        | .....             | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 67,683 93  |
| Cocagne .....                         | 65             | .....                         | 30         | 3500              | .....         | .....         | .....          | .....         | .....      | .....       | .....            | .....           | 66815          | .....       | .....        | .....             | .....          | .....           | .....           | .....              | .....                       | .....                         | ..... | ..... | 101,563 65 |
| Totals .....                          | 721            | 20                            | 531        | 792               | 45            | 2500          | .....          | 45            | 84550      | 5950        | 12400            | 79646           | 1826492        | 7000        | 908          | 3891              | 107            | 1623958         | 536             | 14305              | 292                         | 497,895 33                    |       |       |            |





RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, &c.—New Brunswick—Continued.

| DISTRICT.                           | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |     |        | FISHING MATERIAL. |          |        |       |            |       |                |       |                  |                             |                    |       |
|-------------------------------------|--|----------|--------|--------|-----|--------|-------------------|----------|--------|-------|------------|-------|----------------|-------|------------------|-----------------------------|--------------------|-------|
|                                     | Vessels.                               |          |        | Boats. |     |        | Nets.             |          | Weirs. |       | Smelt Nets |       | Lobster Traps. |       | Salmon, barrels. | Salmon, fresh, in ice, lbs. | Mackerel, barrels. |       |
|                                     | No.                                    | Tonnage. | Value. | Men.   | No. | Value. | Men.              | Fathoms. | Value. | No.   | Value.     | No.   | Value.         | No.   | Value.           |                             |                    |       |
| <i>York.</i>                        |  |          | \$     |        | 75  | 1500   | 150               | 3000     | \$     |       | \$         |       | \$             |       |                  | 6000                        |                    |       |
| <i>Sundbury.</i>                    |  |          |        |        |     |        |                   |          |        |       |            |       |                |       |                  |                             |                    |       |
| French Lake, Oromocto.....          | .....                                  | .....    | .....  | .....  | 10  | 100    | 30                | 400      | 160    | ..... | .....      | ..... | .....          | ..... | .....            | .....                       | .....              | ..... |
| Mouth Oromocto.....                 | .....                                  | .....    | .....  | .....  | 6   | 60     | 12                | 200      | 100    | ..... | .....      | ..... | .....          | ..... | .....            | .....                       | .....              | ..... |
| Burton Vicinity.....                | .....                                  | .....    | .....  | .....  | 10  | 10     | 20                | 400      | 200    | ..... | .....      | ..... | .....          | ..... | .....            | .....                       | .....              | ..... |
| Magapit Lake and Sheffield.....     | .....                                  | .....    | .....  | .....  | 30  | 300    | 60                | 1200     | 600    | ..... | .....      | ..... | .....          | ..... | .....            | .....                       | .....              | ..... |
| Porto Bello.....                    | .....                                  | .....    | .....  | .....  | 10  | 100    | 20                | 300      | 150    | ..... | .....      | ..... | .....          | ..... | .....            | .....                       | .....              | ..... |
| Sheffield.....                      | .....                                  | .....    | .....  | .....  | 11  | 110    | 22                | 300      | 150    | ..... | .....      | ..... | .....          | ..... | .....            | .....                       | .....              | ..... |
| Maugerville.....                    | .....                                  | .....    | .....  | .....  | 6   | 60     | 12                | 150      | 100    | ..... | .....      | ..... | .....          | ..... | .....            | .....                       | .....              | ..... |
| Upper Gagetown.....                 | .....                                  | .....    | .....  | .....  | 15  | 150    | 30                | 400      | 200    | ..... | .....      | ..... | .....          | ..... | .....            | .....                       | .....              | ..... |
| Lower Gagetown and Mouth Canal..... | .....                                  | .....    | .....  | .....  | 16  | 160    | 32                | 400      | 200    | ..... | .....      | ..... | .....          | ..... | .....            | .....                       | .....              | ..... |
| Oromocto River.....                 | .....                                  | .....    | .....  | .....  | 16  | 160    | 30                | 400      | 200    | ..... | .....      | ..... | .....          | ..... | .....            | .....                       | .....              | ..... |
| Totals.....                         | .....                                  | .....    | .....  | .....  | 129 | 1230   | 268               | 4150     | 2060   | ..... | .....      | ..... | .....          | ..... | .....            | .....                       | .....              | ..... |
| <i>Queen's.</i>                     |  |          |        |        |     |        |                   |          |        |       |            |       |                |       |                  |                             |                    |       |
| Washademoak Lake.....               | .....                                  | .....    | .....  | .....  | 20  | 200    | 40                | 700      | 3500   | ..... | .....      | ..... | .....          | ..... | .....            | .....                       | .....              | ..... |
| Canaan River.....                   | .....                                  | .....    | .....  | .....  | 20  | 400    | 40                | 300      | 160    | ..... | .....      | ..... | .....          | ..... | .....            | .....                       | .....              | ..... |
| Totals.....                         | .....                                  | .....    | .....  | .....  | 40  | 600    | 80                | 7300     | 3660   | ..... | .....      | ..... | .....          | ..... | .....            | .....                       | .....              | ..... |

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, &c.—New Brunswick—Continued.

| DISTRICT.                              | KINDS OF FISH.    |                    |           |            |               |               |                |                |            |             |                | FISH PRODUCTS.  |                |                    | VALUE.<br>\$ cts. |                     |                    |                               |
|--|-------------------|--------------------|-----------|------------|---------------|---------------|----------------|----------------|------------|-------------|----------------|-----------------|----------------|--------------------|-------------------|---------------------|--------------------|-------------------------------|
|  | Herring, barrels. | Alewives, barrels. | Cod, cwt. | Hake, cwt. | Haddock, cwt. | Halibut, lbs. | Sturgeon, lbs. | Shad, barrels. | Bass, lbs. | Trout, lbs. | Pickeree, lbs. | Perch, barrels. | Wels, barrels. | Fish Oil, gallons. |                   | Fish Roes, barrels. | Fish (Guano, tons. | Fish used as manure, barrels. |
| <i>York.</i>                           |                   |                    |           |            |               |               | 40             | 2000           | 3000       | 2000        | 1500           | 15              |                |                    |                   |                     |                    | 2,185 00                      |
| York Co. Line to Sanbury Co. Line..... |                   |                    |           |            |               |               |                |                |            |             |                |                 |                |                    |                   |                     |                    |                               |
| <i>Sanbury.</i>                        |                   |                    |           |            |               |               |                |                |            |             |                |                 |                |                    |                   |                     |                    |                               |
| French Lake, Oromocto.....             | 108               |                    |           |            |               |               |                | 1000           |            | 13000       | 500            | 12              |                |                    |                   |                     |                    | 1,410 00                      |
| Mouth Oromocto.....                    | 11                |                    |           |            |               |               | 40             | 1300           |            | 1000        |                |                 |                |                    |                   |                     |                    | 484 00                        |
| Barton Vicinity.....                   | 10                |                    |           |            |               |               | 41             | 1000           |            |             |                |                 |                |                    |                   |                     |                    | 428 00                        |
| Maquapit Lake and Sheffield.....       | 200               |                    |           |            |               |               | 10             | 1000           |            | 32000       |                | 12              |                |                    |                   |                     |                    | 2,968 00                      |
| Porto Bello.....                       | 100               |                    |           |            |               |               |                | 1000           |            | 1000        |                |                 |                |                    |                   |                     |                    | 520 00                        |
| Sheffield.....                         |                   |                    |           |            |               |               | 35             | 1000           |            |             |                |                 |                |                    |                   |                     |                    | 390 00                        |
| Maugerville.....                       | 10                |                    |           |            |               |               |                | 500            |            |             |                |                 |                |                    |                   |                     |                    | 180 00                        |
| Upper Gagetown.....                    |                   |                    |           |            |               |               | 35             |                |            |             |                |                 |                |                    |                   |                     |                    | 280 00                        |
| Lower Gagetown and Mouth Canal.....    | 10                |                    |           |            |               |               | 52             | 1000           |            |             |                |                 |                |                    |                   |                     |                    | 516 00                        |
| Oromocto River.....                    | 50                |                    |           |            |               |               |                | 1000           |            | 2000        |                |                 |                |                    |                   |                     |                    | 390 00                        |
| Totals.....                            | 499               |                    |           |            |               |               | 423            | 8500           |            | 49000       | 500            | 24              |                |                    |                   |                     |                    | 7,536 00                      |
| <i>Queen's.</i>                        |                   |                    |           |            |               |               |                |                |            |             |                |                 |                |                    |                   |                     |                    |                               |
| Washademoak Lake.....                  | 400               |                    |           |            |               |               | 450            | 1500           | 400        | 20000       | 2000           | 20              |                |                    |                   |                     |                    | 6,814 00                      |
| Canaan River.....                      | 80                |                    |           |            |               |               | 140            |                |            | 1500        | 1000           |                 |                |                    |                   |                     |                    | 1,590 00                      |
| Totals.....                            | 48                |                    |           |            |               |               | 590            | 1500           | 400        | 21500       | 3000           | 20              |                |                    |                   |                     |                    | 8,404 00                      |



Return showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, &c.—New Brunswick—Continued.

| DISTRICT.   | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |       |        | FISHING MATERIAL. |        |        |        |                |        | KINDS OF FISH.              |                    |                   |                          |                            |                    |           |                                 |
|---|--|----------|--------|--------|-------|--------|-------------------|--------|--------|--------|----------------|--------|-----------------------------|--------------------|-------------------|--------------------------|----------------------------|--------------------|-----------|---------------------------------|
|   | Vessels.                               |          |        | Boats. |       |        | Nets.             |        | Weirs. |        | Lobster Traps. |        | Salmon, fresh, in ice, lbs. | Mackerel, barrels. | Herring, barrels. | Herring, frozen, number. | Herring, smoked, in boxes. | Alewives, barrels. | Cod, cwt. | Cod Tongues and Souds, barrels. |
|   | No.                                    | Tonnage. | Value. | Men.   | No.   | Value. | Fathoms.          | Value. | No.    | Value. | No.            | Value. |                             |                    |                   |                          |                            |                    |           |                                 |
| <i>Kings.</i>   |  |          |        |        |       |        |                   |        |        |        |                |        |                             |                    |                   |                          |                            |                    |           |                                 |
| Westfield and Belle Isle.....   | .....                                  | .....    | \$     | .....  | 68    | 620    | 73                | 5500   | .....  | .....  | .....          | .....  | .....                       | .....              | .....             | .....                    | .....                      | .....              | .....     | .....                           |
| Kennebecassis & Smith's Creek.....  | .....                                  | .....    | .....  | .....  | 10    | 200    | 20                | .....  | .....  | .....  | .....          | .....  | .....                       | .....              | .....             | .....                    | .....                      | .....              | .....     | .....                           |
| Totals.....   | .....                                  | .....    | .....  | .....  | 78    | 820    | 93                | 5500   | .....  | .....  | .....          | .....  | .....                       | .....              | .....             | .....                    | .....                      | .....              | .....     | .....                           |
| <i>St. John.</i>  |  |          |        |        |       |        |                   |        |        |        |                |        |                             |                    |                   |                          |                            |                    |           |                                 |
| Point Wolfe to Cape Spencer.....  | 8                                      | 190      | 1400   | 35     | 18    | 350    | 40                | 900    | 1800   | 3      | 270            | 145    | 145                         | .....              | 14                | 900                      | .....                      | .....              | .....     | 1600                            |
| Quaco Head to Lepreaux, including St. John Harbour.....                   | 30                                     | 500      | 10000  | 120    | 260   | 6509   | 500               | 190000 | 70000  | 32     | 10000          | 1000   | 1000                        | 190000             | .....             | 30000                    | 250000                     | 250000             | 18436     | 2000                            |
| Totals.....   | 38                                     | 690      | 11500  | 155    | 278   | 6850   | 540               | 100900 | 71800  | 35     | 10270          | 1145   | 1145                        | 190000             | 14                | 30900                    | 250000                     | 250000             | 18436     | 3500                            |
| <i>Charlotte.</i>   |  |          |        |        |       |        |                   |        |        |        |                |        |                             |                    |                   |                          |                            |                    |           |                                 |
| St. Croix.....  | 15                                     | 232      | 8000   | 76     | 32    | 2080   | 96                | 140    | 84     | 5      | 200            | .....  | .....                       | 4800               | 90                | 320                      | .....                      | .....              | .....     | 75                              |
| Inner Bay of Passamaquoddy and Lepreaux, Beaver Harbour and Back Bay..... | 24                                     | 340      | 1460   | 116    | 80    | 2000   | 160               | 22000  | 11000  | 29     | 4700           | 1080   | 1000                        | .....              | 15000             | 600000                   | 265700                     | .....              | .....     | 4000                            |
| Deer Island.....  | 24                                     | 375      | 12400  | 120    | 240   | 16800  | 360               | 15000  | 10000  | 75     | 37500          | 800    | 800                         | .....              | 400               | 1500000                  | 45000                      | .....              | .....     | 600                             |
| Campobello.....   | 18                                     | .....    | 8650   | 98     | ..... | 3809   | 217               | 11828  | 6690   | 25     | 17500          | 477    | 235                         | .....              | 1688              | 271500                   | 253400                     | .....              | .....     | 705                             |
| Grand Manan.....  | 10                                     | 200      | 5000   | 60     | 460   | 40000  | 480               | 27000  | 18500  | 39     | 10000          | 1000   | 1000                        | .....              | 10                | 10000                    | 5000000                    | 1200000            | .....     | 9000                            |
| Totals.....   | 91                                     | 1147     | 35510  | 470    | 882   | 68589  | 1463              | 83968  | 43274  | 195    | 70500          | 3977   | 3445                        | 5100               | 100               | 29478                    | 14601500                   | 1765400            | 860       | 15520                           |

Return showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, &c—New Brunswick—Continued.

| District.   | KINDS OF FISH. |            |                   |               |                |                |                |           |             |                  |                 |                 |             | FISH PRODUCTS. |                |                |                 | VALUE.<br>\$ cts. |                    |                     |                   |                             |                               |       |       |       |
|---|----------------|------------|-------------------|---------------|----------------|----------------|----------------|-----------|-------------|------------------|-----------------|-----------------|-------------|----------------|----------------|----------------|-----------------|-------------------|--------------------|---------------------|-------------------|-----------------------------|-------------------------------|-------|-------|-------|
|   | Pollock, cwt.  | Hake, cwt. | Hake Sounde, lbs. | Haddock, cwt. | Hallibut, lbs. | Sturgeon, lbs. | Shad, barrels. | Bas, lbs. | Trout, lbs. | Frost Fish, lbs. | Squid, barrels. | Flounders, lbs. | Smelt, lbs. | Pickery, lbs.  | Kels, barrels. | Gardines, hds. | Lobsters, tons. |                   | Fish Oil, Gallons. | Fish Roes, barrels. | Fish Guano, tons. | Fish used as bait, barrels. | Fish used as manure, barrels. |       |       |       |
| <i>King's.</i>  |                |            |                   |               |                |                |                |           |             |                  |                 |                 |             |                |                |                |                 |                   |                    |                     |                   |                             |                               |       |       |       |
| Westfield and Belle Isle.....                           | .....          | .....      | .....             | .....         | .....          | .....          | .....          | .....     | .....       | .....            | .....           | .....           | .....       | .....          | .....          | .....          | .....           | .....             | .....              | .....               | .....             | .....                       | .....                         | ..... | ..... | ..... |
| Kennebecasis & Smith's Creek                            | .....          | 45         | .....             | .....         | .....          | .....          | .....          | .....     | .....       | .....            | .....           | .....           | .....       | .....          | .....          | .....          | .....           | .....             | .....              | .....               | .....             | .....                       | .....                         | ..... | ..... | ..... |
| Totals.....   | .....          | 45         | .....             | .....         | .....          | .....          | .....          | .....     | .....       | .....            | .....           | .....           | .....       | .....          | .....          | .....          | .....           | .....             | .....              | .....               | .....             | .....                       | .....                         | ..... | ..... | ..... |
| <i>St. John.</i>  |                |            |                   |               |                |                |                |           |             |                  |                 |                 |             |                |                |                |                 |                   |                    |                     |                   |                             |                               |       |       |       |
| Point Wolfe to Cape Spencer...                          | 900            | 55         | .....             | 500           | 2500           | .....          | 18             | .....     | .....       | .....            | .....           | .....           | .....       | .....          | .....          | .....          | .....           | .....             | .....              | .....               | .....             | .....                       | .....                         | ..... | ..... | ..... |
| Quaco Head to Lepreaux, including St. John Harbour..... | 1000           | 100        | 500               | 2000          | 1000           | .....          | 1250           | 1000      | .....       | .....            | .....           | .....           | .....       | .....          | .....          | .....          | .....           | .....             | .....              | .....               | .....             | .....                       | .....                         | ..... | ..... | ..... |
| Totals.....   | 1900           | 1050       | 500               | 2500          | 3500           | .....          | 1268           | 1000      | .....       | .....            | .....           | .....           | .....       | .....          | .....          | .....          | .....           | .....             | .....              | .....               | .....             | .....                       | .....                         | ..... | ..... | ..... |
| <i>Charlotte.</i>                                       |                |            |                   |               |                |                |                |           |             |                  |                 |                 |             |                |                |                |                 |                   |                    |                     |                   |                             |                               |       |       |       |
| St. Croix.....  | .....          | .....      | .....             | 175           | .....          | .....          | .....          | .....     | 8050        | 1000             | .....           | .....           | .....       | .....          | .....          | .....          | .....           | .....             | .....              | .....               | .....             | .....                       | .....                         | ..... | ..... | ..... |
| Inner Bay of Passamaquoddy...                           | 1800           | 2000       | 2000              | 500           | 8700           | .....          | .....          | .....     | .....       | .....            | .....           | .....           | .....       | .....          | .....          | .....          | .....           | .....             | .....              | .....               | .....             | .....                       | .....                         | ..... | ..... | ..... |
| Lepreaux, Beaver Harbour and Back Bay.....              | 2000           | 17000      | 17000             | 6000          | .....          | .....          | .....          | .....     | .....       | .....            | .....           | .....           | .....       | .....          | .....          | .....          | .....           | .....             | .....              | .....               | .....             | .....                       | .....                         | ..... | ..... | ..... |
| Deer Island.....  | 1500           | 2800       | 3300              | 1000          | .....          | .....          | .....          | .....     | .....       | .....            | .....           | .....           | .....       | .....          | .....          | .....          | .....           | .....             | .....              | .....               | .....             | .....                       | .....                         | ..... | ..... | ..... |
| Campobello.....   | 3533           | 540        | 648               | 902           | .....          | .....          | .....          | .....     | .....       | .....            | .....           | .....           | .....       | .....          | .....          | .....          | .....           | .....             | .....              | .....               | .....             | .....                       | .....                         | ..... | ..... | ..... |
| Grand Maun.....   | 6000           | 6000       | 6000              | 3500          | 12000          | .....          | .....          | .....     | .....       | .....            | .....           | .....           | .....       | .....          | .....          | .....          | .....           | .....             | .....              | .....               | .....             | .....                       | .....                         | ..... | ..... | ..... |
| Totals.....   | 14833          | 28040      | 28948             | 12077         | 20700          | .....          | .....          | .....     | .....       | .....            | .....           | .....           | .....       | .....          | .....          | .....          | .....           | .....             | .....              | .....               | .....             | .....                       | .....                         | ..... | ..... | ..... |

RECAPITULATION showing the Quantity and Value of Fishing Material, &c.—New Brunswick.

| District.            | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |       |          |       | FISHING MATERIAL. |        |             |        |                |        |        |         |
|----------------------|--|----------|--------|-------|----------|-------|-------------------|--------|-------------|--------|----------------|--------|--------|---------|
|                      | Vessels.                               |          | Boats. |       | Nets.    |       | Weirs.            |        | Smelt Nets. |        | Lobster Traps. |        |        |         |
|                      | No.                                    | Tonnage. | Men.   | No.   | Value.   | Men.  | Value.            | No.    | Value.      | No.    | Value.         | No.    | Value. |         |
| Restigouche .....    | 1                                      | 14       |        | 121   | \$ 1,382 | 223   | \$ 14,085         |        |             |        |                |        |        |         |
| Gloucester.....      | 49                                     | 1,019    | 182    | 903   | 53,667   | 2,074 | 39,820            | 20,099 |             |        |                | 2,800  | 1,400  |         |
| Northumberland ..... | 11                                     | 127      | 39     | 497   | 8,619    | 914   | 14,904            | 52,817 |             |        |                | 47,630 | 47,530 |         |
| Kent.....            | 24                                     | 457      | 119    | 673   | 16,410   | 1,635 | 34,706            | 42,893 |             |        |                | 8,798  | 8,798  |         |
| Westmoreland .....   |  |          |        | 686   | 10,762   | 114   | 26,150            | 34,706 |             |        |                | 26,734 | 26,734 |         |
| Albert.....          |  |          |        | 8     | 400      | 16    | 700               | 26,150 |             |        |                | 15,000 | 15,000 |         |
| Victoria.....        |  |          |        | 20    | 800      | 40    | 1,500             | 373    |             |        |                |        |        |         |
| Garnet.....          |  |          |        | 50    | 1,000    | 100   | 500               | 1,500  |             |        |                |        |        |         |
| York.....            |  |          |        | 75    | 1,500    | 150   | 3,000             | 500    |             |        |                |        |        |         |
| Sunbury.....         |  |          |        | 129   | 1,230    | 268   | 4,180             | 1,600  |             |        |                |        |        |         |
| Queens.....          |  |          |        | 40    | 600      | 80    | 7,390             | 2,060  |             |        |                |        |        |         |
| Kings.....           |  |          |        | 78    | 820      | 93    | 5,500             | 3,690  |             |        |                |        |        |         |
| St. John.....        | 38                                     | 690      | 165    | 278   | 6,850    | 540   | 100,900           | 17,100 |             |        |                |        |        |         |
| Charlotte.....       | 91                                     | 1,147    | 470    | 882   | 68,589   | 1,463 | 83,988            | 71,800 |             |        |                | 1,145  | 1,145  |         |
| Totals.....          | 214                                    | 3,454    | 968    | 4,440 | 174,029  | 7,708 | 243,474           | 43,274 | 195         | 70,500 | 378            | 82,305 | 35,698 | 104,052 |

RECAPITULATION showing the Quantity and Value of Fishing Material, &c.—New Brunswick—Continued.

| DISTRICT.           | KINDS OF FISH.   |                             |                       |                    |                    |                   |                          |                            |                   |           |                                 |               |            |                    |               |               |                |                |            |       |
|---------------------|------------------|-----------------------------|-----------------------|--------------------|--------------------|-------------------|--------------------------|----------------------------|-------------------|-----------|---------------------------------|---------------|------------|--------------------|---------------|---------------|----------------|----------------|------------|-------|
|                     | Salmon, barrels. | Salmon, fresh, in ice, lbs. | Salmon, in cans, lbs. | Mackerel, barrels. | Mackerel, in cans. | Herring, barrels. | Herring, frozen, number. | Herring, smoked, in boxes. | Alwives, barrels. | Cod, cwt. | Cod Tongues and Gunds, barrels. | Pollock, cwt. | Hake, cwt. | Hake, Gounds, lbs. | Haddock, cwt. | Hallbut, lbs. | Sturgeon, lbs. | Shad, barrels. | Bass, lbs. |       |
| Restigouche.....    | .....            | 165,147                     | 6,168                 | .....              | .....              | .....             | .....                    | .....                      | .....             | .....     | .....                           | .....         | .....      | .....              | .....         | .....         | .....          | .....          | .....      | ..... |
| Gloucester.....     | .....            | 266,834                     | 2,704                 | 2,102              | 65,697             | 22,766            | .....                    | 100                        | 1,146             | 30,085    | .....                           | .....         | .....      | .....              | .....         | .....         | .....          | .....          | .....      | ..... |
| Northumberland..... | 40               | 363,370                     | .....                 | 218                | .....              | 2,200             | .....                    | 600                        | 1,175             | 1,280     | .....                           | .....         | .....      | .....              | .....         | .....         | .....          | .....          | .....      | ..... |
| Kent.....           | .....            | 64,000                      | 2,500                 | 1,683              | 17,500             | 11,274            | .....                    | .....                      | 1,793             | 721       | 20                              | .....         | .....      | .....              | .....         | .....         | .....          | .....          | .....      | ..... |
| Westmoreland.....   | 15               | 6,960                       | .....                 | 1,540              | 12,000             | 13,450            | .....                    | 3,100                      | 200               | .....     | .....                           | .....         | .....      | .....              | .....         | .....         | .....          | .....          | .....      | ..... |
| Albert.....         | 12               | .....                       | .....                 | .....              | .....              | .....             | .....                    | 200                        | .....             | .....     | .....                           | .....         | .....      | .....              | .....         | .....         | .....          | .....          | .....      | ..... |
| Victoria.....       | 40               | 1,000                       | .....                 | .....              | .....              | 237               | .....                    | .....                      | .....             | 6         | .....                           | .....         | .....      | .....              | .....         | .....         | .....          | .....          | .....      | ..... |
| Carleton.....       | .....            | 10,000                      | .....                 | .....              | .....              | .....             | .....                    | .....                      | .....             | .....     | .....                           | .....         | .....      | .....              | .....         | .....         | .....          | .....          | .....      | ..... |
| York.....           | .....            | 6,000                       | .....                 | .....              | .....              | .....             | .....                    | .....                      | .....             | .....     | .....                           | .....         | .....      | .....              | .....         | .....         | .....          | .....          | .....      | ..... |
| Sunbury.....        | .....            | 300                         | .....                 | .....              | .....              | .....             | .....                    | .....                      | .....             | .....     | .....                           | .....         | .....      | .....              | .....         | .....         | .....          | .....          | .....      | ..... |
| Queen's.....        | .....            | .....                       | .....                 | .....              | .....              | .....             | .....                    | .....                      | .....             | .....     | .....                           | .....         | .....      | .....              | .....         | .....         | .....          | .....          | .....      | ..... |
| King's.....         | .....            | 10,272                      | .....                 | .....              | .....              | .....             | .....                    | .....                      | .....             | .....     | .....                           | .....         | .....      | .....              | .....         | .....         | .....          | .....          | .....      | ..... |
| St. John.....       | .....            | 190,000                     | .....                 | .....              | .....              | 30,900            | .....                    | 25,000                     | .....             | .....     | .....                           | .....         | .....      | .....              | .....         | .....         | .....          | .....          | .....      | ..... |
| Charlotte.....      | .....            | 5,100                       | .....                 | .....              | .....              | 29,478            | .....                    | 1,765,400                  | .....             | .....     | .....                           | .....         | .....      | .....              | .....         | .....         | .....          | .....          | .....      | ..... |
| Totals.....         | 107              | 1,077,983                   | 11,362                | 5,657              | 95,197             | 109,905           | 14,851,500               | 1,794,400                  | 24,816            | 51,082    | 146                             | 16,743        | 30,842     | 33,452             | 15,397        | 42,450        | 64,430         | 4,305          | 398,150    | ..... |

RECAPITULATION showing the Quantity and Value of Fishing Material, &c.—New Brunswick—Concluded.

| DISTRICT.            | KINDS OF FISH. |                  |                 |                 |             |                |             |                |                |                   | FISH PRODUCTS.  |                 |                    |                    |                   | VALUE.<br>\$ cts. |                             |
|----------------------|----------------|------------------|-----------------|-----------------|-------------|----------------|-------------|----------------|----------------|-------------------|-----------------|-----------------|--------------------|--------------------|-------------------|-------------------|-----------------------------|
|                      | Trout, lbs.    | Frost Fish, lbs. | Squid, barrels. | Flounders, lbs. | Smelt, lbs. | Pickarel, lbs. | Perch, lbs. | Bels, barrels. | Sardines, hds. | Oysters, barrels. | Lobsters, tons. | Lobsters, cans. | Fish Oil, gallons. | Fish Roe, barrels. | Fish Guano, tons. |                   | Fish used as bait, barrels. |
| Restigouche .....    | 11,750         | 635,000          | 10              | 2,000           | 2,000       | .....          | .....       | .....          | .....          | .....             | .....           | 162,516         | .....              | .....              | .....             | .....             | .....                       |
| Gloucester .....     | 13,500         | 12,400           | .....           | 1,752,900       | .....       | .....          | 220         | .....          | 4,560          | 501               | 2,814,474       | 9,211           | .....              | .....              | 700               | 300               | 59,958 40                   |
| Northumberland ..... | 5,950          | 7,060            | .....           | 1,715,268       | .....       | .....          | 69          | .....          | 2,800          | .....             | 314,100         | 200             | .....              | .....              | 10,585            | 15,480            | 908,553 60                  |
| Kent .....           | 4,500          | 1,000            | .....           | 79,846          | 1,825,492   | .....          | 808         | .....          | 3,891          | 107               | 1,623,958       | 536             | .....              | .....              | 2,500             | 1,920             | 281,886 58                  |
| Westmoreland .....   | 1,000          | .....            | .....           | 501,400         | .....       | .....          | 185         | .....          | 300            | 79                | 747,024         | 115             | .....              | .....              | 4,503             | 2,000             | 497,895 33                  |
| Albert .....         | 2,000          | .....            | .....           | .....           | .....       | .....          | .....       | .....          | .....          | .....             | .....           | 35              | .....              | .....              | .....             | .....             | 3,404 50                    |
| Victoria .....       | 20,343         | .....            | .....           | .....           | .....       | .....          | 6           | .....          | .....          | .....             | .....           | .....           | .....              | .....              | .....             | .....             | 1,485 00                    |
| Carleton .....       | 3,000          | .....            | .....           | .....           | .....       | .....          | 15          | .....          | .....          | .....             | .....           | .....           | .....              | .....              | .....             | .....             | 4,374 78                    |
| York .....           | .....          | .....            | .....           | .....           | .....       | .....          | .....       | .....          | .....          | .....             | .....           | .....           | .....              | .....              | .....             | .....             | 2,165 00                    |
| Sunbury .....        | 400            | .....            | .....           | .....           | .....       | .....          | 24          | .....          | .....          | .....             | .....           | .....           | .....              | .....              | .....             | .....             | 7,536 00                    |
| Queen's .....        | 4,000          | .....            | .....           | .....           | .....       | .....          | 20          | .....          | .....          | .....             | .....           | .....           | .....              | .....              | .....             | .....             | 8,404 00                    |
| King's .....         | .....          | .....            | .....           | .....           | .....       | .....          | 41          | .....          | .....          | .....             | .....           | .....           | .....              | .....              | .....             | .....             | 13,863 70                   |
| St. John .....       | .....          | .....            | .....           | .....           | .....       | .....          | 40          | .....          | .....          | .....             | .....           | .....           | .....              | .....              | .....             | .....             | 283,202 00                  |
| Charlotte .....      | 4,500          | 4,000            | 483             | 5,000           | 4,500       | 2,000          | .....       | 35,788         | .....          | 904               | .....           | 44,330          | .....              | 2,905              | 5,190             | 4,305             | 1,407,020 50                |
| Totals .....         | 70,943         | 658,400          | 493             | 92,146          | 5,801,560   | 130,570        | 12,000      | 1,433          | 35,788         | 11,851            | 1,709           | 5,662,072       | 53,957 18          | 2,905              | 37,883            | 24,397            | 3,730,453 99                |

RECAPITULATION of the Yield and Value of the Fisheries of New Brunswick, during the Year 1884.

| Kinds of Fish.               | Quantities.         | Prices. |      | Value.    |      |
|------------------------------|---------------------|---------|------|-----------|------|
|                              |                     | \$      | cts. | \$        | cts. |
| Salmon, pickled .....        | brls. 107           | 18      | 00   | 1,926     | 00   |
| do fresh, in ice.....        | lbs. 1,077,983      | 0       | 20   | 215,596   | 60   |
| do in cans.....              | " 11,362            | 0       | 20   | 2,272     | 40   |
| Mackerel .....               | brls. 5,657         | 10      | 00   | 56,570    | 00   |
| do in cans.....              | cans. 95,197        | 0       | 15   | 14,279    | 55   |
| Herring.....                 | brls. 109,905       | 4       | 00   | 439,620   | 00   |
| do frozen, number, @ 60..... | per 100. 14,851,500 | 0       | 60   | 89,109    | 00   |
| do smoked.....               | boxes 1,794,400     | 0       | 25   | 448,600   | 00   |
| Alewives .....               | brls. 24,816        | 4       | 00   | 99,264    | 00   |
| Cod.....                     | cwt. 51,082         | 4       | 25   | 217,089   | 50   |
| Cod Tongues and Sounds.....  | brls. 146           | 7       | 00   | 1,022     | 00   |
| Pollock.....                 | cwt. 16,743         | 3       | 50   | 58,600    | 50   |
| Hake.....                    | " 30,842            | 3       | 50   | 107,947   | 00   |
| Hake Sounds .....            | lbs. 32,452         | 1       | 00   | 32,452    | 00   |
| Haddock.....                 | cwt. 15,379         | 3       | 50   | 53,826    | 50   |
| Halibut.....                 | lbs. 42,450         | 0       | 06   | 2,547     | 00   |
| Sturgeon.....                | " 64,430            | 0       | 06   | 3,865     | 80   |
| Shad.....                    | brls. 4,305         | 8       | 00   | 34,440    | 00   |
| Bass.....                    | lbs. 298,150        | 0       | 06   | 17,889    | 00   |
| Trout.....                   | " 70,943            | 0       | 06   | 4,256     | 58   |
| Frost Fish.....              | " 658,400           | 0       | 02   | 13,168    | 00   |
| Squid.....                   | brls. 493           | 4       | 00   | 1,972     | 00   |
| Flounders.....               | lbs. 92,146         | 0       | 06   | 5,528     | 76   |
| Smelt.....                   | " 5,801,560         | 0       | 06   | 348,093   | 60   |
| Pickrel.....                 | " 130,570           | 0       | 06   | 7,824     | 20   |
| Perch.....                   | " 12,000            | 0       | 36   | 720       | 00   |
| Eels .....                   | brls. 1,433         | 9       | 00   | 12,897    | 00   |
| Sardines.....                | hds. 35,788         | 10      | 00   | 357,880   | 00   |
| Oysters.....                 | brls. 11,851        | 3       | 00   | 35,553    | 00   |
| Lobsters, fresh.....         | tons. 1,709         | 30      | 00   | 51,270    | 00   |
| do preserved.....            | cans. 5,662,072     | 0       | 15   | 849,310   | 80   |
| Fish Oil.....                | galls. 53,957       | 0       | 60   | 32,374    | 20   |
| Fish Roes.....               | brls. 18            | 4       | 00   | 72        | 00   |
| Fish Guano.....              | tons. 2,905         | 15      | 00   | 43,575    | 00   |
| Fish used as bait.....       | brls. 37,883        | 1       | 50   | 56,824    | 50   |
| Fish used as manure.....     | " 24,397            | 0       | 50   | 12,198    | 50   |
| Total, 1884.....             |                     |         |      | 3,730,453 | 99   |
| do 1883.....                 |                     |         |      | 3,185,674 | 88   |
| Increase.....                |                     |         |      | 544,779   | 11   |

## No. 4.

## QUEBEC.

REPORT OF THE FISHERY OFFICER IN CHARGE OF THE GOVERNMENT VESSEL "LA CANADIENNE," ENGAGED IN THE PROTECTION OF THE GULF FISHERIES FOR THE YEAR 1884.

GASPÉ, 31st December, 1884.

The Honorable A. W. McLELAN,  
Minister of Marine and Fisheries, Ottawa:

SIR,—I beg herewith to forward my report on the Fisheries of the Gulf Division for the season just closed, together with synopses of the reports of the various local fishery overseers, and statistical returns for each of the three counties forming the Gulf Division. These returns show a considerable falling off, especially in the catch of cod fish on the north shore, and salmon on the south shore.

## COD

This fishery shows a decrease of 46,932 cwts. as compared with 1883. At Percé, the principle cod fishing station on the south shore, and usually one of the earliest, the fishery only began about the 10th of June. In the Bay des Chaleurs, all fishing operations were delayed by the ice, which only disappeared by the end of May. We had no really heavy gales until towards the close of the fall fishing in November, but the wind prevailed steadily from the eastward throughout the season, and during July especially. This necessitated keeping the boats ashore during the very height of the season. On the north shore the same trouble existed, and the boats were in harbour fully half the season. The greatest decrease in the catch of cod occurred on that part of the coast between Natashquan and Blancs Sablons. As will be easily understood, the prevalence of easterly winds on that coast means an increase in the ordinary current setting up the Straits and along the coast from the Atlantic—which current being increased, an unusual quantity of ice was forced up the Straits of Belle Isle and along the shore. I returned from the Straits on the 20th of August, and I parted with the icebergs only twenty miles below Natashquan. On the morning of the 25th July I left Blancs Sablons, bound west as far as Bonne Esperance, only some 18 miles distant, and in this short distance we counted over 100 icebergs, and passed through much broken ice; many of the larger icebergs were grounded on the fishing banks in twenty fathoms of water; they were of an unusual size, not particularly high, few of them being over eighty feet high, but long and wide; we noticed several which we reckoned to be fully a mile long. This inward set of the ice continued until the end of August, and as a result, we have had a complete failure of the cod fishery. Some idea of the thoroughness of the failure may be had from the fact, that eighteen vessels from the Magdalen Islands returned home in August, having been on the coast since June, with only 10 cwt. of fish among the lot. The poorer families on this coast and on the Magdalen Islands were left destitute, and it was necessary to send them assistance, which was furnished for the purpose, by the Local Government, we taking it in October to the Magdalen Islands and Labrador, and distributing it where it was most needed, by order of your Department. The price of dry cod, as of all other fish, has been low; fortunately for the coast, provisions have never been cheaper, so that with the exception of those on the Labrador coast and at the

Magdalen Islands, who trust solely to the cod fishery for their existence, the majority of our people have never been better off than they are this winter. The foreign markets have been very low, due to an enormous catch of cod in Norway and to the general demoralization of the Mediterranean markets by the cholera. Cod was abundant everywhere when the boats could get out; they were taken off the mouth of Gaspé Bay only a fortnight ago (10th December), and by the last mail from the Magdalen Islands, I am informed by Mr. Painchaud, the Collector of Customs, that the boats were then taking all they could handle, in Pleasant Bay, off Entry Island.

## SALMON.

The total catch of salmon shows a considerable increase, but this increase has taken place altogether on the north shore; the decrease on the south shore in Gaspé and Bonaventure being very considerable. On the south coast were caught in 1883, 260,016 lbs., while in 1884, only 171,167 lbs. have been taken, a decrease of 88,849 lbs. or more than half this season's catch. I am utterly at a loss how to account for this decrease. On the north shore (County of Saguenay), in spite of freshets, rough weather and ice, owing to which many nets were not set, and others were carried away and lost, we have an increase which is shown by the following table:—

|                     | Barrels Salted.     | Fresh in Ice. |
|---------------------|---------------------|---------------|
| 1884 .....          | 1,071 $\frac{1}{2}$ | 156,576 lbs.  |
| 1883.....           | 695 $\frac{1}{2}$   | 80,126 "      |
| Increase, 1884..... | 376                 | 76,450        |

Or allowing 300 lbs. to the barrel, a total increase for this year of 189,250 lbs., being more than half the catch of last season. The fishery was every where late in beginning. It was noticed on the north shore, and at Anticosti, that the fish were a larger run than usual, while on the south shore the fish were smaller.

## HERRING.

The herring catch was small, though it shows an increase of 5,270 barrels over last season. For the third spring in succession, the early herring fishery in Pleasant Bay, Magdalen Islands, has failed completely, or rather it has not existed at all, as the schools of herring were not able to get into the bay to spawn during the first spring tides of May. They must have passed on and made for Bay des Chaleurs, as herring were taken abundantly on both shores of the upper part of that bay during the end of May. They are there taken chiefly for manure, a few thousand boxes are smoked, and a small quantity exported to Boston and the West Indies; being thin they keep better in warm latitudes than the fall herring. Summer and fall herring were abundant, a large quantity was taken on the north side of Anticosti and about Natashquan, these were mostly sent to Quebec and Montreal, where, owing to the scarcity of Newfoundland herring, (their fishery having been a failure), they commanded good prices. The Inspection Act has had the effect of making our fishermen more careful in the curing of their herring, as a result, they command a better price. There is, however, still plenty of room for improvement.

## MACKEREL.

An increased interest was taken in this fishery during the season just closed, and considerable outlay was made by local fishermen, and others from Nova Scotia. Five trap nets were licensed and set, and a considerable number of gill nets, but I am sorry to say that the fishery was a complete failure. The few mackerel taken were of good quality, but no large schools ever come west of Cape Breton. The fishermen were, however, not disheartened, and I believe that a still further interest will be taken in the mackerel fishery next season.



## HALIBUT.

The quantity of halibut taken was about the same as last year. The halibut fishery is not prosecuted by our fishermen as a separate fishery, halibut only being taken by the cod fishermen, who generally consider the hooking of a halibut a nuisance, so that they rather avoid the bottoms where halibut are sure to be taken. No American halibut trawlers were seen about the coast this season.

## LOBSTERS.

A considerable increase is shown in the quantity of lobsters taken. In 1883 were taken, 606,154 lbs., this season the returns give us 788,283 lbs., an increase of 182,129 lbs., The increase is mostly in the County of Bonaventure, where the lobster fishery having been abandoned for a few years, the fish, as would naturally have been expected, have had a chance to increase. The extension of the fishing season granted this year was not generally availed of, most of the canneries had closed down sometime before the 20th of August, others had prepared to close, and did not care to alter their arrangements, when they learned that an extension had been granted; so that only those that had been urging this extension, and expecting to get it, were prepared for it when it came. It would be better either to make this extension permanent, and I don't see that any great harm would be done by doing so, at the Magdalen Islands, or else in the future to refuse it.

## SEALS.

For the third year in succession this fishery has been a failure. The falling off being for this season 8,754 skins and 77,368 gallons of oil, as compared with last season, which was in itself a poor one. For a successful spring seal fishery, it is necessary that the schooners should get out from their winter quarters about the end of March, and manage to penetrate into the seal bearing fields of ice, among the young seals. This spring as in both the preceeding ones, owing to the continuous east wind in March and April, the ice was jammed on shore, at the Magdalen Islands and on the north shore, from the east end of Anticosti over to Natashquan; so that the vessels could not get out of harbour, and work in among the floes, in time to get at the young seals before they are old enough to take to the water. This fishery is prosecuted entirely with small and weak sailing vessels of from 15 to 45 tons, the fishermen are consequently entirely dependent on a favorable state of wind and ice for a successful fishery. One good steamer would stand more chance of getting at the seals than the 50 schooners that are engaged in the fishery. Four sealing schooners from Esquimaux Point were nipped in the ice, off the East Point of Anticosti and lost. Fortunately no lives were lost, as the crews were able to make the land over the ice. As these vessels were uninsured, their destruction has been a very serious loss to their owners. The sedentary seal fishery on the Labrador was good. In some localities this fishery is carried on in December, while the seals are running up the coast through the passes and leads, among the islands; nets made with a large mesh, of heavy twine, are strung across a narrow channel where the seals are known to run, these nets are allowed a good deal of slack in which the seals get entangled and drowned. Some of the fisheries yield an average of 1,400 seals. At Bradore Bay and Long Point this fishery is made in the spring when the seals are running out.

## BAIT.

Bait was sufficiently abundant on the south coast, at Anticosti and the Magdalen Islands and on the north shore west of Natashquan. Below Natashquan, the capelin never struck in, they remained in deep water outside the belt of ice. A large and well furnished guano factory has been completed at Salmon Bay, it is owned and will be worked by the Newfoundland Guano Company. It will be ready for active operation next spring, and I hope it will be a success. I trust that others will

follow on other parts of the coast, where fish offal is most abundant, as at Percé, Natashquan and Magpie, where an enormous quantity could be collected within a limited distance.

The Fishery Regulations have been well observed in the Gulf Division, and the various local overseers have been active in their duties. It is to be hoped that the Local Government will not much longer delay in putting reliable overseers on the salmon rivers above the tidal waters, as unless the rivers efficiently guarded, and the spawning beds protected, the observance of a vigorous close season for net fishing, will be of little use, already the net fishermen are complaining that while we look closely after them, and they are compelled to pay a license for what they catch, the rivers to which they must trust for a continuance of the supply of fish are neglected.

## SYNOPSIS OF OVERSEERS' REPORTS.

### RISTIGOUCHE DIVISION.

*Overseer J. A. Verge* reports a falling off in the salmon fishery; in 1883 the yield was 63,543 lbs., this season's yield being only 36,856 lbs., a decrease of 26,687, or about 42 per cent. The heavy rains during the better part of the season caused a very great rise of water, and a run of brush and debris, which interfered very much with fishermen, preventing them from keeping their nets in good fishing order, and when the waters subsided the green moss or slime began to rise from the bottom, so as completely to preclude any further fishing. The porpoises were numerous during the month of June, coming as far up as Campbellton, after they returned seaward there was a better run of salmon, so that with the damaging freshets, and return of the porpoises so far up the estuary, the falling off is in a measure accounted for. The Sunday close time was well observed, and most of the licensees showed their willingness to conform to any new regulations imposed.

### NEW RICHMOND.

*Overseer Cullen* reports a decrease in the catch of salmon, in 1883, 69,372 lbs. were taken, while in 1884 the catch was only 63,616 lbs., or a decrease of 5,756 lbs.; he cannot well account for this falling off, unless it be that bait having been plentiful in the deep water the fish did not strike the shore until after the net fishing season was over. The summer cod fishery in the upper part of the bay was a failure, in fact it is but little prosecuted. The fall cod fishery was good, and had it not been for the rough weather, the quantity taken would have been much larger, as when the boats could go out they made good catches. Mackerel and trout fishing were failures. Spring herring were unusually abundant, the people taking as much as they could handle, for local consumption, export, and manure; when the fishing was abandoned, the bays were still alive with them. Lobster fishing was much better than last year, when only 2,340 lbs. were taken, the yield this year being 69,000 lbs., an increase of 66,660 lbs.

### PORT DANIEL.

*Overseer Phelan* reports the catch of cod as being considerably below that of last year, though still about an average. Most of the boats cross to the New Brunswick side of the bay at Miscou and Pokeshaw. Cod fishing began on the 10th of June. The fall season was rough and stormy, the catch would have been fully as good as last year had the boats been able to get out. Salmon fishing began on the 5th of June and most of the nets were up before the 20th of July. The catch is slightly smaller than last year, the advance in price fully compensated for this deficiency. The general opinion among fishermen was that a week's good fishing was lost by not having the nets out earlier, there was, however, so much drift ice about, that this was impossible. Spring herring were very plentiful and were largely used for manure. Summer herring, usually taken in August and September, were scarce, but in October, fall herring of fine quality were taken abundantly, they were of an unusually large size, and fat. The inhabitants have never been better supplied for the winter

than they are at present. Several American schooners called in Port Daniel bay after mackerel, but none were taken. Capelin struck in on the 10th of June, but only remained a few days. Squid were very abundant during the fall. The lobster fishery was good, 41,370 lbs. were taken in 1883, this season 88,644 lbs. were canned, being an increase of 44,274 lbs., or more than the entire catch of last year. No contravention of the Fisheries Act came under Mr. Phelan's notice this season.

### GASPÉ DIVISION.

#### SALMON FISHERY.

*P. Vibert, Overseer, reports as follows:—*

The ice left Gaspé two weeks earlier than usual, and the navigation was opened the 5th May. Salmon nets set 15th to 20th, and first fish taken 19th May; fishermen were disappointed in the catch, as the fishery was only half of last year's. Some old fishermen consider the large pack of ice, which was jammed to the southward of the Gulf, either kept the fish away or turned many in a different direction. Nearly all the salmon taken were of small size, for instance, at Little Pabos about 200 fish were netted in Mr. X. Tetu's stand, of an average of 10 lbs. each. Total catch, including angling score, was 55,000 lbs, or about half less than last year. Water was very clear in June and many escaped the nets.

#### COD FISHERY.

Cod struck at Percé 6th and 7th June in small quantities. The summer fishing was about half of average years. July was a lost month, owing to easterly gales and fog; from 7th to 22nd the weather was so wet and stormy that men could not get out. At Point St. Peter, in 18 days, twenty-three boats averaged three drafts each. There was no fish in deep water or on the bank towards the middle of July—some who went half a mile outside, in many cases did not feel a bite. Gales of wind during September caused much lost time, and the fall catch was poor. Late in the season some fish was caught, and if it had not been for the sudden advent of wintry weather much more might have been taken. The average per boat may be estimated at forty quintals for summer, and twenty quintals for autumn fishing. The number of vessels cleared at this port with cargoes for the markets, was twenty-five, and five from Percé, besides five ships from Pabos with deals for Messrs. King Bros.

The fish markets were much depressed, owing to the outbreak of cholera in Italian fish ports. In a daily Montreal paper it was stated that a cargo of cod that arrived in Spain, had been sent to Portugal, and would be forwarded to the West Indies.

#### LOBSTER FISHERY.

The number of cans sealed at the five establishments is as follows:

|                   |         |
|-------------------|---------|
| Belle Anse.....   | 22,455  |
| Cape Despair..... | 40,000  |
| Seal Cove.....    | 2,000   |
| Grand Pabos.....  | 21,000  |
| Newport.....      | 25,200  |
|                   | 110,655 |

Being an increase of 18,655 lbs. over last season. Besides, 4,715 cans of spiced salmon were put up by Messrs. Hoeg at Belle Anse. This factory commenced operation on 2nd June and closed 31st July. I visited the cannery 4th and 5th July. About 20,000 lbs. lobsters were delivered during those two days. The general run of lobsters was small. I warned fishermen against taking the small ones and those with eggs attached. All seemed willing to comply with the law. June, being a fine month, was favorable to lobster fishermen, and, so little cod on the grounds, many turned their attention to putting out lobster traps.

Mr. Windsor's establishment, at Grand Pabos, was burnt with all its contents, on 27th June.

#### MACKEREL FISHERY

Proved quite a failure; very few were reported in the bay, and those that came would not bite. It was a great loss to the people, as last year over 500 barrels were caught, and sold well.

#### WHALE FISHERY

Proved a failure owing to rough weather and ice. Captain Tripp was down in the straits in June and July. Anchored for two weeks at one time with gales, easterly wind, and icebergs coming up, some a mile long. Killed four whales altogether which gave 2,000 gallons of oil.

#### ANGLING.

The following is the number of salmon killed with the fly on the four rivers in this division. No anglers at Pabos or Malbaie Rivers.

|                 | Fish.      | Ibs.         |
|-----------------|------------|--------------|
| Dartmouth ..... | 38         | 550          |
| York.....       | 82         | 1,102        |
| St. John.....   | 52         | 829          |
| Grand.....      | 55         | 804          |
|                 | <u>227</u> | <u>3,285</u> |

Three fish caught on the York weighed 31 lbs. each. One at Grand River was 25 lbs.

June and August were not favorable to anglers, the water being too clear in July too wet. Dartmouth River rose about 6½ feet on the 14th July. Considering the small run of salmon there was a fair stock of fish in the rivers.

#### STE. ANNE DES MONTS DIVISION.

Overseer *Létourneau* reports the cod fishery as being slightly below that of last year. The fish only reached that part of the coast in July, none having been taken in June. The fall fishing was good. Towards the end of November they were still abundant; but the north winds, which prevail at that season, prevented any boats from getting out. The salmon fishery has been better than last year, due to an increase in the number of nets. Salmon were abundant on the spawning grounds in the fall, and of large size. A good many salmon were seen in the Cape Chatte River. The fly fishing in the Ste. Anne's River was excellent, and would have been much better had not the water fallen too low for good fishing early in the season. Some very large trout were taken with the fly.

Herring were scarce in the spring but abundant in the fall. Mackerel were scarce but of good quality. One American mackerel schooner called here to repair damages. Capelin were scarce, none having been taken in the western part of this division.

#### GODBOUT DIVISION.

Mr. N. A. Comeau, who was employed this season as special fishery guardian owing to the absence of the regular overseer, reports as follows:—

The season of 1884 has been rather more favorable for salmon than the two preceding years. This increase has been especially noticed on the portion of the coast between Moisie River and Point des Monts, particularly near the latter place, showing an increase of more than one-half the usual catch. Above Point des Monts the net fishing was very poor and salmon seemed to be scarce. In the Godbout River, where ample chances were afforded of observing the numbers of fish entering that

stream, I would say that only about two-thirds the usual quantity were seen. This may have been owing to the high state of the waters all through the season, which would, in a great measure, prevent the fish from being observed as easily as during a low state of the river. In any case there was a great scarcity of salmon in the small rivers of Bescie, Mistassni and English Bay. None were observed in August in the two last mentioned, and in the Bescie about a dozen fish were seen. In the Bersimis River a very insignificant number of salmon were speared by the Indians of the reserve. The fish which used to be so abundant in this fine stream are being gradually exterminated. The Indians lay the blame on the mill-owners for this scarcity, but I cannot help thinking that it is attributable to their own want of forethought in spearing the fish at all seasons, even on their spawning grounds.

Trout appeared to be everywhere tolerably abundant. The catch in the Godbout this season has been an average one. About seven thousand trout were killed. Of this quantity two thirds or more were caught by angling by visiting sportsmen, residents, Indians and others. The balance was caught by seine net by the proprietors.

No mackerel were seen in Godbout Bay this season. The same may be said of cod. This last fish, at one time very abundant here, seems to have deserted its former resorts and for quite a number of years now the fishing has been poor. This last season, however, was still worse, as none could be caught; not even enough for local consumption.

Some attempts were made during the season at Pointe aux Outardes and Manicouagan of creating and opening up a new branch of fishing (for this coast at least). I am speaking here of sturgeon. I am happy to state that I believe these efforts will be successful. For the want of properly made nets and the knowledge required for this particular fishing, only a small number were taken. Sturgeons are very abundant there, and very large ones, some having been caught over twelve feet long. I saw one there myself of ten feet in length. Thirty-four, big and small, were taken in one haul.

At Manicouagan, a resident there, named Thibeau, caught fifteen in his seal nets. While there, in August last, I ascended the Manicouagan river to the falls, and saw several sturgeons on my way. There were also immense numbers of small tommy-cod smelts, and a species of carp or sucker, in the river at the time.

Young herring—or, as they are improperly called, sardines—are very abundant on the banks, and afford food for the great numbers of seals and porpoises to be found on the edge of the shoals, and the estuary of the Manicouagan river. Some years ago Joseph Thibeau had a weir fishery there, in which he caught as much as fifteen barrels of this young herring in one tide.

About two hundred seals were killed or taken with nets by Indians and others during the season of 1884 at Manicouagan. Of the various kinds of seal that occur in the St. Lawrence, and which frequent these shoals during the summer season, I have identified beyond a doubt the following named species, viz.: *Phoca Vitulina*, harbor seal; *Phoca Grœnlandica*, harp or Greenland seal; *Halichærus Grypus*, grey seal, and *Cystophora Cristata*, hooded seal. I am almost certain that *Phoca Fœtida*, fetid seal, occurs here also, but could not secure or see any. The white whale, *Delphinapterus Cetodon*, and the puffing pig, *Beluga Cetodon*, are very numerous, and large herds frequent this vicinity (Manicouagan) all through the summer.

At Point des Monts the seal hunting (I cannot call it fishing), has produced between 450 to 500 seals this year, killed by Indians and resident hunters.

The question will now naturally be asked, what is the cause of the entire absence of mackerel and cod, and the scarcity of salmon above Point des Monts this year? I would say, in reply, that it was due to the almost total absence of bait (caplin and sand eels), caused by the prevalence of westerly winds during the season. This had the effect of creating a continuous surface current of two or three miles per hour, running down along this shore to Point des Monts, where it is turned off to the southward, thereby causing a sort of eddy or flood tide on that portion of the coast below. Bait would naturally be drawn in this immense eddy. Hence the

abundance of bait there, and as a natural consequence salmon, cod, mackerel, &c. more abundant than last season.

#### TRINITY DIVISION.

*Overseer Belanger* reports the early seal fishing about Point des Monts as being good, though the hunters (the seals are killed with the gun) report the winter to have been rough and cold. Twenty-two canoes, manned by two men each, engaged in this hunt during the winter. The salmon catch has been good; fish were very abundant in spite of the freshets, rains and general rough weather; there can be no doubt that had the weather been more favorable the catch would have been much greater. The gentlemen who fished the Trinity River did well; very few trout were taken, the weather was too rough in July to keep out the nets which are mostly fished in exposed places along the coast. The Fishery Regulations concerning these two fisheries were strictly carried out. The cod fishery, which in this division is only prosecuted towards the fall, has been better than last year. In the early part of the Fall the fish kept in very deep water and but few were taken; towards the close of the season, however, they struck in shore and fishermen managed to save their time. Herring were plentiful in the spring, but being of poor quality, few were taken. Mackerel were scarce and none were taken by the local fishermen; 21 barrels were taken in a trap net set at Cawee by Mr. Cunningham.

#### MOISIE DIVISION.

*Overseer Mignault* reports salmon fishing as having commenced at Moisie River on the 21st May. The fishing was good; 4,504 salmon were taken in the river, the total quantity taken in this division amounting to 102,826 lbs. The salmon were of large size; most of the fish were caught in the month of June; from the 5th to the 15th July there were heavy floods in the rivers, which completely put an end to the fishing. Four gentlemen arrived on the 12th of June to fish with the fly in the Moisie river; not being very expert fishermen they only took about 50 salmon. These gentlemen refused to give any returns of the quantity of fish they had taken, alleging that they had only to deal with Mr. Holliday. The cod fishery began on the 1st of July and fish were plentiful, but the rough weather seriously impeded the fishery. Herring were abundant, but the catch was not great, fishermen fearing to keep their nets out on account of the heavy sea and strong tides. In Seven Islands Bay, 297 barrels of mackerel were taken by 16 schooners from Gloucester, Mass., and Nova Scotia. Porpoises were abundant off Moisie and considerable damage and loss was caused to the outside salmon net fishermen by these animals.

#### MINGAN DIVISION.

*Overseer Duguay* reports the summer cod fishery as only middling in the western part of this division, due to the fishermen having lost fully half their time owing to rough and changeable weather. At Dock Creek and Rich Point the fishery was better, as the boats were more often able to put out, and could remain out longer owing to the facilities at these stations for harboring. At Magpie and St. John's River the summer fishing was poor from the same causes as in the west. The fall fishery was about an average; as a rule fish were plenty on the banks when the boats could get out. Salmon fishing was good, the yield being considerably greater than that of 1883. Herring were particularly abundant in the fall, especially about Magpie Bay, and more would have been cured had fishermen been able to procure barrels. The seal fishery from Esquimaux Point was a total failure, the vessels were unable to get into the ice in time to get at the young seals. Four schooners from the point were lost off the east end of Anticosti, fortunately no lives were lost. The summer cod fishery was also a failure at this place. Those who were able to procure suitable boats made a good fall fishery. Only four schooners went down to the Straits for fall herring, two of these vessels returned empty, the other two had about half fares.

## NATASHQUAN DIVISION.

*Overseer Mathurin* reports the spring seal fishery in this division a failure. The summer cod fishery was not up to the usual average, due entirely to rough weather in June and July. At one time in July the boats were ashore for fifteen days in succession. The fall cod fishery was good, as was also the herring fishery, which was the most abundant ever known at Natashquan. Salmon were abundant and the yield from the River Natashquan was greater than for some years.

## WASHEECOOTAI DIVISION.

*Overseer McLeod*, reports that he arrived at Romaine on the 25th May. The spring herring fishery had been a failure, owing to the ice the vessels could not get into Washeecootai Bay when the herring were in considerable abundance. No codfish was taken before the 11th of June, and then only a small quantity. Twenty vessels visited the division for codfishing, but they only took about 30 cwts. among them all. No salmon nets were set before the 1st of July, and no fish was taken before the 15th, when a few were caught in the nets in the estuary of the Romaine. In the Washeecootai, Musquaro and Kegashka Rivers the fishing only began a few days before the end of July. The salmon net fishermen, claim the right of keeping down their nets until the 15th of August, by an order granted by the Department some years ago, but as Mr. McLeod had no knowledge of the existence of this order, he did not allow them to keep down their nets after the close of July. Most of the fishermen who carried on fishing in Kegashka Bay, have abandoned the place and gone to Ontario

## ST. AUGUSTINE DIVISION.

*Overseer Legouve* reports considerable distress in his division, mostly among the old settlers on the coast, who not being fitted for deep water fishing, have done nothing. The general failure in this division, has been caused by the ice and continual gales of east winds. The small catch of salmon is due to the same cause, as many nets were carried away by the ice and other stations were never fished at all. Salmon were very plentiful, and there would have been a good catch had the weather been favorable. The herring fishery was also a complete failure. Mr. Legouve states that the St. Augustine division should be divided and placed under two officers, as it is impossible on account of its extent to guard it effectually. For several seasons back the fishing has been poor, but the moment we have a good fishery, the rush for trap nets for cod will be so great, that it will be impossible for him to keep order.

## BONNE ESPERANCE DIVISION.

*Mr. Whitely* reports the salmon fishery as poor, the fish seemed to be plenty judging from the catch in St. Paul's River, but owing to the ice and sea, the outside were either not set at all, or so damaged by the ice as to be useless. The codfishing began with good prospects, but the continued run of ice out of the in-shore waters and off the banks into deep water. Capelin were very scarce and launce also. Herring and mackerel never put in an appearance at all. Heavy gales of easterly wind prevailed during the season, for fifteen days from the 8th of July, which is usually the height of the fishing season; it blew uninterruptedly a whole gale from the eastward. Prices of salmon and cod are lower than they have been for some years. Newfoundland vessels visited the coast in increased numbers, and were it not for the presence of "La Canadienne" we should have had troublesome times.

## MAGDALEN ISLANDS DIVISION.

*Overseer Chevrier* reports as follows: The fisheries of the islands generally are below the average. The codfishery, especially, has almost entirely failed on the east

and north coasts of the islands, and has been below the average on the south and west coasts. The Labrador codfishery in vessels was a total failure. These poor results are attributable everywhere to the rough weather. All the fishermen agree that they have never experienced so rough a season. The herring and mackerel fisheries have also failed, and for the same reasons, and the same story may be told concerning the spring seal fishery. The vessels could not get out owing to the ice being packed around the islands until well into May. The lobster fishery is the only one that gives an increased return; a much larger number of men and boats were engaged in it, and many more traps were set.

From the foregoing abstracts your Honor will see that, from one end of the gulf to the other comes the same complaint, and that the great falling off in the deep-sea fisheries is attributable solely to the unusual roughness of the season. July is usually the best month for the codfishery, and if a good fishery is made during this month the season is considered safe. During the season just closed, it was the roughest month of the lot, and from the 7th to the 20th it was so stormy that nothing whatever was done. Cod were not scarce, but they remained in deeper water than usual, and the bait kept off shore. As usual, in stormy seasons, the less sheltered stations where the boats have to be hauled ashore, have suffered most. When the boats could be kept afloat in sheltered coves, so that they could get out at once when the storm was over, they always found fish and did well. All this points to the necessity for larger boats that can stand the rough weather, and sheltered harbors, so as to avoid the necessity for hauling boats ashore at the first sign of rough weather. Boats that are sure of making a snug harbor when they return, hang on to the fishing grounds to the last moment, while others that have to be beached must get away in time to pick up their moorings, land their fish and ballast, and be hauled up. This is fatiguing on the men and strains the boats, and when it has to be done once or twice a week, it means not only a great loss of time, but it disheartens and discourages the fishermen, and several days elapse before the less energetic ones can be got afloat again. A good deal of discontent is shown by some of our fishing population against the introduction of trap nets for mackerel. This season we have had five traps licensed, two on the north shore and three on the south. On the south shore I have heard no complaint, but on the north shore petitions have been sent to your Honor against these traps; it has been charged that they destroy a great quantity of young salmon and bait. I confess that I do not share myself in these objections. I visited all these traps, and found no young salmon in any of them. It is true that they pick up a good deal of bait, but this is utilized by the cod fishermen in the vicinity. I do not consider that traps do anything like as much damage as seines. I believe that mackerel, herring and cod run no risk of being overfished by any quantity that men can catch; but I do believe that we may drive them out off our bays and off our coasts by disturbing them with the seine and jig. The trap net does not do this; it fishes quietly and silently, and does not alarm or shy the fish. In certain situations they may take young salmon; and I would certainly not license a trap to be set a second time in any cove where I was sure that young salmon would be taken. This is the first season that mackerel traps have been set in my division. They are very costly affairs to procure and set, and the license fee itself is high. They did nothing whatever this year, and have caused great loss to their owners; they will be tried again next season, and should they not be more successful we will not be likely to have any more trouble with them, as they will surely be abandoned. We have had no experience of them on this coast, but they have been in use for some years about the coast of Nova Scotia, and your fishery officers in that Province should by this time be able to say whether they are really as destructive as those who are opposed to them here make out.

I have the honor to be, Sir,

Your obedient servant,

W. WAKEHAM.

Fishery Officer in command of *La Canadienne*.



RETURN showing Number and Value of Vessels, Boats, Nets, &c., in the County of the Province of Quebec,

RISTIGOUCHE SUBDIVISION

| NAME OF PLACE.                   | VESSELS. |       |        |                 | FISHING BOATS. |        | FLAT BOATS. |        | No. of Fishermen. | No. of Shoremen. | Salmon Nets. |        |        |
|----------------------------------|----------|-------|--------|-----------------|----------------|--------|-------------|--------|-------------------|------------------|--------------|--------|--------|
|                                  | No.      | Tons. | Value. | No. of Sailors. | No.            | Value. | No.         | Value. |                   |                  | No.          | Yards. | Value. |
|                                  |          |       |        |                 |                |        |             |        |                   |                  |              |        |        |
| <i>County of Bonaventure.</i>    |          |       |        |                 |                |        |             |        |                   |                  |              |        |        |
| Twenty-two salmon fisheries..... |          |       |        |                 |                |        |             | 22     | 220               | 22               | 26           | 7700   | 3850   |

NEW RICHMOND SUBDIVISION

|                                    |    |      |        |     |      |       |     |      |     |      |      |       |       |
|------------------------------------|----|------|--------|-----|------|-------|-----|------|-----|------|------|-------|-------|
| Magnasha .....                     |    |      |        | 3   | 150  | 12    | 96  | 28   | 60  | 1387 | 700  |       |       |
| Nouvelle .....                     |    |      |        | 4   | 200  | 13    | 130 | 30   | 10  | 23   | 690  | 345   |       |
| *Carleton .....                    |    |      |        | 9   | 360  | 30    | 300 | 45   | 25  | 182  | 5292 | 2646  |       |
| Maria .....                        |    |      |        | 12  | 480  | 35    | 350 | 44   | 26  | 259  | 9110 | 4555  |       |
| New Richmond and Black Capes ..... |    |      |        | 6   | 300  | 20    | 200 | 20   | 15  | 166  | 4066 | 2000  |       |
| Capelin.....                       |    |      |        | 20  | 1000 | 35    | 350 | 55   | 45  | 7    | 350  | 175   |       |
| Big and Little Bonaventure .....   |    |      |        | 60  | 4660 | 75    | 750 | 140  | 80  | 14   | 360  | 180   |       |
| New Carlisle.....                  |    |      |        | 8   | 400  | 15    | 150 | 20   | 15  |      |      |       |       |
| Paspebiac .....                    | 41 | 4340 | 200560 | 249 | 60   | 3000  | 70  | 700  | 120 | 130  |      |       |       |
| Totals .....                       | 41 | 4340 | 200560 | 249 | 182  | 10550 | 305 | 3026 | 502 | 346  | 711  | 21255 | 10601 |

\* Also one mackerel trap, value \$400.

PORT DANIEL SUBDIVISION

|                        |  |  |  |     |      |     |      |     |    |      |      |  |
|------------------------|--|--|--|-----|------|-----|------|-----|----|------|------|--|
| Paspebiac .....        |  |  |  | 15  | 820  | 10  | 100  | 44  |    |      |      |  |
| Nouvelle .....         |  |  |  | 40  | 1600 | 12  | 120  | 80  |    |      |      |  |
| Shegawak .....         |  |  |  | 10  | 280  | 5   | 60   | 25  |    |      |      |  |
| Point Loup-Marin ..... |  |  |  | 3   | 75   | 36  | 350  | 42  |    |      |      |  |
| Port Daniel Bay .....  |  |  |  | 42  | 1440 | 18  | 160  | 100 | 12 | 3614 | 1335 |  |
| L'Anse à la Barbe..... |  |  |  | 28  | 1000 | 13  | 90   | 55  | 1  | 140  | 65   |  |
| L'Anse au Gascon ..... |  |  |  | 65  | 2600 | 20  | 200  | 135 | 1  | 120  | 40   |  |
| Totals .....           |  |  |  | 201 | 7815 | 114 | 1080 | 481 | 14 | 3874 | 1440 |  |

TOTAL FOR COUNTY

|                              |    |      |        |     |      |       |      |      |      |      |      |       |       |
|------------------------------|----|------|--------|-----|------|-------|------|------|------|------|------|-------|-------|
| Ristigonche Subdivision..... |    |      |        |     |      | 22    | 220  | 22   | 26   | 7700 | 3850 |       |       |
| *New Richmond do .....       | 41 | 4340 | 200560 | 249 | 182  | 10550 | 305  | 3026 | 502  | 346  | 711  | 21255 | 10601 |
| Port Daniel do .....         |    |      |        | 201 | 7815 | 114   | 1080 | 481  | 14   | 3874 | 1440 |       |       |
| Totals .....                 | 41 | 4340 | 200560 | 249 | 383  | 18365 | 441  | 4326 | 1006 | 346  | 751  | 32829 | 15691 |

\* Also one trap net, value \$400.

Bonaventure, extending from Head of Tide, Ristigouche, to Point Maquereau, in for the Year 1884.

(Head of Tide to Maguasha).

NETS AND SEINES.

| Cod Seines. |        |        | Herring Seines. |        |        | Herring Nets. |        |        | Mackerel Nets. |        |        | Capelin Seines. |        |        | Brush Fisheries. |        |
|-------------|--------|--------|-----------------|--------|--------|---------------|--------|--------|----------------|--------|--------|-----------------|--------|--------|------------------|--------|
| No.         | Yards. | Value. | No.             | Yards. | Value. | No.           | Yards. | Value. | No.            | Yards. | Value. | No.             | Yards. | Value. | No.              | Value. |
|             |        | \$     |                 |        | \$     |               |        | \$     |                |        | \$     |                 |        | \$     |                  | \$     |

(Maguasha to Paspebiac Point).

|       |       |       |       |       |       |     |       |      |     |      |      |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-----|-------|------|-----|------|------|-------|-------|-------|-------|-------|
| ..... | ..... | ..... | ..... | ..... | ..... | 30  | 885   | 250  | 5   | 160  | 60   | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | 20  | 600   | 180  | 8   | 250  | 100  | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | 4     | 400   | 200   | 60  | 2400  | 720  | 20  | 700  | 250  | ..... | ..... | ..... | 1     | 10    |
| ..... | ..... | ..... | ..... | ..... | ..... | 70  | 2620  | 840  | 20  | 720  | 240  | 1     | 40    | 36    | 12    | 120   |
| ..... | ..... | ..... | ..... | ..... | ..... | 40  | 1600  | 600  | 10  | 380  | 200  | ..... | ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | 50  | 1800  | 600  | 15  | 645  | 300  | 7     | 280   | 252   | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | 110 | 3740  | 1320 | 60  | 1410 | 720  | 25    | 1000  | 900   | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | 20  | 760   | 240  | 6   | 216  | 72   | 8     | 320   | 280   | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | 60  | 2100  | 720  | 55  | 1975 | 650  | 17    | 680   | 612   | ..... | ..... |
| ..... | ..... | ..... | 4     | 400   | 200   | 460 | 16505 | 5470 | 199 | 6456 | 2592 | 58    | 2320  | 2080  | 13    | 130   |

(Paspebiac Point to Point Maquereau).

|       |       |       |       |       |       |     |       |      |       |       |       |    |      |      |       |       |
|-------|-------|-------|-------|-------|-------|-----|-------|------|-------|-------|-------|----|------|------|-------|-------|
| ..... | ..... | ..... | ..... | ..... | ..... | 40  | 1500  | 400  | ..... | ..... | ..... | 8  | 350  | 160  | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | 80  | 2800  | 800  | ..... | ..... | ..... | 12 | 1240 | 240  | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | 60  | 2400  | 600  | ..... | ..... | ..... | 3  | 120  | 60   | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | 60  | 2400  | 600  | ..... | ..... | ..... | 4  | 160  | 80   | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | 105 | 3700  | 1050 | ..... | ..... | ..... | 6  | 240  | 150  | ..... | ..... |
| ..... | ..... | ..... | ..... | ..... | ..... | 50  | 2000  | 500  | ..... | ..... | ..... | 2  | 80   | 60   | ..... | ..... |
| 1     | 108   | 80    | ..... | ..... | ..... | 100 | 4000  | 1000 | ..... | ..... | ..... | 12 | 500  | 330  | ..... | ..... |
| 1     | 108   | 80    | ..... | ..... | ..... | 495 | 18800 | 4950 | ..... | ..... | ..... | 47 | 2690 | 1080 | ..... | ..... |

OF BONAVENTURE.

|       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1     | 108   | 80    | 4     | 400   | 200   | 460   | 16505 | 5470  | 199   | 6456  | 2592  | 58    | 2320  | 2080  | 13    | 130   |
| ..... | ..... | ..... | ..... | ..... | ..... | 495   | 18800 | 4950  | ..... | ..... | ..... | 47    | 2690  | 1080  | ..... | ..... |
| 1     | 108   | 80    | 4     | 400   | 200   | 955   | 35305 | 10420 | 199   | 6456  | 2592  | 105   | 5010  | 3160  | 13    | 130   |

RETURN showing Number and Value of Vessels, Boats, Nets, &c., in the County of Gaspé, extending from Point Maquereau to Cape Chatte, in the Province of Quebec, for the Year 1884.

GASPÉ SUBDIVISION (Point Maquereau to Cape Gaspé.)

| NAME OF PLACE.                             | VESSELS. |       |        | FISHING BOATS.  |     | FLAT BOATS. |     | No. of Fishermen. |                   | No. of Shoremen. |              | NETS AND SEINES. |                 |        |     |    |
|--|----------|-------|--------|-----------------|-----|-------------|-----|-------------------|-------------------|------------------|--------------|------------------|-----------------|--------|-----|----|
|  | No.      | Tons. | Value. | No. of Sailors. | No. | Value.      | No. | Value.            | No. of Fishermen. | No. of Shoremen. | Salmon Nets. |                  | Herring Seines. |        |     |    |
|  |          |       |        |                 |     |             |     |                   |                   |                  | No.          | Value.           | No.             | Value. |     |    |
| <i>County of Gaspé.</i>                    |          |       |        |                 |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Newport and Anse aux Canards.....          |          |       |        |                 |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Grand Pabos.....                           |          |       |        |                 |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Little Pabos and Anse au Basque.....       |          |       |        |                 |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Little River, West.....                    |          |       |        |                 |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Grand River.....                           |          |       |        |                 |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Little River, East.....                    |          |       |        |                 |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Cape Despair.....                          |          |       |        |                 |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Cape Cove.....                             |          |       |        |                 |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Anse au Beaufils.....                      |          |       |        |                 |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Bonaventure Island.....                    |          |       |        |                 |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Percé.....                                 |          |       |        |                 |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Corner of Beach and Cannes des Roches..... | 2        | 103   | 2300   | 8               |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Barachois, Malbate and Belle Anse.....     | 2        | 98    | 2700   | 7               |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Point St. Peter.....                       | 2        | 111   | 2350   | 11              |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Chien Blanc.....                           |          |       |        |                 |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Douglastown and Bois Brule.....            | 1        | 80    | 2000   | 5               |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Sandy Beach.....                           | 4        | 245   | 9100   | 20              |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Gaspé Basin and South-West.....            | 6        | 324   | 11850  | 21              |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| North-West Bay and River.....              | 1        | 65    | 2100   | 6               |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Cape aux Os and Peninsula.....             | 1        | 50    | 700    | 4               |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Little Gaspé and Seal Rock.....            |          |       |        |                 |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Grande Grève and George's Cove.....        | 4        | 236   | 10600  | 19              |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Indian Cove and Ship Head.....             | 1        | 66    | 1000   | 6               |     |             |     |                   |                   |                  |              |                  |                 |        |     |    |
| Totals.....                                | 28       | 1378  | 44550  | 105             | 733 | 38661       | 574 | 4973              | 1619              | 676              | 92           | 21738            | 6977            | 1      | 160 | 50 |

RETURN showing Number and Value of Vessels, Boats, Nets, &c., in the County of Gaspé, &c.—Continued.  
 GASPE SUBDIVISION (Point Maquereau to Cape Gaspé)—Concluded.

| NAME OF PLACE.                             | NETS AND SEINES. |        |                  |       |                |        |                 |        |               |       |            |        |                  |        |     |
|--|------------------|--------|------------------|-------|----------------|--------|-----------------|--------|---------------|-------|------------|--------|------------------|--------|-----|
|  | Herring Nets.    |        | Mackerel Seines. |       | Mackerel Nets. |        | Capelin Seines. |        | Lance Seines. |       | Seal Nets. |        | Brush Fisheries. |        |     |
|  | No.              | Yards. | Value.           | No.   | Yards.         | Value. | No.             | Yards. | Value.        | No.   | Yards.     | Value. | No.              | Value. |     |
| Newport and Anse aux Canards.....          | 211              | 8612   | 2.20             | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Grand Pabos.....                           | 59               | 2339   | 642              | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Little Pabos and Anse au Basque.....       | 91               | 3681   | 1074             | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Little River, West.....                    | 30               | 1108   | 294              | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Grand River.....                           | 214              | 6982   | 2506             | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Little River, East.....                    | 77               | 3024   | 681              | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Cape Despair.....                          | 41               | 1610   | 388              | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Cape Cove.....                             | 107              | 4380   | 933              | 1     | 150            | 30     | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Anse au Beaufils.....                      | 29               | 1160   | 376              | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Bonaventure Island.....                    | 48               | 1730   | 310              | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Percé.....                                 | 203              | 6888   | 1980             | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Corner of Beach and Cannes des Roches..... | 26               | 1020   | 356              | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Barachois, Malbaie and Belle Anse.....     | 20               | 800    | 240              | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Point St. Peter.....                       | 150              | 5166   | 1426             | 6     | 216            | 52     | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Chien Blanc.....                           | 40               | 1400   | 480              | 1     | 40             | 14     | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Douglastown and Bois Brule.....            | 22               | 830    | 225              | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| *Sandy Beach.....                          | 5                | 208    | 58               | 8     | 284            | 87     | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Gaspé Basin and South-West.....            | 2                | 80     | 15               | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| North-West Bay and River.....              | 3                | 120    | 22               | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Cape aux Os and Peninsula.....             | 22               | 900    | 229              | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Little Gaspé and Seal Rock.....            | 12               | 468    | 135              | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Grande Grève and St. George's Cove.....    | 40               | 1686   | 654              | 2     | 320            | 525    | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Indian Cove and Ship Head.....             | 45               | 1701   | 603              | ..... | .....          | .....  | .....           | .....  | .....         | ..... | .....      | .....  | .....            | .....  |     |
| Totals.....                                | 1500             | 55893  | 15609            | 3     | 470            | 555    | 56              | 2077   | 602           | 76    | 3758       | 2267   | 12               | 566    | 563 |
|  |                  |        |                  |       |                |        |                 |        |               |       |            |        | 1                | 40     | 5   |

\* 2 trap nets, value, \$760.

RETURN showing the Number and Value of Vessels, Boats, Nets, &c., in the County of Gaspé, &c.—Continued.  
MAGDALEN RIVER SUBDIVISION (Cape Gaspé to Claude River).

| NAME OF PLACE.                              | VESSELS. |       |        | FISHING BOATS.  |     | FLAT BOATS. |              | No. of Fishermen. | No. of Shoremen. | NETS AND SEINES. |        |        |  |
|---|----------|-------|--------|-----------------|-----|-------------|--------------|-------------------|------------------|------------------|--------|--------|--|
|   | No.      | Tons. | Value. | No. of Sailors. | No. | Value.      | Salmon Nets. |                   |                  | Herring Seines.  |        |        |  |
|   |          |       |        |                 |     |             | Yards.       |                   |                  | Value.           | Yards. | Value. |  |
| Cap des Rosiers.....                        |          |       | \$     |                 |     | \$          |              | 43                | 30               |                  |        |        |  |
| L'Anse à Louise.....                        |          |       | 1140   |                 | 45  | 360         |              | 24                | 24               |                  |        |        |  |
| Three Runs and Jersey Cove.....             |          |       | 840    |                 | 28  | 224         |              | 52                | 24               |                  |        |        |  |
| Anse à Grisfonds.....                       |          |       | 525    |                 | 30  | 240         |              | 55                | 25               |                  |        |        |  |
| Anse à Fougère.....                         |          |       | 2000   |                 | 50  | 400         |              | 100               | 55               |                  |        |        |  |
| Fox River.....                              |          |       | 175    |                 | 7   | 56          |              | 12                | 5                |                  |        |        |  |
| Little Fox River.....                       |          |       | 2200   |                 | 55  | 440         |              | 110               | 60               |                  |        |        |  |
| Little Cape.....                            |          |       | 490    |                 | 14  | 112         |              | 28                | 15               |                  |        |        |  |
| Echourie an i Grande Anse.....              |          |       | 420    |                 | 12  | 96          |              | 24                | 12               |                  |        |        |  |
| Pointe Jaune.....                           |          |       | 210    |                 | 15  | 120         |              | 21                | 12               |                  |        |        |  |
| Anse à Veleau.....                          |          |       | 315    |                 | 9   | 72          |              | 18                | 9                |                  |        |        |  |
| Grande Etang.....                           |          |       | 150    |                 | 5   | 40          |              | 20                | 2                |                  |        |        |  |
| Pointe Sèche.....                           |          |       | 360    |                 | 14  | 112         |              | 16                | 3                |                  |        |        |  |
| Big and Little Chlorydorme.....             |          |       | 600    |                 | 15  | 120         |              | 31                | 10               |                  | 60     |        |  |
| Little Anse.....                            |          |       | 210    |                 | 6   | 48          |              | 12                | 12               |                  |        |        |  |
| Frigate Point.....                          |          |       | 300    |                 | 7   | 56          |              | 17                | 5                |                  |        |        |  |
| Little Vallée.....                          |          |       | 300    |                 | 6   | 48          |              | 16                | 5                |                  |        |        |  |
| Anse à Collin and Anse à Mercier.....       |          |       | 240    |                 | 6   | 48          |              | 13                | 13               |                  |        |        |  |
| Grande Vallée.....                          |          |       | 450    |                 | 15  | 360         |              | 28                | 10               |                  | 75     |        |  |
| Grande Anse.....                            |          |       | 120    |                 | 3   | 36          |              | 6                 | 6                |                  |        |        |  |
| Magdalen River and Cap à L'Ours.....        |          |       | 540    |                 | 15  | 120         |              | 30                | 10               |                  | 100    |        |  |
| Little Magdalen.....                        |          |       | 150    |                 | 2   | 16          |              | 7                 | 3                |                  |        |        |  |
| Manche D'Épée.....                          |          |       | 450    |                 | 7   | 56          |              | 25                | 3                |                  |        |        |  |
| Gros Mûle.....                              |          |       | 240    |                 | 7   | 56          |              | 10                | 10               |                  | 50     |        |  |
| Ruisseau des Olives and Anse Pleureuse..... |          |       | 450    |                 | 12  | 96          |              | 27                | 5                |                  | 100    |        |  |
| Mont Louis.....                             |          |       | 960    |                 | 25  | 200         |              | 60                | 20               |                  | 50     |        |  |
| Claude River and Rivière à Pierre.....      |          |       | 720    |                 | 20  | 160         |              | 30                | 5                |                  | 50     |        |  |
| Totals.....                                 | 456      | 14855 |        |                 | 436 | 3608        |              | 821               | 320              | 9                | 950    | 485    |  |

RETURN showing the Number and Value of Vessels, Boats, Nets, &c., in the County of Gaspé, &c.—Continued.  
MAGDALEN RIVER SUBDIVISION (Ospe Gaspé to Olande River).

NETS AND SEINES.

NAME OF PLACE.

|   | Herring Nets. |        |        | Mackerel Seines. |        |        | Mackerel Nets. |        |        | Capelin Seines. |        |        | Lance Seines. |        |        | Seal Nets. |        |        | Brush Fisheries |        |
|---|---------------|--------|--------|------------------|--------|--------|----------------|--------|--------|-----------------|--------|--------|---------------|--------|--------|------------|--------|--------|-----------------|--------|
|   | No.           | Yards. | Value. | No.              | Yards. | Value. | No.            | Yards. | Value. | No.             | Yards. | Value. | No.           | Yards. | Value. | No.        | Yards. | Value. | No.             | Value. |
| Cap des Rosiers .....                       | 43            | 1720   | 576    | .....            | .....  | .....  | 3              | 150    | 30     | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| L'Anse à Louise.....                        | 52            | 2080   | 634    | .....            | .....  | .....  | 2              | 110    | 20     | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Three Runs and Jersey Cove.....             | 55            | 2200   | 660    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Anse à Grisfonds.....                       | 100           | 4000   | 1500   | .....            | .....  | .....  | 3              | 150    | 30     | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Anse à Fougère.....                         | 12            | 480    | 144    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Fox River.....                              | 130           | 6500   | 2600   | .....            | .....  | .....  | 4              | 200    | 40     | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Little Fox River.....                       | 28            | 1260   | 336    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Little Cape.....                            | 24            | 960    | 288    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Echorie and Grande Anse.....                | 21            | 840    | 252    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Point jaune.....                            | 18            | 720    | 216    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Anse à Valeau.....                          | 16            | 640    | 200    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Grand Stang.....                            | 10            | 400    | 150    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Point Séche.....                            | 30            | 1200   | 420    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Big and Little Ohlydorme.....               | 40            | 1600   | 500    | .....            | .....  | .....  | 2              | 80     | 40     | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Little Anse.....                            | 14            | 560    | 200    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Frigate Point.....                          | 23            | 920    | 365    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Little Vallée.....                          | 20            | 800    | 280    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Anse à Collin and Anse à Mercier.....       | 16            | 640    | 230    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Little Vallée.....                          | 40            | 1600   | 500    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Grande Anse.....                            | 6             | 240    | 84     | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Magdalen River and Cap à L'Ours.....        | 30            | 1200   | 420    | .....            | .....  | .....  | 3              | 120    | 60     | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Little Magdalen.....                        | 8             | 320    | 112    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Manche D'Epée.....                          | 25            | 1000   | 400    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Gros Mâle.....                              | 16            | 640    | 210    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Ruisseau des Olives and Anse Pleureuse..... | 20            | 800    | 280    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Mont Louis.....                             | 75            | 3000   | 1000   | .....            | .....  | .....  | 4              | 160    | 80     | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Claude River and Rivière à Pierre.....      | 47            | 1880   | 600    | .....            | .....  | .....  | .....          | .....  | .....  | .....           | .....  | .....  | .....         | .....  | .....  | .....      | .....  | .....  | .....           | .....  |
| Totals.....                                 | 919           | 38200  | 13117  | 1                | 200    | 150    | 21             | 970    | 300    | 18              | 1020   | 785    | 1             | 70     | 80     | .....      | .....  | .....  | .....           | .....  |

Return showing the Number and Value of Vessels, Boats, Nets, &c., in the County of Gaspé, &c.—Concluded.  
 STE. ANNE DE MONTS SUBDIVISION (River Claude to Cape Chatte).

| NAME OF PLACE.    | VESSELS. |       |        | FISHING BOATS. |        | FLAT BOATS. |        | No. of Fishermen. |        | No. of Shoremen. |        | NETS AND SHINES. |        |                 |        |
|-------------------|----------|-------|--------|----------------|--------|-------------|--------|-------------------|--------|------------------|--------|------------------|--------|-----------------|--------|
|                   | No.      | Tons. | Value. | No.            | Value. | No.         | Value. | No.               | Value. | No.              | Value. | Salmon Nets.     |        | Herring Shines. |        |
|                   |          |       |        |                |        |             |        |                   |        |                  |        | Yards.           | Value. | Yards.          | Value. |
| *Ste. Anne.....   | 3        | 186   | 6600   | 88             | 4160   | 70          | 1043   | 164               | 27     | 4                | 516    | 146              |        |                 |        |
| †Cape Chatte..... | 1        | 45    | 600    | 37             | 1850   | 40          | 480    | 72                | 9      | 5                | 370    | 140              |        |                 |        |
| Totals.....       | 4        | 231   | 7200   | 120            | 6010   | 110         | 1523   | 236               | 36     | 9                | 886    | 286              |        |                 |        |

\* 3 trout nets, 143 yards, value \$27. † 4 trout nets, 144 yards, value \$30.

MAGDALEN ISLANDS SUB-DIVISION.

|                        |    |     |       |     |      |       |     |      |     |     |  |  |    |      |      |
|------------------------|----|-----|-------|-----|------|-------|-----|------|-----|-----|--|--|----|------|------|
| Amherst Island.....    | 6  | 180 | 6000  | 24  | 106  | 3173  | 58  | 500  | 242 | 72  |  |  | 8  | 1150 | 850  |
| Grindstone Island..... |    |     |       |     | 83   | 6075  | 82  | 738  | 208 | 80  |  |  | 4  | 640  | 300  |
| Allright Island.....   | 19 | 765 | 16000 | 95  | 2350 | 59    | 832 | 205  | 107 |     |  |  | 2  | 400  | 300  |
| Bryon Island.....      |    |     |       |     | 20   | 500   | 10  | 130  | 46  | 8   |  |  |    |      |      |
| Entry Island.....      |    |     |       |     | 2    | 40    | 1   | 9    | 5   |     |  |  |    |      |      |
| Totals.....            | 25 | 945 | 21000 | 119 | 304  | 12038 | 240 | 2189 | 706 | 267 |  |  | 14 | 2190 | 1550 |

TOTAL FOR THE COUNTY OF GASPE.

|                                  |    |      |       |     |      |       |      |       |      |      |     |       |      |    |      |      |
|----------------------------------|----|------|-------|-----|------|-------|------|-------|------|------|-----|-------|------|----|------|------|
| Gaspé Sub-division.....          | 23 | 1378 | 44550 | 105 | 733  | 38561 | 574  | 4973  | 1619 | 676  | 92  | 21728 | 6977 | 1  | 160  | 50   |
| Magdalen River Sub-division..... |    |      |       |     | 456  | 14855 | 436  | 3508  | 821  | 320  | 9   | 960   | 485  |    |      |      |
| Ste. Anne's River do.....        | 4  | 231  | 7200  | 16  | 120  | 6010  | 110  | 1523  | 236  | 36   | 9   | 886   | 286  |    |      |      |
| Magdalen Islands do.....         | 25 | 945  | 21000 | 119 | 304  | 12038 | 240  | 2189  | 706  | 267  |     |       |      | 14 | 2190 | 1550 |
| Grand Totals.....                | 52 | 2654 | 72750 | 240 | 1613 | 71464 | 1360 | 12193 | 3892 | 1299 | 110 | 23664 | 7748 | 15 | 2350 | 1600 |

RETURN showing the Number and Value of Vessels, Boats, Nets, &c., in the County of Gaspé, &c.—*Concluded.*  
 STE. ANNE DE MONTS SUB-DIVISION (River Claude to Cape Châtel).

NETS AND SEINERS.

| NAME OF PLACE.   | Herring Nets. |        | Mackerel Seines. |         | Mackerel Nets. |        | Capelin Seines. |         | Lance Seines. |        | Seal Nets. |        | Brush Fisheries |        |
|------------------|---------------|--------|------------------|---------|----------------|--------|-----------------|---------|---------------|--------|------------|--------|-----------------|--------|
|                  | No.           | Yards. | No.              | Value.  | No.            | Value. | No.             | Value.  | No.           | Value. | No.        | Value. | No.             | Value. |
| Ste. Anne.....   | 87            | 3480   | .....            | \$ 1740 | .....          | .....  | 2               | 158 91  | 2             | 33 56  | .....      | .....  | 3               | 50     |
| Cape Châtel..... | 26            | 1040   | 1                | 60 44   | .....          | .....  | 1               | 90 50   | .....         | .....  | .....      | .....  | 4               | 60     |
| Totals.....      | 112           | 4520   | 1                | 60 44   | .....          | .....  | 3               | 248 141 | 2             | 33 56  | .....      | .....  | 7               | 110    |

MAGDALEN ISLANDS SUB-DIVISION.

|                        |     |       |       |      |       |       |            |       |       |       |       |       |       |       |
|------------------------|-----|-------|-------|------|-------|-------|------------|-------|-------|-------|-------|-------|-------|-------|
| Amherst Island.....    | 179 | 6882  | ..... | 1879 | ..... | 673   | 26886 6798 | ..... | ..... | ..... | ..... | 26    | 1500  | 250   |
| Grindstone Island..... | 53  | 2090  | ..... | 648  | ..... | 60    | 2400 600   | ..... | ..... | ..... | ..... | 60    | 3000  | 600   |
| Allright Island.....   | 40  | 1200  | ..... | 540  | ..... | 72    | 2180 1030  | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Bryon Island.....      | 6   | 240   | ..... | 90   | ..... | ..... | .....      | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Entry Island.....      | 2   | 60    | ..... | 24   | ..... | 5     | 150 60     | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Totals.....            | 280 | 10472 | ..... | 3122 | ..... | 810   | 31616 8488 | ..... | ..... | ..... | ..... | 85    | 4500  | 850   |

TOTAL FOR THE COUNTY OF GASPE.

|                                  |      |        |       |         |       |            |            |           |       |       |       |       |       |       |
|----------------------------------|------|--------|-------|---------|-------|------------|------------|-----------|-------|-------|-------|-------|-------|-------|
| *Gaspé Sub-division.....         | 1500 | 58983  | 3     | 470 555 | 56    | 2077 602   | 76         | 3758 8267 | 12    | 566   | 563   | 1     | 40    | 5     |
| Magdalen River Sub-division..... | 919  | 38200  | 1     | 200 160 | 21    | 970 300    | 18         | 1020 785  | 1     | 70 80 | ..... | ..... | ..... | ..... |
| †Ste. Anne's River.....          | 112  | 4520   | 1     | 60 44   | ..... | .....      | 3          | 248 141   | 2     | 33 56 | ..... | ..... | ..... | 7 110 |
| Magdalen Islands.....            | 280  | 10472  | ..... | 3122    | ..... | 810        | 31616 8488 | .....     | ..... | ..... | ..... | 85    | 4500  | 850   |
| Grand Totals.....                | 3811 | 109085 | 5     | 730 749 | 887   | 34063 9390 | 97         | 6026 3193 | 15    | 689   | 699   | 86    | 4540  | 855   |

\* 2 trawl nets, 780 yards, value \$760. † 7 trout nets, 285 yards, value \$57.



RETURN showing Number and Value of Vessels, Boats, Nets, &c., in the County of  
for the

GODBOUT SUBDIVISION

| NAME OF PLACE.          | VESSELS. |           |            |                 | FISHING BOATS. |            | FLAT BOATS. |            | No. of Fishermen. | No. of Shoremen. | Salmon Nets. |             |            | Cod Seines.  |          |        |     |
|-------------------------|----------|-----------|------------|-----------------|----------------|------------|-------------|------------|-------------------|------------------|--------------|-------------|------------|--------------|----------|--------|-----|
|                         | No.      | Tons.     | Value.     | No. of Sailors. | No.            | Value.     | No.         | Value.     |                   |                  | No.          | Yards.      | Value.     | No.          | Yards.   | Value. | No. |
|                         |          |           |            |                 |                |            |             |            |                   |                  |              |             |            |              |          |        |     |
| <i>Co. of Saguenay.</i> |          |           | \$         |                 |                | \$         |             | \$         |                   |                  | \$           |             |            | \$           |          |        |     |
| Manicouagan.....        | 1        | 20        | 240        | 2               | 1              | 70         | 1           | 20         | 3                 | .....            | 2            | 200         | 345        | .....        | .....    |        |     |
| Point aux Outardes      | 1        | 5         | 80         | 2               | 3              | 60         | 2           | 35         | 3                 | .....            | .....        | .....       | .....      | .....        | .....    |        |     |
| Mistassini .....        | .....    | .....     | .....      | .....           | .....          | .....      | .....       | 15         | 2                 | .....            | .....        | .....       | .....      | .....        | .....    |        |     |
| Godbout .....           | .....    | .....     | .....      | .....           | 8              | 280        | 5           | 106        | 5                 | .....            | 6            | 730         | 365        | .....        | 1        |        |     |
| Point de Monts .....    | .....    | .....     | .....      | .....           | 4              | 116        | .....       | .....      | 4                 | .....            | 5            | 400         | 200        | .....        | .....    |        |     |
| <b>Totals.....</b>      | <b>2</b> | <b>25</b> | <b>320</b> | <b>4</b>        | <b>16</b>      | <b>526</b> | <b>9</b>    | <b>176</b> | <b>17</b>         | <b>.....</b>     | <b>13</b>    | <b>1330</b> | <b>910</b> | <b>.....</b> | <b>1</b> |        |     |

TRINITY SUBDIVISION

|                        |           |            |             |           |           |             |           |            |            |              |           |             |            |          |            |           |
|------------------------|-----------|------------|-------------|-----------|-----------|-------------|-----------|------------|------------|--------------|-----------|-------------|------------|----------|------------|-----------|
| Point de Monts.....    | .....     | .....      | .....       | .....     | 1         | 60          | 1         | 18         | 2          | .....        | .....     | .....       | .....      | .....    | .....      |           |
| Trinity Bay .....      | 2         | 10         | 290         | 2         | 1         | 18          | 7         | 78         | 3          | .....        | 12        | 1520        | 430        | .....    | .....      |           |
| Petit Mal.....         | 4         | 51         | 1550        | 10        | 10        | 361         | 10        | 47         | 20         | .....        | 3         | 240         | 70         | .....    | .....      |           |
| Islets à Caribou ..... | 1         | 5          | 100         | 3         | 34        | 522         | 6         | 60         | 68         | .....        | 3         | 300         | 85         | .....    | .....      |           |
| Egg Island .....       | 4         | 87         | 1915        | 28        | 8         | 148         | 4         | 45         | 16         | .....        | .....     | .....       | .....      | .....    | .....      |           |
| English Bay .....      | .....     | .....      | .....       | .....     | 15        | 395         | 11        | 70         | 30         | .....        | .....     | .....       | .....      | .....    | .....      |           |
| Penticost.....         | 4         | 181        | 5100        | 16        | 10        | 266         | 14        | 115        | 18         | .....        | .....     | .....       | 1          | 150      | 15         |           |
| Cailles Rouges .....   | 1         | 10         | 200         | 5         | 8         | 365         | 9         | 67         | 16         | .....        | .....     | .....       | .....      | .....    | .....      |           |
| Oawees.....            | .....     | .....      | .....       | .....     | .....     | .....       | .....     | .....      | .....      | .....        | .....     | .....       | .....      | .....    | .....      |           |
| <b>Totals.....</b>     | <b>16</b> | <b>344</b> | <b>9155</b> | <b>63</b> | <b>87</b> | <b>2135</b> | <b>62</b> | <b>500</b> | <b>173</b> | <b>.....</b> | <b>18</b> | <b>2060</b> | <b>585</b> | <b>1</b> | <b>150</b> | <b>15</b> |

MOISIE SUBDIVISION

|                         |          |            |             |           |           |             |           |            |            |           |           |             |             |              |              |
|-------------------------|----------|------------|-------------|-----------|-----------|-------------|-----------|------------|------------|-----------|-----------|-------------|-------------|--------------|--------------|
| Jambons .....           | 4        | 66         | 1800        | 14        | 20        | 760         | 17        | 116        | 40         | 2         | .....     | .....       | .....       | .....        | .....        |
| Riv. Ste. Marguerite    | .....    | .....      | .....       | .....     | 4         | 120         | 6         | 37         | 8          | .....     | 5         | 350         | 350         | .....        | .....        |
| Seven Islands .....     | 1        | 18         | 800         | 4         | 16        | 805         | 24        | 225        | 32         | 4         | 3         | 1150        | 1015        | .....        | .....        |
| River Moisie .....      | 1        | 54         | 575         | 4         | 25        | 909         | 30        | 305        | 78         | 15        | 29        | 7350        | 3870        | .....        | .....        |
| Rigou .....             | .....    | .....      | .....       | .....     | 15        | 435         | 8         | 48         | 30         | .....     | .....     | .....       | .....       | .....        | .....        |
| Rivière au Bouleau..... | .....    | .....      | .....       | .....     | 3         | 75          | 2         | 12         | 6          | .....     | .....     | .....       | .....       | .....        | .....        |
| <b>Totals.....</b>      | <b>6</b> | <b>138</b> | <b>3175</b> | <b>22</b> | <b>83</b> | <b>3104</b> | <b>87</b> | <b>743</b> | <b>194</b> | <b>21</b> | <b>37</b> | <b>8850</b> | <b>5235</b> | <b>.....</b> | <b>.....</b> |

Saguenay extending from Manicouagan to Blancs Sablons, in the Province of Quebec,  
Year 1884.

(Manicouagan to Point de Monts.)

NETS AND SEINES.

| Herring Seines. |        | Herring Nets. |        |        | Mackerel Seines. |        |        | Mackerel Nets. |        |        | Capelin Seines. |        |        | Lanuce Seines. |        |        | Seal Nets. |        |        | Brush Fisheries. |        |    |
|-----------------|--------|---------------|--------|--------|------------------|--------|--------|----------------|--------|--------|-----------------|--------|--------|----------------|--------|--------|------------|--------|--------|------------------|--------|----|
| Yards.          | Value. | No.           | Yards. | Value. | No.              | Yards. | Value. | No.            | Yards. | Value. | No.             | Yards. | Value. | No.            | Yards. | Value. | No.        | Yards. | Value. | No.              | Value. |    |
|                 | \$     |               |        | \$     |                  |        | \$     |                |        | \$     |                 |        | \$     |                |        | \$     |            |        |        |                  | \$     | \$ |
| 200             | 100    | 3             | 116    | 56     | 2                | 360    | 650    | 2              | 110    | 45     |                 |        |        | 1              | 100    | 60     |            | 2      | 300    | 100              |        |    |
|                 |        |               |        |        |                  |        |        |                |        |        |                 |        |        |                | 4      | 400    | 150        |        |        |                  | 1      | 25 |
| 200             | 100    | 3             | 116    | 56     | 2                | 360    | 650    | 2              | 110    | 45     |                 |        |        | 1              | 100    | 60     |            | 6      | 700    | 250              |        | 25 |

(Point de Monts to Baie des Rochers.)

|  |  |    |      |     |   |     |     |   |     |    |  |  |  |   | Trout Nets. |     |    | Trap Nets. |     |   |      |
|--|--|----|------|-----|---|-----|-----|---|-----|----|--|--|--|---|-------------|-----|----|------------|-----|---|------|
|  |  | 1  | 50   | 12  |   |     |     | 1 | 50  | 20 |  |  |  |   | 3           | 180 | 20 |            |     |   |      |
|  |  | 5  | 242  | 58  |   |     |     | 2 | 112 | 32 |  |  |  |   | 3           | 150 | 20 |            |     |   |      |
|  |  | 16 | 806  | 172 |   |     |     |   |     |    |  |  |  |   | 3           | 148 | 25 |            |     |   |      |
|  |  | 16 | 748  | 172 | 1 | 170 | 118 |   |     |    |  |  |  |   | 3           | 120 | 18 |            |     |   |      |
|  |  | 12 | 604  | 144 |   |     |     |   |     |    |  |  |  |   | 7           | 460 | 32 |            |     |   |      |
|  |  | 5  | 206  | 43  |   |     |     |   |     |    |  |  |  | 1 | 40          | 16  |    |            |     |   |      |
|  |  | 5  | 246  | 46  | 1 | 160 | 200 |   |     |    |  |  |  | 1 | 60          | 80  |    |            |     |   |      |
|  |  |    |      |     |   |     |     |   |     |    |  |  |  | 2 | 90          | 25  |    |            |     |   |      |
|  |  | 60 | 2902 | 617 | 2 | 330 | 318 | 3 | 162 | 52 |  |  |  | 2 | 100         | 96  | 23 | 1228       | 143 | 2 | 2000 |

(Jambons to Rivière au Bouleau.)

|  |  |    |      |     |  |  |  |   |     |     |   |     |     |   | Brush Fisheries. |     |  |  |  |   |    |
|--|--|----|------|-----|--|--|--|---|-----|-----|---|-----|-----|---|------------------|-----|--|--|--|---|----|
|  |  | 47 | 1783 | 645 |  |  |  | 3 | 150 | 31  |   |     |     |   |                  |     |  |  |  |   |    |
|  |  | 1  | 40   | 12  |  |  |  | 1 | 60  | 15  | 1 | 80  | 60  |   |                  |     |  |  |  |   |    |
|  |  | 14 | 600  | 172 |  |  |  | 3 | 132 | 34  | 1 | 75  | 45  | 2 | 150              | 100 |  |  |  | 2 | 45 |
|  |  | 3  | 140  | 44  |  |  |  | 1 | 60  | 18  | 3 | 224 | 115 | 3 | 186              | 130 |  |  |  |   |    |
|  |  | 3  | 120  | 80  |  |  |  | 1 | 60  | 11  |   |     |     | 2 | 130              | 124 |  |  |  |   |    |
|  |  |    |      |     |  |  |  |   |     |     | 1 | 50  | 20  |   |                  |     |  |  |  |   |    |
|  |  | 68 | 2683 | 953 |  |  |  | 9 | 462 | 109 | 6 | 429 | 240 | 7 | 466              | 354 |  |  |  | 2 | 45 |

RETURN showing the Number and Value of Vessels, Boats, Nets, &c., in the County of  
MINGAN SUB-DIVISION—

| NAME OF PLACE.         | VESSELS. |       |        | FISHING BOATS.  |      | FLAT BOATS. |     | No. of Fishermen. | No. of Shoremen. | Salmon Nets. |     |        | Cod Seines. |     |        | Her Sei |        |     |
|------------------------|----------|-------|--------|-----------------|------|-------------|-----|-------------------|------------------|--------------|-----|--------|-------------|-----|--------|---------|--------|-----|
|                        | No.      | Tons. | Value. | No. of Sailors. | No.  | Value.      | No. |                   |                  | Value.       | No. | Yards. | Value.      | No. | Yards. |         | Value. | No. |
|                        |          |       |        |                 |      |             |     |                   |                  |              |     |        |             |     |        |         |        |     |
| Little River .....     |          |       |        | 9               | 500  | 4           | 48  | 18                | 8                |              |     |        |             |     |        |         |        |     |
| Chaloups .....         |          |       |        | 12              | 600  | 6           | 72  | 24                | 10               |              |     |        |             |     |        |         |        |     |
| Sheldrake .....        |          |       |        | 45              | 2250 | 20          | 240 | 90                | 45               | 2            | 150 | 37     |             |     |        |         |        |     |
| Trout River .....      |          |       |        | 5               | 250  | 3           | 36  | 10                | 4                |              |     |        |             |     |        |         |        |     |
| Thunder River .....    |          |       |        | 33              | 1650 | 11          | 132 | 66                | 30               |              |     |        |             |     |        |         |        |     |
| Duck Creek .....       |          |       |        | 30              | 1500 | 8           | 96  | 60                | 20               |              |     |        |             |     |        |         |        |     |
| Rich Point .....       |          |       |        | 26              | 1300 | 6           | 72  | 52                | 10               |              |     |        |             |     |        |         |        |     |
| Jupitagan .....        |          |       |        | 2               | 100  | 2           | 24  | 4                 |                  | 1            | 100 | 25     |             |     |        |         |        |     |
| Magpie .....           |          |       |        | 68              | 3400 | 20          | 240 | 136               | 60               | 1            | 400 | 300    |             |     |        |         |        |     |
| St. John's River ..... |          |       |        | 42              | 2100 | 15          | 180 | 84                | 66               | 6            | 600 | 300    |             |     |        |         |        |     |
| Long Point .....       |          |       |        | 26              | 700  | 7           | 74  | 52                | 20               |              |     |        |             |     |        |         |        |     |
| Mingan .....           |          |       |        | 1               | 50   | 4           | 48  | 2                 |                  | 5            | 550 | 230    |             |     |        |         |        |     |
| Romaine .....          |          |       |        |                 |      | 1           | 12  |                   |                  |              |     |        |             |     |        |         |        |     |
| Esquimaux Point .....  | 22       | 550   | 11000  | 264             | 100  | 3000        | 100 | 1000              | 200              | 50           |     |        |             |     |        |         |        |     |
| Betebouan .....        |          |       |        | 8               | 320  | 6           | 72  | 16                | 5                |              |     |        |             |     |        |         |        |     |
| La Corneille .....     |          |       |        | 1               | 50   | 2           | 24  | 4                 |                  | 1            | 100 | 50     |             |     |        |         |        |     |
| Piasher Bay .....      |          |       |        | 2               | 100  | 2           | 24  | 2                 |                  | 2            | 200 | 100    |             |     |        |         |        |     |
| Totals .....           | 22       | 550   | 11000  | 264             | 410  | 17870       | 217 | 2391              | 840              | 328          | 18  | 2100   | 1042        |     |        |         |        |     |

NATASHQUAN SUB-DIVISION

|                         |   |     |      |    |      |      |     |      |     |    |      |      |      |     |     |     |
|-------------------------|---|-----|------|----|------|------|-----|------|-----|----|------|------|------|-----|-----|-----|
| Nabissippi .....        | 1 | 29  | 700  | 5  | 13   | 650  | 7   | 56   | 25  | 4  | 5    | 400  | 160  |     |     |     |
| Agwanus .....           |   |     |      | 12 | 600  | 13   | 92  | 24   | 10  | 7  | 550  | 185  |      |     |     |     |
| Grand Ruisseau .....    |   |     |      | 9  | 410  | 11   | 100 | 22   | 5   |    |      |      |      |     |     |     |
| Isle de Michon .....    |   |     |      | 8  | 400  | 12   | 70  | 16   |     |    |      |      |      |     |     |     |
| West Avoca .....        | 1 | 37  | 700  | 9  | 4    | 110  | 5   | 44   | 8   |    |      |      |      |     |     |     |
| Canadian Harbour .....  |   |     |      | 44 | 2200 | 6    | 60  | 88   | 40  |    |      |      | 2    | 160 | 160 |     |
| Little Natashquan ..... | 7 | 140 | 3500 | 55 | 42   | 1260 | 73  | 730  | 98  | 20 | 3    | 705  | 560  |     |     |     |
| Natashquan River .....  |   |     |      | 7  | 260  | 13   | 130 | 29   | 6   | 24 | 5200 | 3900 |      |     |     |     |
| Totals .....            | 9 | 206 | 4900 | 69 | 139  | 5890 | 140 | 1282 | 310 | 85 | 39   | 6855 | 4805 | 2   | 160 | 160 |

WASHEECOATI SUB-DIVISION

|                        |   |    |      |   |    |     |    |     |    |    |     |     |     |  |  |  |
|------------------------|---|----|------|---|----|-----|----|-----|----|----|-----|-----|-----|--|--|--|
| Kegashka River .....   |   |    |      | 2 | 50 | 2   | 20 | 2   |    |    | 3   | 200 | 100 |  |  |  |
| Kegashka Harbour ..... | 1 | 20 | 500  | 4 | 3  | 70  | 2  | 20  | 4  |    |     |     |     |  |  |  |
| Curlew Point .....     |   |    |      | 1 | 50 | 1   | 8  | 1   |    | 1  | 100 | 25  |     |  |  |  |
| Cloudberry Point ..... |   |    |      | 1 | 50 | 1   | 8  | 1   |    | 1  | 100 | 25  |     |  |  |  |
| Washeecoati .....      |   |    |      | 1 | 50 | 2   | 16 | 2   |    | 4  | 300 | 100 |     |  |  |  |
| Romaine .....          | 1 | 20 | 500  | 3 | 3  | 150 | 2  | 24  | 6  | 3  | 200 | 100 |     |  |  |  |
| Musquarro .....        | 1 | 20 | 500  | 2 | 2  | 80  | 2  | 10  | 2  | 1  | 50  | 20  |     |  |  |  |
| Totals .....           | 3 | 60 | 1500 | 9 | 13 | 500 | 12 | 106 | 20 | 13 | 950 | 370 |     |  |  |  |

Saguenay Division extending from Manicouagan to Blancs Sablons, &c—Continued.  
(Chaloupe to Watsheeshoo.)

NETS AND SEINES.

| ring<br>nes. | Herring Nets. |        |      | Mackerel<br>Seines. |        |     | Mackerel<br>Nets. |        |     | Capelin<br>Seines. |        |     | Lauuce<br>Seines. |        | Seal Nets. |        |        | Trap Net. |        |
|--------------|---------------|--------|------|---------------------|--------|-----|-------------------|--------|-----|--------------------|--------|-----|-------------------|--------|------------|--------|--------|-----------|--------|
|              | Yards.        | Value. | No.  | Yards.              | Value. | No. | Yards.            | Value. | No. | Yards.             | Value. | No. | Yards.            | Value. | No.        | Yards. | Value. | No.       | Value. |
|              |               | \$     |      |                     | \$     |     |                   | \$     |     | \$                 |        |     | \$                |        |            |        | \$     |           | \$     |
|              | 10            |        | 400  | 100                 |        |     |                   |        | 1   | 50                 | 60     | 1   | 50                | 60     |            |        |        |           |        |
|              | 10            |        | 400  | 100                 |        |     |                   |        | 1   | 50                 | 60     | 1   | 50                | 60     |            |        |        |           |        |
|              | 4             |        | 80   | 40                  |        |     |                   |        | 4   | 200                | 240    | 3   | 150               | 180    |            |        |        | 1         | 400    |
|              |               |        |      |                     |        |     |                   |        | 1   | 50                 | 60     | 1   | 50                | 60     |            |        |        |           |        |
|              |               |        |      |                     |        |     |                   |        | 2   | 100                | 120    | 2   | 100               | 120    |            |        |        |           |        |
|              |               |        |      |                     |        |     |                   |        | 2   | 100                | 120    | 1   | 50                | 60     |            |        |        |           |        |
|              | 4             |        | 80   | 40                  |        |     |                   |        | 1   | 50                 | 60     | 2   | 100               | 120    |            |        |        |           |        |
|              |               |        |      |                     |        |     |                   |        | 1   | 50                 | 60     | 1   | 50                | 60     |            |        |        |           |        |
|              | 40            |        | 800  | 400                 |        |     |                   |        | 4   | 200                | 240    | 4   | 200               | 240    |            |        |        |           |        |
|              | 10            |        | 200  | 100                 |        |     |                   |        | 5   | 250                | 280    | 5   | 250               | 360    |            |        |        |           |        |
|              |               |        |      |                     |        |     |                   |        | 3   | 150                | 150    | 3   | 150               | 150    |            |        |        |           |        |
|              |               |        |      |                     |        |     |                   |        |     |                    |        |     |                   |        |            |        |        |           |        |
|              | 10            |        | 200  | 10                  |        |     |                   |        | 4   | 200                | 200    | 6   | 300               | 300    |            |        |        |           |        |
|              | 4             |        | 80   | 40                  |        |     |                   |        | 1   | 50                 | 50     | 1   | 50                | 50     |            |        |        |           |        |
|              |               |        |      |                     |        |     |                   |        |     |                    |        |     |                   |        |            |        |        |           |        |
|              | 4             |        | 80   | 40                  |        |     |                   |        | 1   | 50                 | 50     |     |                   |        | 1          | 20     | 25     |           |        |
|              |               |        |      |                     |        |     |                   |        |     |                    |        |     |                   |        |            |        |        |           |        |
|              | 96            |        | 2320 | 870                 |        |     |                   |        | 31  | 1550               | 1750   | 31  | 1550              | 1760   | 1          | 20     | 25     | 1         | 400    |

(Watsheeshoo to English Point.)

|  |     |      |      |  |  |  |  |  |    |     |     |   |     |     |  |  |  |  |  |
|--|-----|------|------|--|--|--|--|--|----|-----|-----|---|-----|-----|--|--|--|--|--|
|  | 5   | 450  | 75   |  |  |  |  |  | 2  | 120 | 60  | 1 | 80  | 40  |  |  |  |  |  |
|  | 8   | 600  | 120  |  |  |  |  |  | 3  | 150 | 80  | 1 | 30  | 40  |  |  |  |  |  |
|  | 12  | 550  | 180  |  |  |  |  |  | 1  | 35  | 60  |   |     |     |  |  |  |  |  |
|  | 18  | 900  | 270  |  |  |  |  |  | 1  | 35  | 66  | 1 | 35  | 50  |  |  |  |  |  |
|  | 6   | 300  | 90   |  |  |  |  |  |    |     |     | 1 | 40  | 40  |  |  |  |  |  |
|  | 6   | 108  | 60   |  |  |  |  |  | 2  | 80  | 160 | 1 | 36  | 50  |  |  |  |  |  |
|  | 130 | 5200 | 1560 |  |  |  |  |  | 4  | 230 | 260 | 2 | 120 | 80  |  |  |  |  |  |
|  | 13  | 520  | 195  |  |  |  |  |  | 1  | 40  | 40  |   |     |     |  |  |  |  |  |
|  | 198 | 8628 | 2550 |  |  |  |  |  | 14 | 690 | 726 | 7 | 341 | 300 |  |  |  |  |  |

(English Point to Coacochoo.)

|  |    |     |     |  |  |  |  |  |   |    |     |  |  |  |   |     |    |  |  |
|--|----|-----|-----|--|--|--|--|--|---|----|-----|--|--|--|---|-----|----|--|--|
|  | 10 | 400 | 120 |  |  |  |  |  | 1 |    | 100 |  |  |  | 1 | 100 | 20 |  |  |
|  | 4  | 100 | 48  |  |  |  |  |  |   |    |     |  |  |  |   |     |    |  |  |
|  | 1  | 30  | 15  |  |  |  |  |  |   |    |     |  |  |  |   |     |    |  |  |
|  | 1  | 30  | 15  |  |  |  |  |  |   |    |     |  |  |  |   |     |    |  |  |
|  | 4  | 100 | 48  |  |  |  |  |  |   |    |     |  |  |  | 1 | 100 | 20 |  |  |
|  |    |     |     |  |  |  |  |  |   |    |     |  |  |  |   |     |    |  |  |
|  | 20 | 660 | 246 |  |  |  |  |  | 1 | 80 | 100 |  |  |  | 2 | 200 | 40 |  |  |

RETURN showing Number and Value of Vessels, Boats, Nets, &c., in the County of  
ST. AUGUSTINE SUB-DIVISION

| NAME OF PLACE.                | VESSELS. |       |        | FISHING BOATS.  |      | FLAT BOATS. |      | No. of Fishermen. | No. of Shoremen. | Salmon Nets. |      |        | Cod Seines. |      |        |        |     |
|-------------------------------|----------|-------|--------|-----------------|------|-------------|------|-------------------|------------------|--------------|------|--------|-------------|------|--------|--------|-----|
|                               | No.      | Tons. | Value. | No. of Sailors. | No.  | Value.      | No.  |                   |                  | Value.       | No.  | Yards. | Value.      | No.  | Yards. | Value. | No. |
|                               |          |       |        |                 |      |             |      |                   |                  |              |      |        |             |      |        |        |     |
| Coacochoo .....               |          |       |        |                 |      | 1           | 10   | 2                 |                  | 2            | 150  | 50     |             |      |        |        |     |
| Manishwachi .....             |          |       |        | 3               | 60   | 2           | 12   | 3                 |                  | 3            | 200  | 100    |             |      |        |        |     |
| Etamamu .....                 |          |       |        | 1               | 25   | 3           | 50   | 3                 |                  | 7            | 400  | 150    |             |      |        |        |     |
| Point à Mourier .....         |          |       |        | 1               | 80   | 1           | 15   | 2                 |                  | 3            | 100  | 50     |             |      |        |        |     |
| St. Mary's Islands .....      |          |       |        | 2               | 50   | 1           | 10   | 5                 |                  | 1            | 50   | 25     |             |      |        |        |     |
| Netagamio River .....         |          |       |        | 2               | 40   | 1           | 8    | 3                 |                  | 4            | 170  | 100    |             |      |        |        |     |
| Harrington Harbour .....      |          |       |        | 20              | 800  | 14          | 140  | 29                | 5                | 3            | 100  | 75     | 1           | 400  | 250    | 3      |     |
| Little Meccatina .....        |          |       |        | 4               | 160  | 3           | 20   | 6                 |                  | 2            | 80   | 60     |             |      |        |        |     |
| Whale Head, West .....        |          |       |        | 6               | 180  | 4           | 40   | 9                 |                  | 5            | 300  | 100    |             |      |        |        |     |
| Rigolet au Chat .....         |          |       |        | 6               | 180  | 4           | 40   | 7                 |                  | 1            | 50   | 50     |             |      |        | 1      |     |
| Gull Island .....             |          |       |        | 1               | 20   | 1           | 7    | 1                 |                  | 2            | 150  | 100    |             |      |        |        |     |
| Providence Island .....       |          |       |        | 2               | 50   | 1           | 10   | 3                 |                  | 2            | 150  | 100    |             |      |        |        |     |
| Sloop Harbour .....           |          |       |        | 6               | 180  | 5           | 50   | 9                 |                  |              |      |        |             |      |        |        |     |
| Mutton Bay .....              |          |       |        | 34              | 1020 | 16          | 160  | 55                | 10               | 11           | 360  | 300    | 3           | 1200 | 600    | 5      |     |
| Grand Meccatina .....         |          |       |        | 2               | 40   | 2           | 30   | 3                 |                  | 1            | 100  | 75     |             |      |        | 1      |     |
| Bay Rouge .....               |          |       |        | 2               | 40   | 1           | 10   | 2                 |                  | 3            | 150  | 100    |             |      |        |        |     |
| La Tabatière .....            |          |       |        | 7               | 300  | 7           | 70   | 12                |                  | 5            | 150  | 100    |             |      |        | 3      |     |
| Lac Salé Tabatière .....      |          |       |        |                 |      | 1           | 10   | 1                 |                  | 3            | 120  | 100    |             |      |        |        |     |
| Grand Meccatina Island .....  |          |       |        | 3               | 75   | 5           | 50   | 3                 |                  | 5            | 200  | 100    |             |      |        | 1      |     |
| Fonderie à Fecteau .....      |          |       |        |                 |      | 1           | 10   | 1                 |                  | 3            | 100  | 80     |             |      |        |        |     |
| Kikapoe .....                 |          |       |        | 2               | 50   | 2           | 20   | 4                 |                  | 5            | 150  | 100    |             |      |        |        |     |
| Kikapoe River .....           |          |       |        |                 |      | 1           | 20   | 1                 |                  | 5            | 150  | 100    |             |      |        |        |     |
| Red Point .....               |          |       |        |                 |      | 1           | 20   | 1                 |                  | 2            | 60   | 60     |             |      |        |        |     |
| Whale Head, East .....        |          |       |        | 1               | 50   | 1           | 30   | 1                 |                  | 2            | 150  | 50     |             |      |        |        |     |
| Pocachoo .....                |          |       |        | 1               | 30   | 1           | 10   | 1                 |                  | 6            | 200  | 100    |             |      |        |        |     |
| Little Rigolet .....          |          |       |        |                 |      | 3           | 50   | 2                 |                  | 8            | 200  | 120    |             |      |        |        |     |
| Big Rigolet .....             |          |       |        |                 |      | 1           | 20   | 1                 |                  | 6            | 150  | 50     |             |      |        |        |     |
| Dog Island .....              |          |       |        | 1               | 50   | 2           | 50   | 3                 |                  | 5            | 160  | 100    |             |      |        |        |     |
| Lac Salé, St. Augustine ..... |          |       |        |                 |      | 2           | 40   | 2                 |                  | 7            | 170  | 100    |             |      |        |        |     |
| River Island .....            |          |       |        |                 |      | 1           | 30   | 2                 |                  | 1            | 30   | 40     |             |      |        |        |     |
| Sandy Island .....            |          |       |        | 1               | 30   | 2           | 30   | 2                 |                  | 3            | 170  | 100    |             |      |        |        |     |
| St. Augustine Harbour .....   |          |       |        | 1               | 40   | 2           | 70   | 2                 |                  | 3            | 150  | 100    |             |      |        |        |     |
| St. Augustine River .....     |          |       |        | 1               | 40   | 1           | 25   | 2                 |                  | 6            | 100  | 100    |             |      |        |        |     |
| Caucasippi .....              |          |       |        |                 |      | 1           | 12   | 1                 |                  | 7            | 170  | 100    |             |      |        |        |     |
| Rapids à Frazer .....         |          |       |        | 1               | 37   | 1           | 8    | 1                 |                  | 5            | 120  | 80     |             |      |        |        |     |
| St. Augustine Bay .....       |          |       |        |                 |      | 1           | 8    | 1                 |                  | 4            | 100  | 80     |             |      |        |        |     |
| Pointe à Giroux .....         |          |       |        | 1               | 20   | 1           | 10   | 1                 |                  | 4            | 150  | 80     |             |      |        |        |     |
| L'Anse au Portage .....       |          |       |        | 1               | 70   | 1           | 12   | 1                 |                  | 3            | 80   | 60     |             |      |        |        |     |
| Chanso Harbour .....          |          |       |        | 1               | 20   | 2           | 40   | 2                 |                  | 3            | 150  | 100    |             |      |        |        |     |
| Chicatica .....               |          |       |        | 2               | 80   | 2           | 40   | 5                 |                  | 2            | 80   | 50     |             |      |        |        |     |
| Totals .....                  |          |       |        | 116             | 3817 | 103         | 1297 | 195               | 15               | 153          | 5770 | 3485   | 4           | 1600 | 850    | 14     |     |



RETURN showing Number and Value of Vessels, Boats, Nets, &c., in the County of  
 BONNE ESPERANCE SUB-DIVISION

| NAMES OF PLACES.                       | VESSELS. |            |             |                | FISHING BOATS. |           | FLAT BOATS. |            | No. of Fishermen | No. of Shoremen. | Salmon Nets. |             |           | Cod Seines. |             |          |     |
|--|----------|------------|-------------|----------------|----------------|-----------|-------------|------------|------------------|------------------|--------------|-------------|-----------|-------------|-------------|----------|-----|
|  | No.      | ons.       | Value.      | No. of ailers. | No.            | Value.    | No.         | Value.     |                  |                  | No.          | Yards.      | Value.    | No.         | Yards.      | Value.   | No. |
|  |          |            |             |                |                |           |             |            |                  |                  |              |             |           |             |             |          |     |
| Nabitippi .....                        |          |            |             | 1              | 20             | 1         | 20          | 2          |                  | 2                | 100          | 50          |           |             |             |          |     |
| Bull Cove & Rocky Bay .....            |          |            |             | 5              | 250            | 6         | 140         | 10         | 5                | 5                | 500          | 200         |           |             |             |          |     |
| Lydia's Cove and Pêche à Lizotte ..... |          |            |             | 1              | 20             | 3         | 60          | 3          |                  | 4                | 400          | 200         |           |             |             |          |     |
| Dog Island .....                       |          |            |             | 1              | 40             | 3         | 100         | 2          |                  | 2                | 400          | 100         |           |             |             |          |     |
| Old Fort .....                         |          |            |             | 10             | 1000           | 4         | 200         | 20         | 10               |                  |              |             |           |             |             |          |     |
| St. Paul's River .....                 |          |            |             | 2              | 200            | 4         | 100         | 2          |                  | 8                | 400          | 200         |           |             |             |          |     |
| Burnt Island .....                     |          |            |             | 6              | 500            | 4         | 200         | 12         | 6                |                  |              |             |           |             |             |          |     |
| Waby Island .....                      |          |            |             | 9              | 800            | 4         | 200         | 18         | 9                |                  |              |             | 1         | 200         | 400         |          |     |
| Bonne Esperance .....                  |          |            |             | 30             | 3000           | 15        | 1400        | 60         | 30               | 3                | 300          | 150         | 3         | 600         | 1400        | 1        |     |
| Pigeon Island .....                    |          |            |             | 10             | 800            | 4         | 400         | 20         | 10               | 3                | 300          | 150         | 2         | 400         | 600         |          |     |
| Stick Point .....                      |          |            |             | 4              | 400            | 2         | 100         | 8          | 4                | 4                | 400          | 200         | 1         | 200         | 300         |          |     |
| Salmon Bay .....                       | 2        | 400        | 5000        | 16             | 50             | 20        | 1600        | 100        | 50               | 1                | 300          | 150         | 9         | 1800        | 2600        |          |     |
| Little Fishery .....                   |          |            |             | 1              | 100            | 2         | 100         | 4          | 2                | 2                | 400          | 200         |           |             |             |          |     |
| Five Leagues .....                     |          |            |             | 4              | 400            | 2         | 100         | 8          | 4                | 1                | 200          | 100         |           |             |             |          |     |
| Middle Bay .....                       | 4        | 250        | 2000        | 24             | 21             | 11        | 520         | 42         | 21               |                  |              |             | 4         | 800         | 1500        |          |     |
| Belles Amours .....                    |          |            |             | 1              | 50             | 1         | 20          | 2          | 1                |                  |              |             |           |             |             |          |     |
| Bras d'Or .....                        |          |            |             | 1              | 50             | 2         | 100         | 4          | 2                |                  |              |             |           |             |             |          |     |
| Anse des Dunes & Long Point .....      |          |            |             | 1              | 50             | 4         | 200         | 6          | 3                | 1                | 100          | 50          |           |             |             |          |     |
| <b>Totals .....</b>                    | <b>6</b> | <b>650</b> | <b>7000</b> | <b>40</b>      | <b>158</b>     | <b>92</b> | <b>5560</b> | <b>323</b> | <b>157</b>       | <b>36</b>        | <b>3800</b>  | <b>1750</b> | <b>20</b> | <b>4000</b> | <b>6800</b> | <b>1</b> |     |

ISLAND OF

|                                      |          |           |            |          |            |            |            |            |           |           |             |            |  |  |  |  |
|--------------------------------------|----------|-----------|------------|----------|------------|------------|------------|------------|-----------|-----------|-------------|------------|--|--|--|--|
| Jupiter River .....                  |          |           |            | 1        | 30         | 2          | 10         | 1          |           | 2         | 400         | 100        |  |  |  |  |
| Otter River .....                    |          |           |            |          |            | 1          | 5          | 1          |           | 1         | 70          | 25         |  |  |  |  |
| St. Mary's River .....               |          |           |            |          |            | 1          | 5          |            |           | 1         | 50          | 20         |  |  |  |  |
| Bessie River .....                   |          |           |            | 1        | 30         | 2          | 10         | 1          |           | 1         | 6           | 25         |  |  |  |  |
| Ellis Bay .....                      | 1        | 25        | 500        | 3        | 1          | 2          | 15         | 2          |           |           |             |            |  |  |  |  |
| Strawberry Cove .....                |          |           |            | 23       | 575        | 20         | 100        | 31         | 5         |           |             |            |  |  |  |  |
| English Bay .....                    |          |           |            | 25       | 1000       | 20         | 160        | 30         | 10        |           |             |            |  |  |  |  |
| Squaw Harbour .....                  |          |           |            | 12       | 480        | 12         | 84         | 24         | 3         |           |             |            |  |  |  |  |
| Macdonald's Cove .....               |          |           |            | 26       | 1040       | 20         | 100        | 52         | 10        | 1         | 60          | 40         |  |  |  |  |
| Capelin Bay and Cow Point .....      |          |           |            | 17       | 510        | 15         | 90         | 34         | 5         |           |             |            |  |  |  |  |
| Indian Harbour .....                 |          |           |            | 15       | 600        | 12         | 72         | 30         | 3         |           |             |            |  |  |  |  |
| Tapp's Cove .....                    |          |           |            | 9        | 360        | 9          | 54         | 18         | 2         |           |             |            |  |  |  |  |
| Wreck Point .....                    |          |           |            | 8        | 320        | 7          | 49         | 16         | 2         |           |             |            |  |  |  |  |
| Mauzerolles River .....              |          |           |            | 13       | 520        | 9          | 75         | 26         | 5         |           |             |            |  |  |  |  |
| Salmon River .....                   |          |           |            | 1        | 40         | 2          | 15         | 3          |           | 3         | 120         | 100        |  |  |  |  |
| Fox Bay .....                        |          |           |            | 6        | 400        | 6          | 60         | 12         | 2         | 1         | 50          | 50         |  |  |  |  |
| Dauphine River & Shallop Creek ..... |          |           |            | 1        | 40         | 3          | 40         | 2          |           | 2         | 200         | 100        |  |  |  |  |
| <b>Totals .....</b>                  | <b>1</b> | <b>25</b> | <b>500</b> | <b>3</b> | <b>159</b> | <b>143</b> | <b>874</b> | <b>283</b> | <b>47</b> | <b>12</b> | <b>1010</b> | <b>460</b> |  |  |  |  |





Return showing Number and Value of Vessels, Boats, Nets, &c., in the County of Saguenay Division, extending from Manicouagan to Blancs Sablons, &c.—Continued.

TOTAL OF ALL THE SUB-DIVISIONS IN THE COUNTY OF SAGUENAY.

| NAME OF PLACE.           | VESSELS. |       |        | FISHING BOATS.  |       |        | FLAT BOATS. |        |                   | NETS AND SEINES. |              |        |        |             |        |        |                 |        |        |               |       |        |        |       |       |
|--------------------------|----------|-------|--------|-----------------|-------|--------|-------------|--------|-------------------|------------------|--------------|--------|--------|-------------|--------|--------|-----------------|--------|--------|---------------|-------|--------|--------|-------|-------|
|                          | No.      | Tons. | Value. | No. of Sailors. | No.   | Value. | No.         | Value. | No. of Fishermen. | No. of Shoremen. | Salmon Nets. |        |        | Cod Seines. |        |        | Herring Seines. |        |        | Herring Nets. |       |        |        |       |       |
|                          |          |       |        |                 |       |        |             |        |                   |                  | No.          | Yards. | Value. | No.         | Yards. | Value. | No.             | Yards. | Value. |               | No.   | Yards. | Value. |       |       |
| Godbout.....             | 2        | 25    | 320    | 4               | 16    | 528    | 9           | 176    | 17                | 13               | 1330         | 910    | .....  | .....       | .....  | 1      | 200             | 100    | .....  | .....         | ..... | 3      | 116    | 56    |       |
| Trinity.....             | 16       | 344   | 9155   | 63              | 87    | 2135   | 62          | 500    | 173               | 18               | 2060         | 585    | 1      | 150         | 15     | .....  | .....           | .....  | .....  | .....         | ..... | 60     | 2902   | 617   |       |
| Moisie.....              | 6        | 138   | 3176   | 22              | 83    | 3104   | 87          | 743    | 194               | 21               | 37           | 8850   | 5235   | .....       | .....  | .....  | .....           | .....  | .....  | .....         | ..... | 68     | 2683   | 953   |       |
| Mingan.....              | 23       | 550   | 11000  | 264             | 410   | 17870  | 217         | 2394   | 820               | 328              | 18           | 2100   | 1042   | .....       | .....  | .....  | .....           | .....  | .....  | .....         | ..... | 96     | 2320   | 870   |       |
| Natashquan.....          | 9        | 206   | 4900   | 69              | 139   | 5790   | 140         | 1282   | 310               | 85               | 39           | 6855   | 4805   | 2           | 160    | 160    | .....           | .....  | .....  | .....         | ..... | 198    | 8628   | 2550  |       |
| Washecootal.....         | 3        | 60    | 1500   | 9               | 13    | 500    | 12          | 106    | 20                | 13               | 930          | 370    | .....  | .....       | .....  | .....  | .....           | .....  | .....  | .....         | ..... | 20     | 660    | 246   |       |
| St. Augustine.....       | .....    | ..... | .....  | .....           | ..... | .....  | .....       | .....  | .....             | .....            | .....        | .....  | .....  | .....       | .....  | .....  | .....           | .....  | .....  | .....         | ..... | .....  | .....  | ..... | ..... |
| Bonne Esperance.....     | 6        | 650   | 7000   | 40              | 158   | 13700  | 92          | 5560   | 323               | 157              | 36           | 3800   | 1750   | 20          | 4000   | 6800   | 1               | 200    | 300    | .....         | ..... | .....  | 77     | 3130  | 1133  |
| Island of Anticosti..... | 1        | 25    | 550    | 3               | 159   | 5995   | 143         | 874    | 283               | 47               | 12           | 1010   | 460    | .....       | .....  | .....  | .....           | .....  | .....  | .....         | ..... | .....  | .....  | ..... |       |
| Totals.....              | 66       | 1998  | 37540  | 474             | 1181  | 53437  | 865         | 12932  | 2335              | 653              | 330          | 32725  | 18642  | 27          | 5910   | 7825   | 16              | 4300   | 2180   | .....         | ..... | .....  | 871    | 36059 | 12640 |

TOTAL FOR GULF DIVISION.

|                            |     |      |        |     |      |        |      |       |      |      |      |       |       |    |      |      |    |      |      |       |       |       |      |        |       |
|----------------------------|-----|------|--------|-----|------|--------|------|-------|------|------|------|-------|-------|----|------|------|----|------|------|-------|-------|-------|------|--------|-------|
| County of Bonaventure..... | 41  | 4340 | 200560 | 249 | 383  | 18365  | 441  | 4326  | 1005 | 346  | 751  | 32829 | 16891 | 1  | 108  | 80   | 4  | 400  | 200  | ..... | ..... | ..... | 955  | 35305  | 10420 |
| do Gaspé.....              | 52  | 2554 | 72750  | 240 | 1613 | 71464  | 1360 | 12193 | 3382 | 1299 | 110  | 23564 | 7748  | 7  | 286  | 57   | 15 | 2350 | 1600 | ..... | ..... | ..... | 2811 | 109086 | 34088 |
| do Saguenay.....           | 65  | 1998 | 37530  | 474 | 1181 | 53437  | 865  | 12932 | 2335 | 653  | 339  | 32725 | 18642 | 27 | 5910 | 7826 | 16 | 4300 | 2180 | ..... | ..... | ..... | 871  | 36059  | 12640 |
| Totals.....                | 168 | 8892 | 310850 | 963 | 3077 | 143266 | 2666 | 29451 | 6722 | 2298 | 1200 | 89118 | 42281 | 35 | 6304 | 7862 | 35 | 7050 | 3980 | ..... | ..... | ..... | 4637 | 180449 | 57145 |

RETURN showing Number and Value of Vessels, Boats, Nets, &c., in the County of Saguenay Division, extending from Manicouagan to Blancs Sablons, &c.—Continued.

TOTAL OF ALL THE SUB-DIVISIONS IN THE COUNTY OF SAGUENAY.

| NAME OF PLACE.           | NETS AND SEINES. |        |                |        |                 |        |                |        |            |        |                  |        |             |        |            |        |      |    |      |
|--------------------------|------------------|--------|----------------|--------|-----------------|--------|----------------|--------|------------|--------|------------------|--------|-------------|--------|------------|--------|------|----|------|
|                          | Mackerel Seines. |        | Mackerel Nets. |        | Capelin Seines. |        | Leauce Seines. |        | Seal Nets. |        | Brush Fisheries. |        | Trout Nets. |        | Trap Nets. |        |      |    |      |
|                          | No.              | Value. | No.            | Value. | No.             | Value. | No.            | Value. | No.        | Value. | No.              | Value. | No.         | Value. | No.        | Value. |      |    |      |
| Godbout.....             | 2                | 360    | 2              | 45     | 6               | 60     | 1              | 100    | 6          | 250    | 1                | 25     | 23          | 1228   | 2          | 2000   |      |    |      |
| Trinity.....             | 2                | 330    | 3              | 162    | 52              | 100    | 2              | 100    | 96         | 45     | 2                | 45     | 23          | 1228   | 143        | 2000   |      |    |      |
| Moisie.....              |                  |        | 9              | 462    | 109             | 429    | 7              | 466    | 354        | 25     | 2                | 45     |             |        |            |        |      |    |      |
| Mingan.....              |                  |        |                |        |                 | 1550   | 31             | 1550   | 1760       | 1      | 20               | 25     |             |        |            | 1      | 400  |    |      |
| Natashquan.....          |                  |        |                |        |                 | 630    | 7              | 341    | 300        |        |                  |        |             |        |            |        |      |    |      |
| Washecootal.....         |                  |        |                |        |                 | 80     | 100            |        |            | 2      | 200              | 40     |             |        |            |        |      |    |      |
| St. Augustine.....       |                  |        | 1              | 40     | 20              | 3980   | 1805           |        |            | 19     | 7365             | 4470   |             |        |            |        |      |    |      |
| Bonne Esperance.....     |                  |        |                |        |                 | 2309   | 1650           | 15     | 300        | 600    | 79               | 4640   | 3870        |        |            | 8      | 3200 |    |      |
| Island of Anticosti..... |                  |        | 10             | 400    | 150             | 990    | 520            |        |            |        |                  |        |             |        |            |        |      |    |      |
| Totals.....              | 4                | 690    | 25             | 1174   | 376             | 10019  | 6791           | 63     | 2857       | 3170   | 107              | 12925  | 8655        | 70     | 23         | 1228   | 143  | 11 | 5600 |

TOTAL FOR GULF DIVISION.

|                            |   |      |      |       |       |       |       |       |       |      |      |      |       |       |      |    |     |     |      |      |     |      |      |
|----------------------------|---|------|------|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|------|----|-----|-----|------|------|-----|------|------|
| County of Bonaventure..... | 5 | 730  | 199  | 6456  | 2592  | 105   | 5010  | 3160  |       |      |      |      |       |       |      |    | 13  | 130 |      |      |     | 1    | 400  |
| do Gaspé.....              | 4 | 690  | 887  | 34663 | 9390  | 97    | 5026  | 3193  | 15    | 669  | 639  | 86   | 4546  | 855   |      |    | 7   | 110 |      |      |     | 2    | 750  |
| do Saguenay.....           |   |      | 25   | 1174  | 376   | 108   | 10019 | 6791  | 63    | 2857 | 3170 | 107  | 12925 | 8655  |      |    | 3   | 70  | 23   | 1228 | 143 | 11   | 5600 |
| Totals.....                | 9 | 1420 | 1717 | 1111  | 42293 | 11358 | 310   | 20055 | 13144 | 78   | 3526 | 3869 | 193   | 17465 | 9510 | 23 | 310 | 23  | 1228 | 143  | 14  | 6750 |      |

RETURN showing the Kinds and Quantities of Fish in the County of Bonaventure  
Province of Quebec,

RISTIGOUCHE SUB-DIVISION—

| NAME OF STATION.  | Salmon, barrels, cured. | Salmon, fresh, in ice. | Salmon, in cans, lbs. | Cod, quintals.  |               | Haddock, quintals. | Ling, quintals. | Halibut, barrels. | Herring, barrels. | Smoked Herring, boxes. | Mackerel, barrels. | Trout, barrels. | Sardines, barrels. |
|---|-------------------------|------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|-------------------|-------------------|------------------------|--------------------|-----------------|--------------------|
|   |                         |                        |                       | Summer Fishing. | Fall Fishing. |                    |                 |                   |                   |                        |                    |                 |                    |
| Twenty-two fishermen on the Quebec side of Ristigouche..... |                         | 36856                  |                       |                 |               |                    |                 |                   |                   |                        |                    |                 |                    |

NEW RICHMOND SUB-DIVISION—

|                                 |       |  |  |      |      |     |    |  |       |      |  |  |  |
|---------------------------------|-------|--|--|------|------|-----|----|--|-------|------|--|--|--|
| Maguasha and Nouvelle .....     | 8150  |  |  |      |      |     |    |  | 800   | 850  |  |  |  |
| Carleton .....                  | 9234  |  |  |      |      |     |    |  | 2500  | 1000 |  |  |  |
| Maria .....                     | 25330 |  |  |      |      |     |    |  | 3500  | 900  |  |  |  |
| New Richmond and Black Capes.   | 19826 |  |  |      |      |     |    |  | 1500  | 400  |  |  |  |
| Capelin .....                   | 1577  |  |  | 900  | 1300 | 165 | 55 |  | 10000 | 1150 |  |  |  |
| Little and Grand Bonaventure. } |       |  |  | 70   | 170  | 10  | 9  |  | 1000  |      |  |  |  |
| New Carlisle .....              |       |  |  | 250  | 900  | 70  | 35 |  | 1500  | 400  |  |  |  |
| Paspebiac .....                 |       |  |  |      |      |     |    |  |       |      |  |  |  |
| Totals.....                     | 64117 |  |  | 1220 | 2370 | 245 | 99 |  | 20800 | 4700 |  |  |  |

PORT DANIEL SUB-DIVISION—

|                             |       |  |  |      |      |  |  |  |      |  |  |  |  |
|-----------------------------|-------|--|--|------|------|--|--|--|------|--|--|--|--|
| Nouvelle and Shigawak ..... |       |  |  | 980  | 1500 |  |  |  | 1650 |  |  |  |  |
| Port Daniel Bay .....       | 16509 |  |  | 500  | 920  |  |  |  | 500  |  |  |  |  |
| L'Anse au Gascon .....      | 823   |  |  | 1300 | 1450 |  |  |  | 500  |  |  |  |  |
| Totals.....                 | 17332 |  |  | 2760 | 3870 |  |  |  | 2650 |  |  |  |  |

TOTAL FOR COUNTY

|                                |        |  |  |      |      |     |    |  |       |      |  |  |  |
|--------------------------------|--------|--|--|------|------|-----|----|--|-------|------|--|--|--|
| Ristigouche Sub-division ..... | 36856  |  |  |      |      |     |    |  |       |      |  |  |  |
| New Richmond do .....          | 64117  |  |  | 1220 | 2370 | 245 | 99 |  | 20800 | 4700 |  |  |  |
| Port Daniel do .....           | 17332  |  |  | 2760 | 3870 |     |    |  | 2650  |      |  |  |  |
| Totals.....                    | 118305 |  |  | 3980 | 6240 | 245 | 99 |  | 23450 | 4700 |  |  |  |

Division, extending from Head of Tide, Ristigouche, to Point Maquereau, in the for the Year 1884.

(Head of Tide, Ristigouche to Maguasha).

| Bels, barrels.<br>Cod Tongues and Sounds, barrels. | Seals, Whales and Porpoises. |                    |                |                   | Oils.              |                     |                      |                   | Fish and Clams used as Bait and Manure. |                   |                 |                     |                 |                 |                  | Lobsters, in lb. cans. | Fish used for Local Consumption, barrels. |                 |
|--|------------------------------|--------------------|----------------|-------------------|--------------------|---------------------|----------------------|-------------------|---|-------------------|-----------------|---------------------|-----------------|-----------------|------------------|------------------------|---|-----------------|
|  | No. of Seals.                | No. of Seal-skins. | No. of Whales. | No. of Porpoises. | Seal Oil, gallons. | Whale Oil, gallons. | Porpoise Oil, galls. | Cod Oil, gallons. | Herring, barrels.                       | Capelin, barrels. | Smelt, barrels. | Flat-fish, barrels. | Squid, barrels. | Trout, barrels. | Launce, barrels. |                        |   | Clams, barrels. |
| .....  | .....                        | .....              | .....          | .....             | .....              | .....               | .....                | .....             | .....                                   | .....             | .....           | .....               | .....           | .....           | .....            | .....                  | .....                                     | .....           |

(Maguasha to Paspebiac Point).

|     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 17  | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 400   | ..... | ..... | 500   | ..... | ..... | ..... | 50    | ..... | 225 |
| 5   | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3000  | ..... | ..... | 2000  | ..... | ..... | ..... | 30    | ..... | 300 |
| 35  | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2000  | ..... | ..... | 1000  | ..... | ..... | ..... | 30    | ..... | 320 |
| 5   | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1000  | ..... | ..... | 250   | ..... | ..... | ..... | 20    | ..... | 800 |
| 6   | 75    | ..... | ..... | ..... | ..... | ..... | ..... | 900   | 7500  | ..... | ..... | 700   | ..... | ..... | 190   | 69000 | 2550  |     |
| ... | 10    | ..... | ..... | ..... | ..... | ..... | ..... | 75    | 700   | ..... | ..... | 20    | ..... | ..... | 6     | ..... | 325   |     |
| 14  | 40    | ..... | ..... | ..... | ..... | ..... | ..... | 650   | 1000  | ..... | ..... | ..... | ..... | ..... | 120   | ..... | 375   |     |
| 82  | 125   | ..... | ..... | ..... | ..... | ..... | ..... | 1625  | 15600 | ..... | ..... | 4470  | ..... | ..... | 446   | 69000 | 4895  |     |

(Paspebiac to Point Maquereau).

|     |    |       |       |       |       |       |       |      |      |      |       |       |    |       |       |       |      |
|-----|----|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|----|-------|-------|-------|------|
| ... | 5  | ..... | ..... | ..... | ..... | ..... | ..... | 1230 | 1750 | 1350 | 15    | ..... | 37 | ..... | 6     | ..... | 1350 |
| ... | 4  | ..... | ..... | ..... | ..... | ..... | ..... | 710  | 750  | 400  | ..... | ..... | 16 | ..... | 5     | 88644 | 450  |
| ... | 6  | ..... | ..... | ..... | ..... | ..... | ..... | 1275 | 900  | 900  | ..... | ..... | 40 | ..... | ..... | ..... | 450  |
| ... | 15 | ..... | ..... | ..... | ..... | ..... | ..... | 3215 | 3400 | 2650 | 15    | ..... | 93 | ..... | 11    | 88644 | 2250 |

OF BONAVENTURE.

|     |     |       |       |       |       |       |       |      |       |       |       |       |       |       |       |        |       |      |
|-----|-----|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|--------|-------|------|
| 82  | 125 | ..... | ..... | ..... | ..... | ..... | ..... | 1625 | 15600 | ..... | ..... | ..... | ..... | ..... | ..... | 446    | 69000 | 4895 |
| ... | 15  | ..... | ..... | ..... | ..... | ..... | ..... | 3215 | 3400  | 2650  | 15    | 4470  | 93    | ..... | 11    | 88644  | 2250  |      |
| 62  | 140 | ..... | ..... | ..... | ..... | ..... | ..... | 4840 | 19000 | 2650  | 15    | 4470  | 93    | ..... | 457   | 157644 | 7145  |      |

RETURN showing the Kinds and Quantities of Fish in the County of Gaspé Division  
Province of

GASPÉ SUB-DIVISION

| NAME OF STATION.                             | Salmon, cured, barrels. | Salmon, fresh, in ice, lbs. | Salmon, in cans, lbs. | Summer Fishing. | Fall Fishing.  | Haddock, quintals. | Ling, quintals. | Halibut, barrels. | Herring, barrels. | Smoked Herring, boxes. | Mackerel, barrels. | Trout, barrels. | Sardines, barrels. |
|--|-------------------------|-----------------------------|-----------------------|-----------------|----------------|--------------------|-----------------|-------------------|-------------------|------------------------|--------------------|-----------------|--------------------|
|  |                         |                             |                       | Cod, quintals.  | Cod, quintals. |                    |                 |                   |                   |                        |                    |                 |                    |
| Little River, West.....                      |                         |                             |                       | 835             | 670            | 4                  |                 |                   |                   |                        |                    |                 |                    |
| Newport and Anse aux Canards.....            |                         | 80                          |                       | 5735            | 2930           | 66                 | 36              | 2                 | 316               |                        | 5                  |                 |                    |
| Grand Pabos.....                             |                         | 1150                        |                       | 1600            | 700            | 14                 | 8               | 3                 | 137               |                        |                    | 2               |                    |
| Little Pabos and Anse au Basque.....         |                         | 1900                        |                       | 2611            | 1333           | 19                 | 12              | 2                 | 190               |                        |                    | 1               |                    |
| Grand River.....                             |                         | 800                         |                       | 3690            | 2290           | 19                 |                 |                   |                   |                        | 22                 |                 |                    |
| Little River, East.....                      |                         |                             |                       | 2098            | 840            |                    |                 |                   | 124               | 3                      |                    |                 |                    |
| Cape Despair.....                            |                         |                             |                       | 915             | 445            |                    |                 |                   | 33                |                        |                    |                 |                    |
| Cape Cove.....                               |                         | 769                         |                       | 2344            | 1635           |                    |                 |                   | 142               |                        |                    |                 |                    |
| Anse au Beaufils.....                        |                         |                             |                       | 735             | 545            |                    |                 |                   | 72                |                        |                    |                 |                    |
| Bonaventure Island.....                      |                         |                             |                       | 2311            | 381            |                    |                 |                   | 21                |                        |                    |                 |                    |
| Percé.....                                   |                         |                             |                       | 4880            | 1375           |                    |                 |                   | 135               |                        |                    |                 |                    |
| Corner of Beach and Cannes de<br>Roches..... |                         | 1760                        |                       | 655             | 410            |                    |                 |                   |                   |                        |                    |                 |                    |
| Barachois River.....                         |                         | 3003                        |                       | 1250            | 600            |                    |                 |                   | 25                |                        |                    | 1               |                    |
| Malbaie and Belle Anse.....                  |                         | 2900                        | 4715                  | 1510            | 450            |                    |                 |                   | 25                |                        |                    |                 |                    |
| Point St. Peter.....                         |                         | 1000                        |                       | 2790            | 792            |                    |                 |                   | 15                |                        |                    |                 |                    |
| Chien Blanc.....                             |                         |                             |                       | 600             | 400            |                    |                 |                   | 40                |                        | 3                  |                 |                    |
| Bois Brulé and Douglstown.....               |                         | 2312                        |                       | 920             | 460            |                    |                 |                   | 10                |                        |                    | 3               |                    |
| Sandy Beach.....                             |                         | 4840                        |                       | 229             | 49             |                    |                 |                   | 24                |                        | 16                 |                 |                    |
| Gaspé Basin and South-West Bay.....          |                         | 11780                       |                       | 20              |                |                    |                 |                   | 10                |                        |                    | 2               |                    |
| North-West Bay and River.....                |                         | 4720                        |                       | 180             | 38             |                    |                 |                   | 10                |                        | 5                  | 1               |                    |
| Peninsula and Cape aux Os.....               |                         | 8200                        |                       | 309             | 213            |                    |                 |                   | 30                |                        |                    |                 |                    |
| Seal Rock and Little Gaspé.....              |                         | 2350                        |                       | 252             | 133            |                    |                 |                   | 37                |                        | 2                  |                 |                    |
| Grand Grève and St. George's<br>Cove.....    |                         | 1950                        |                       | 882             | 269            |                    |                 |                   | 70                |                        |                    |                 |                    |
| Indian Cove and Ship Head.....               |                         |                             |                       | 984             | 417            |                    |                 |                   | 62                |                        |                    |                 |                    |
| <b>Totals.....</b>                           |                         | <b>49511</b>                | <b>4715</b>           | <b>38335</b>    | <b>17365</b>   | <b>122</b>         | <b>56</b>       | <b>7</b>          | <b>1528</b>       | <b>3</b>               | <b>53</b>          | <b>10</b>       | <b>...</b>         |

extending from Point Maquereau to Cape Chatte and Magdalen Islands, in the Quebec, &c.—Continued.

(Point Maquereau to Cape Gaspé).

| Eels, barrels. | Cod Tongues and Sounds, barrels. | Seals, Whales and Porpoises. |                    |                |                   | Oils.              |                     |                      |                   | Fish and Clams used as Bait and Manure. |                   |                 |                    |                 |                 |                  | Lobsters, in cans, lbs. | Fish used for Local Consumption, barrels. |                 |
|----------------|----------------------------------|------------------------------|--------------------|----------------|-------------------|--------------------|---------------------|----------------------|-------------------|---|-------------------|-----------------|--------------------|-----------------|-----------------|------------------|-------------------------|---|-----------------|
|                |                                  | No. of Seals.                | No. of Seal Skins. | No. of Whales. | No. of Porpoises. | Seal Oil, gallons. | Whale Oil, gallons. | Porpoise Oil, galls. | Cod Oil, gallons. | Herring, barrels.                       | Capelin, barrels. | Smelt, barrels. | Cod Kees, barrels. | Squid, barrels. | Trout, barrels. | Launce, barrels. |                         |   | Clams, barrels. |
| 5              | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 885                  | 115               | 24                                      | 4                 | .....           | 27                 | .....           | .....           | .....            | .....                   | 61  |                 |
| 31             | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 5808                 | 739               | 1296                                    | 70                | .....           | 210                | .....           | 5               | .....            | 25200                   | 236                                       |                 |
| 15             | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 1250                 | 324               | 69                                      | 103               | .....           | 162                | .....           | .....           | 75               | 21000                   | 68  |                 |
| 19             | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 2382                 | 343               | 476                                     | 33                | .....           | 133                | .....           | .....           | 1                | .....                   | 165                                       |                 |
| 39             | .....                            | .....                        | .....              | 3              | .....             | .....              | 12                  | 3600                 | 1129              | 266                                     | 5                 | 44              | 71                 | .....           | .....           | .....            | .....                   | 283                                       |                 |
| 12             | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 1863                 | 545               | 121                                     | .....             | .....           | 133                | .....           | .....           | .....            | .....                   | 147                                       |                 |
| 4              | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 910                  | 275               | 28                                      | .....             | .....           | 24                 | .....           | .....           | .....            | 40000                   | 78  |                 |
| 14             | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 2245                 | 1220              | 12                                      | .....             | .....           | 81                 | .....           | .....           | .....            | .....                   | 218                                       |                 |
| 1              | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 710                  | 290               | .....                                   | .....             | .....           | 27                 | .....           | .....           | .....            | .....                   | 68  |                 |
| 4              | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 1415                 | 92                | .....                                   | .....             | .....           | 55                 | .....           | .....           | .....            | .....                   | 30  |                 |
| 4              | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 3650                 | 1310              | 120                                     | .....             | .....           | 141                | .....           | 3               | .....            | .....                   | 464                                       |                 |
| 1              | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 725                  | 103               | .....                                   | 62                | .....           | 31                 | .....           | .....           | .....            | .....                   | 11  |                 |
| .....          | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 1200                 | 70                | .....                                   | 25                | .....           | 10                 | .....           | .....           | 15               | .....                   | 115                                       |                 |
| 1              | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 1565                 | 285               | 40                                      | 5                 | .....           | 27                 | .....           | 25              | .....            | 22455                   | 155                                       |                 |
| 2              | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 2272                 | 312               | 81                                      | 8                 | .....           | 32                 | .....           | 91              | .....            | .....                   | 55  |                 |
| 5              | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 1000                 | 50                | .....                                   | .....             | .....           | 20                 | .....           | 6               | .....            | .....                   | 86  |                 |
| .....          | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 550                  | 62                | .....                                   | .....             | .....           | 5                  | .....           | .....           | .....            | 2000                    | 710                                       |                 |
| 12             | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 62                   | .....             | .....                                   | .....             | .....           | .....              | .....           | .....           | 22               | 52                      | 216                                       |                 |
| 2              | .....                            | .....                        | .....              | 4              | .....             | .....              | 2000                | .....                | .....             | .....                                   | .....             | .....           | .....              | .....           | .....           | .....            | 2                       | 65  |                 |
| .....          | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 75                   | 34                | .....                                   | 3                 | .....           | .....              | .....           | .....           | .....            | 1                       | 85  |                 |
| .....          | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 161                  | 73                | .....                                   | .....             | .....           | .....              | .....           | .....           | .....            | .....                   | 55  |                 |
| .....          | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 173                  | 59                | .....                                   | .....             | .....           | .....              | .....           | .....           | .....            | .....                   | 35  |                 |
| .....          | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | .....                | .....             | .....                                   | .....             | .....           | .....              | .....           | .....           | .....            | .....                   | .....                                     |                 |
| .....          | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 476                  | 118               | .....                                   | .....             | .....           | 10                 | .....           | .....           | .....            | .....                   | 64  |                 |
| .....          | .....                            | .....                        | .....              | .....          | .....             | .....              | .....               | 702                  | 251               | .....                                   | .....             | .....           | .....              | .....           | .....           | .....            | .....                   | 45  |                 |
| 15             | 152                              | 2                            | 2                  | 4              | 3                 | 5                  | 2000                | 12                   | 33649             | 7799                                    | 2533              | 318             | 44                 | 1199            | .....           | 152              | 146                     | 110555                                    | 3509            |

RETURN showing the Kinds and Quantities of Fish in the County of Gaspé Division  
MAGDALEN RIVER SUB-DIVISION

| NAME OF STATION.                            | Salmon, cured, barrels. | Salmon, fresh, in ice, lbs. | Salmon, in lb. cans. | Summer Fishing. | Fall Fishing.  | Haddock, quintals. | Ling, quintals. | Halibut, barrels. | Herring, barrels. | Herring, smoked, boxes. | Mackerel, barrels. | Trout, barrels. | Sardines, barrels. |
|---|-------------------------|-----------------------------|----------------------|-----------------|----------------|--------------------|-----------------|-------------------|-------------------|-------------------------|--------------------|-----------------|--------------------|
|   |                         |                             |                      | Cod, quintals.  | Cod, quintals. |                    |                 |                   |                   |                         |                    |                 |                    |
| Cap des Rosiers.....                        |                         |                             |                      | 830             | 400            |                    |                 | 10                | 300               |                         |                    |                 |                    |
| L'Anse à Louise.....                        |                         |                             |                      | 1440            | 650            |                    |                 |                   | 120               |                         |                    |                 |                    |
| Three Runs and Jersey Cove.....             |                         |                             |                      | 800             | 450            |                    |                 |                   | 65                |                         |                    |                 |                    |
| Anse à Grisfonds.....                       |                         |                             |                      | 2250            | 1200           |                    |                 | 10                | 200               |                         |                    |                 |                    |
| Anse à Fougère.....                         |                         |                             |                      | 120             | 75             |                    |                 |                   | 25                |                         |                    |                 |                    |
| Fox River.....                              |                         |                             |                      | 2750            | 1500           |                    |                 | 10                | 300               |                         |                    |                 |                    |
| Little Fox River.....                       |                         |                             |                      | 420             | 250            |                    |                 |                   | 70                |                         |                    |                 |                    |
| Little Cape.....                            |                         |                             |                      | 360             | 180            |                    |                 |                   | 60                |                         |                    |                 |                    |
| Echourie and Grande Anse.....               |                         |                             |                      | 315             | 150            |                    |                 |                   | 48                |                         |                    |                 |                    |
| Pointe Jaune.....                           |                         |                             |                      | 300             | 150            |                    |                 |                   | 45                |                         |                    |                 |                    |
| Anse à Valeau.....                          |                         |                             |                      | 330             | 175            |                    |                 |                   | 25                |                         |                    |                 |                    |
| Grand Etang.....                            |                         |                             |                      | 250             | 110            |                    |                 | 3                 | 15                |                         |                    |                 |                    |
| Pointe Sèche.....                           |                         |                             |                      | 950             | 500            |                    |                 |                   | 30                |                         |                    |                 |                    |
| Big and Little Chlorydorme.....             |                         |                             |                      | 1400            | 400            |                    |                 | 5                 | 30                |                         |                    |                 |                    |
| Little Anse.....                            |                         |                             |                      | 280             | 100            |                    |                 |                   | 30                |                         |                    |                 |                    |
| Frigate Point.....                          |                         |                             |                      | 500             | 75             |                    |                 |                   | 30                |                         |                    |                 |                    |
| Little Vallée.....                          |                         |                             |                      | 250             | 50             |                    |                 |                   | 20                |                         |                    |                 |                    |
| Anse à Collin and Anse à Mercier.....       |                         |                             |                      | 150             | 75             |                    |                 |                   | 10                |                         |                    |                 |                    |
| Grande Vallée.....                          | 5                       |                             |                      | 700             | 200            |                    |                 |                   | 20                |                         |                    | 4               |                    |
| Grande Anse.....                            |                         |                             |                      | 20              |                |                    |                 |                   | 20                |                         |                    |                 |                    |
| Magdalen River and Cap à l'Ours.....        | 10                      |                             |                      | 300             | 100            |                    |                 | 10                | 50                |                         |                    |                 |                    |
| Little Magdalen.....                        |                         |                             |                      | 50              | 40             |                    |                 |                   | 10                |                         |                    |                 |                    |
| Manche d'Épée.....                          |                         |                             |                      | 150             | 75             |                    |                 |                   | 10                |                         |                    |                 |                    |
| Gros Mâle.....                              |                         |                             |                      | 250             | 100            |                    |                 |                   | 10                |                         |                    |                 |                    |
| Ruisseau des Olives and Anse Pleureuse..... |                         |                             |                      | 150             | 150            |                    |                 |                   | 20                |                         |                    |                 |                    |
| Mont Louis.....                             | 18                      |                             |                      | 1750            | 1100           |                    |                 | 5                 | 200               |                         |                    | 3               |                    |
| Rivière à Pierre and Claude River.....      |                         |                             |                      | 350             | 210            |                    |                 |                   | 50                |                         |                    |                 |                    |
| Totals.....                                 | 33                      |                             |                      | 17415           | 8465           |                    |                 | 53                | 1813              |                         |                    | 7               |                    |

extending from Point Maquereau to Cape Chatte and Magdalen Islands, &c.—*Con.*

(Cape Gaspé to Claude River).

| Eels, barrels.<br>Cod Tongues and Sounds,<br>barrels. | Seals, Whales and Porpoises. |                    |                |                   | Oils.              |                     |                      |                   | Fish and Clams used as Bait and Manure. |                   |                 |                    |                 |                 |                  | Lobsters, in lb. cans. | Fish used for Local Consumption, barrels. |
|---|------------------------------|--------------------|----------------|-------------------|--------------------|---------------------|----------------------|-------------------|---|-------------------|-----------------|--------------------|-----------------|-----------------|------------------|------------------------|---|
|   | No. of Seals.                | No. of Seal Skins. | No. of Whales. | No. of Porpoises. | Seal Oil, gallons. | Whale Oil, gallons. | Porpoise Oil, galls. | Cod Oil, gallons. | Herring, barrels.                       | Capelns, barrels. | Smelt, barrels. | Cod Roes, barrels. | Squid, barrels. | Trout, barrels. | Launce, barrels. |                        |   |
|   |                              |                    |                |                   |                    |                     | 500                  | 830               |   |                   |                 | 40                 |                 |                 |                  |                        | 200                                       |
|   |                              |                    |                |                   |                    |                     | 1000                 | 520               |   |                   |                 | 35                 |                 |                 |                  |                        | 75  |
| 1   |                              |                    |                |                   |                    |                     | 650                  | 550               |   |                   |                 | 30                 |                 |                 |                  |                        | 80  |
|   |                              |                    |                |                   |                    |                     | 1700                 | 1250              |   |                   |                 | 100                | 5               |                 |                  |                        | 325                                       |
|   |                              |                    |                |                   |                    |                     | 80                   | 70                |   |                   |                 | 5                  |                 |                 |                  |                        | 15  |
| 8   |                              |                    |                |                   |                    |                     | 2375                 | 1375              |   |                   |                 | 75                 |                 |                 |                  |                        | 350                                       |
| 1   |                              |                    |                |                   |                    |                     | 350                  | 230               |   |                   |                 | 20                 |                 |                 |                  |                        | 42  |
| 1   |                              |                    |                |                   |                    |                     | 270                  | 250               |   |                   |                 | 15                 |                 |                 |                  |                        | 35  |
| 1   |                              |                    |                |                   |                    |                     | 235                  | 200               |   |                   |                 | 8                  |                 |                 |                  |                        | 18  |
| 1   |                              |                    |                |                   |                    |                     | 225                  | 180               |   |                   |                 | 9                  |                 |                 |                  |                        | 25  |
|   |                              |                    |                |                   |                    |                     | 260                  | 100               |   |                   |                 | 10                 |                 |                 |                  |                        | 30  |
| 2   |                              |                    |                |                   |                    |                     | 180                  | 50                |   |                   |                 | 5                  | 5               |                 |                  |                        | 8   |
|   |                              |                    |                |                   |                    |                     | 750                  | 175               |   |                   |                 | 10                 |                 |                 |                  |                        | 50  |
| 5   |                              |                    |                |                   |                    |                     | 900                  | 300               |   |                   |                 | 20                 |                 |                 |                  |                        | 100                                       |
|   |                              |                    |                |                   |                    |                     | 200                  | 50                |   |                   |                 | 5                  |                 |                 |                  |                        | 50  |
|   |                              |                    |                |                   |                    |                     | 275                  | 200               |   |                   |                 | 15                 |                 |                 |                  |                        | 60  |
|   |                              |                    |                |                   |                    |                     | 150                  | 40                |   |                   |                 | 10                 |                 |                 |                  |                        | 50  |
|   |                              |                    |                |                   |                    |                     | 100                  | 90                |   |                   |                 | 10                 |                 |                 |                  |                        | 10  |
|   |                              |                    |                |                   |                    |                     | 500                  | 500               |   |                   |                 | 20                 |                 |                 |                  |                        | 70  |
|   |                              |                    |                |                   |                    |                     | 5                    | 5                 |   |                   |                 | 2                  |                 |                 |                  |                        | 5   |
| 5   |                              |                    |                |                   |                    |                     | 200                  | 80                |   |                   |                 | 5                  |                 |                 |                  |                        | 80  |
|   |                              |                    |                |                   |                    |                     | 30                   | 35                |   |                   |                 | 5                  |                 |                 |                  |                        | 20  |
|   |                              |                    |                |                   |                    |                     | 120                  | 75                |   |                   |                 | 7                  |                 |                 |                  |                        | 25  |
|   |                              |                    |                |                   |                    |                     | 175                  | 150               |   |                   |                 | 10                 |                 |                 |                  |                        | 20  |
|   |                              |                    |                |                   |                    |                     | 150                  | 90                |   |                   |                 | 5                  |                 |                 |                  |                        | 50  |
| 3   |                              |                    |                |                   |                    |                     | 1500                 | 1000              |   |                   |                 | 20                 | 5               |                 |                  |                        | 250                                       |
|   |                              |                    |                |                   |                    |                     | 230                  | 160               |   |                   |                 | 10                 | 2               |                 |                  |                        | 50  |
| 23  |                              |                    |                |                   |                    |                     | 13110                | 8605              |   |                   |                 | 506                | 17              |                 |                  |                        | 2093                                      |



RETURN showing the Kinds and Quantities of Fish in the County of Gaspé Division,  
ST. ANNE DE MONTS SUB-DIVISION

| NAME OF STATION.              | Salmon, cured, barrels. | Salmon, fresh, in ice, lbs. | Salmon, in cans, lbs. | Summer Fishing. | Fall Fishing.  |                    |                 |                   |                   |                        |                    |                 |                    |
|-------------------------------|-------------------------|-----------------------------|-----------------------|-----------------|----------------|--------------------|-----------------|-------------------|-------------------|------------------------|--------------------|-----------------|--------------------|
|                               |                         |                             |                       | Cod, quintals.  | Cod, quintals. | Haddock, quintals. | Ling, quintals. | Halibut, barrels. | Herring, barrels. | Smoked Herring, boxes. | Mackerel, barrels. | Trout, barrels. | Sardines, barrels. |
| Marsoui and Martin River..... |                         |                             |                       |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Ste. Anne de Monts.....       | 12½                     | 3351                        |                       | 541             | 1337           |                    |                 |                   | 99                |                        | 10                 | 26½             |                    |
| Gape Chatte.....              | 10                      |                             |                       | 114             | 505            |                    |                 | 3                 | 15                |                        | 3                  | 10½             | 30                 |
| Totals.....                   | 22½                     | 3351                        |                       | 655             | 1842           |                    |                 | 3                 | 114               |                        | 13                 | 36½             | 30                 |

MAGDALEN ISLANDS

|                     |  |  |  |      |     |     |  |    |     |   |      |  |  |
|---------------------|--|--|--|------|-----|-----|--|----|-----|---|------|--|--|
| Amberst Island..... |  |  |  | 4920 | 550 | 154 |  | 19 | 293 |   | 938  |  |  |
| Grindstone do.....  |  |  |  | 4070 | 120 | 160 |  | 15 | 50  |   |      |  |  |
| Allright do.....    |  |  |  | 170  |     |     |  |    | 600 |   | 230  |  |  |
| Grosse do.....      |  |  |  | 45   |     |     |  |    |     |   |      |  |  |
| Bryon do.....       |  |  |  | 615  |     |     |  | 10 |     | 6 |      |  |  |
| Entry do.....       |  |  |  |      |     |     |  |    | 24  |   | 30   |  |  |
| Wolf do.....        |  |  |  | 30   |     |     |  |    |     |   |      |  |  |
| Totals.....         |  |  |  | 9850 | 670 | 314 |  | 44 | 967 | 6 | 1198 |  |  |

TOTAL FOR THE

|                           |     |       |      |       |       |     |    |     |      |   |      |     |    |
|---------------------------|-----|-------|------|-------|-------|-----|----|-----|------|---|------|-----|----|
| Gaspé Sub-division.....   |     | 49511 | 4715 | 38335 | 17365 | 122 | 56 | 7   | 1528 | 3 | 53   | 10  |    |
| Magdalen River do.....    | 33  |       |      | 17415 | 8455  |     |    | 53  | 1813 |   |      |     |    |
| Ste. Anne's do.....       | 22½ | 3351  |      | 655   | 1842  |     |    | 3   | 114  |   | 13   | 36½ | 30 |
| Magdalen Islands' do..... |     |       |      | 9850  | 670   | 314 |    | 44  | 967  | 6 | 1198 |     |    |
| Totals.....               | 55½ | 52862 | 4715 | 66255 | 28342 | 436 | 56 | 107 | 4422 | 9 | 1264 | 46½ | 30 |

extending from Point Maquereau to Cape Chatte and Magdalen Islands, &c.—*Con.*  
 (Clande River to Cape Chatte.)

| Eels, barrels. | Cod Tongues and Soundings, barrels. | Seals, Whales and Porpoises. |                    |                |                   | Oils.              |                     |                      |                   | Fish and Clams used as Bait and Manure. |                   |                 |                    |                 |                 | Lobsters, in lb. cans. | Fish used for Local Consumption, barrels. |                  |                 |
|----------------|-------------------------------------|------------------------------|--------------------|----------------|-------------------|--------------------|---------------------|----------------------|-------------------|---|-------------------|-----------------|--------------------|-----------------|-----------------|------------------------|---|------------------|-----------------|
|                |                                     | No. of Seals.                | No. of Seal Skins. | No. of Whales. | No. of Porpoises. | Seal Oil, gallons. | Whale Oil, gallons. | Porpoise Oil, galls. | Cod Oil, gallons. | Herring, barrels.                       | Capelin, barrels. | Smelt, Barrels. | Cod Roes, barrels. | Squid, barrels. | Trout, barrels. |                        |   | Launce, barrels. | Clams, barrels. |
| 50             |                                     |                              |                    | 20             |                   |                    | 81                  | 466                  | 118               | 300                                     |                   |                 |                    |                 |                 |                        |   |                  | 225             |
|                |                                     |                              |                    |                |                   |                    |                     | 81                   | 80                |   |                   |                 | 2                  | 6               | 9               | 20                     |   |                  | 170             |
| 50             |                                     |                              |                    | 20             |                   |                    | 84                  | 547                  | 198               | 300                                     |                   |                 | 2                  | 6               | 9               | 32                     |   |                  | 395             |

SUB-DIVISION.

|    |      |      |  |  |      |  |  |      |      |   |  |  |    |  |    |        |      |
|----|------|------|--|--|------|--|--|------|------|---|--|--|----|--|----|--------|------|
| 5  | 456  | 456  |  |  | 2318 |  |  | 2370 | 1500 | 5 |  |  | 67 |  | 41 | 77392  | 520  |
| 6  | 124  | 124  |  |  | 720  |  |  | 2015 | 800  |   |  |  |    |  | 50 | 177976 | 325  |
|    | 1000 | 1000 |  |  | 4000 |  |  | 85   | 300  |   |  |  |    |  |    | 39256  | 85   |
|    |      |      |  |  |      |  |  | 22   | 150  |   |  |  |    |  |    | 194880 | 40   |
|    |      |      |  |  |      |  |  | 300  |      |   |  |  |    |  |    | 30480  | 25   |
|    |      |      |  |  |      |  |  | 15   |      |   |  |  |    |  | 2  |        | 30   |
|    |      |      |  |  |      |  |  |      |      |   |  |  |    |  |    |        | 8    |
| 11 | 1580 | 1580 |  |  | 7038 |  |  | 4807 | 2750 | 5 |  |  | 67 |  | 93 | 519984 | 1033 |

COUNTY OF GASPE.

|    |      |      |      |   |      |      |      |      |       |       |      |     |    |      |    |     |        |        |      |
|----|------|------|------|---|------|------|------|------|-------|-------|------|-----|----|------|----|-----|--------|--------|------|
| 15 | 152  | 2    | 2    | 4 | 3    | 5    | 2000 | 12   | 33649 | 7799  | 2533 | 318 | 44 | 1199 |    | 152 | 146    | 110655 | 3509 |
| 28 |      |      |      |   |      |      |      |      | 13110 | 8605  |      |     |    | 506  | 17 |     |        |        | 2093 |
| 50 |      |      |      |   | 20   |      |      | 84   | 547   | 198   | 300  |     |    | 2    | 6  | 9   | 32     |        | 395  |
| 11 | 1580 | 1580 |      |   | 7038 |      |      | 4807 | 2750  | 5     |      |     |    | 67   |    | 93  | 519984 | 1033   |      |
| 15 | 241  | 1582 | 1582 | 4 | 23   | 7043 | 2000 | 96   | 52113 | 19352 | 2838 | 318 | 44 | 1774 | 23 | 161 | 271    | 630639 | 7030 |

RETURN showing the Kinds and Quantities of Fish in the County of Saguenay  
Quebec, for

GODBOUT SUB-DIVISION—

| NAME OF STATION.                   | Salmon, cured, barrels. | Salmon, fresh, in ice, lbs. | Salmon, in cans, lbs. | Summer Fishing. | Fall Fishing.  | Haddock, quintals. | Ling, quintals. | Halibut, barrels. | Herring, barrels. | Smoked herring, boxes. | Mackerel, barrels. | Trout, barrels. | Sardines, barrels. |
|------------------------------------|-------------------------|-----------------------------|-----------------------|-----------------|----------------|--------------------|-----------------|-------------------|-------------------|------------------------|--------------------|-----------------|--------------------|
|                                    |                         |                             |                       | Cod, quintals.  | Cod, quintals. |                    |                 |                   |                   |                        |                    |                 |                    |
| Manicouagan and English Bay.....   |                         |                             |                       |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Grand and Little St. Nicholas....  |                         |                             |                       |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Pointe Rouge.....                  |                         | 1144                        |                       |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Godbout River.....                 |                         | 582                         |                       |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Godbout Bay.....                   |                         | 1213                        |                       |                 | 15             |                    |                 | 1                 | 2                 |                        |                    | 11              |                    |
| La Table.....                      |                         |                             |                       |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Point de Monts.....                |                         | 8269                        |                       |                 | 34             |                    |                 | 1                 |                   |                        |                    |                 |                    |
| St. Pancras and Mistassini.....    |                         |                             |                       |                 |                |                    |                 |                   |                   |                        |                    | 6               |                    |
| Beccsie River and Point à la Croix |                         |                             |                       |                 |                |                    |                 |                   | 17                |                        |                    |                 | 5                  |
| Totals.....                        |                         | 11208                       |                       |                 | 49             |                    |                 | 2                 | 19                |                        |                    | 17              | 5                  |

TRINITY SUB-DIVISION—

|                                  |     |       |  |     |      |  |  |    |     |  |  |    |     |
|----------------------------------|-----|-------|--|-----|------|--|--|----|-----|--|--|----|-----|
| Trinity Bay.....                 |     | 10405 |  |     | 32   |  |  |    |     |  |  |    | 3   |
| Petit Mai.....                   |     | 2036  |  | 95  | 295  |  |  | 1½ | 12  |  |  |    | ½   |
| Islets à Caribou.....            | 31½ |       |  | 89  | 277  |  |  | 6½ | 18  |  |  |    | 4   |
| Calumet and Isles aux Oeufs..... |     |       |  | 80  | 240  |  |  | 1  | 47  |  |  |    |     |
| Point aux Anglais.....           |     |       |  | 181 | 544  |  |  | 1  | 91  |  |  |    | 5   |
| Pentecost River and Portage..... |     |       |  | 101 | 289  |  |  |    | 18  |  |  |    | 4   |
| Cailles Rouge and Caweas.....    |     |       |  | 100 | 302  |  |  |    |     |  |  | 21 |     |
| Totals.....                      | 31½ | 12441 |  | 646 | 1979 |  |  | 10 | 186 |  |  | 21 | 16½ |

MOISIE SUB-DIVISION—

|                         |    |        |  |      |      |  |  |    |     |  |  |     |   |
|-------------------------|----|--------|--|------|------|--|--|----|-----|--|--|-----|---|
| Jambons.....            |    |        |  | 160  | 1671 |  |  | ½  | 420 |  |  | 2   |   |
| Ste. Marguerite.....    | 10 | 1050   |  | 5    | 262  |  |  | 8½ |     |  |  |     | ½ |
| Seven Islands.....      |    | 5400   |  | 309  | 678  |  |  | 12 | 51  |  |  | 297 | ½ |
| Moisie.....             | 2  | 96376  |  | 797  | 2169 |  |  | 18 |     |  |  |     | 4 |
| Pigou.....              |    |        |  | 462  | 270  |  |  | 10 |     |  |  |     |   |
| Rivière au Bouleau..... |    |        |  | 120  | 90   |  |  | 2  | 15  |  |  |     |   |
| Totals.....             | 12 | 102826 |  | 1853 | 5140 |  |  | 51 | 486 |  |  | 299 | 5 |

Division extending from Manicouagan to Blancs Sablons, in the Province of the Year 1884.

(Manicouagan to Point de Monts).

| Eels, barrels. | Cod Tongues and Sounds, barrels. |                    | Seals, Whales and Porpoises. |                   |                    |                     | Oils.                |                   |                   |                   | Fish and Clams used as Bait and Manure. |                    |                 |                 |                  |                 |     | Lobsters, in lb. cans. | Fish used for Local Consumption, barrels. |
|----------------|----------------------------------|--------------------|------------------------------|-------------------|--------------------|---------------------|----------------------|-------------------|-------------------|-------------------|---|--------------------|-----------------|-----------------|------------------|-----------------|-----|------------------------|---|
|                | No. of Seals.                    | No. of Seal-skins. | No of Whales.                | No. of Porpoises. | Seal Oil, gallons. | Whale Oil, gallons. | Porpoise Oil, galls. | Cod Oil, gallons. | Herring, barrels. | Capelin, barrels. | Smelt, barrels.                         | Cod Roes, barrels. | Squid, barrels. | Trout, barrels. | Launce, barrels. | Clams, barrels. |     |                        |   |
| ...            | 34                               | 34                 | ...                          | ...               | 102                | ...                 | ...                  | ...               | ...               | ...               | ...                                     | ...                | ...             | ...             | ...              | ...             | ... | ...                    | 4   |
| ...            | 126                              | 126                | ...                          | ...               | 386                | ...                 | ...                  | ...               | ...               | ...               | ...                                     | ...                | ...             | ...             | ...              | ...             | ... | ...                    | ...                                       |
| ...            | 107                              | 107                | ...                          | 91                | 722                | ...                 | 182                  | 12                | 1                 | ...               | ...                                     | ...                | 1               | ...             | ...              | ...             | ... | ...                    | 15  |
| ...            | 153                              | 153                | ...                          | ...               | 978                | ...                 | ...                  | 20                | 2                 | ...               | ...                                     | ...                | 3               | ...             | ...              | ...             | ... | ...                    | 12  |
| 10             | 1                                | 1                  | ...                          | 14                | 3                  | ...                 | 28                   | ...               | ...               | ...               | ...                                     | ...                | ...             | ...             | ...              | ...             | ... | ...                    | ...                                       |
| 10             | 421                              | 421                | ...                          | 105               | 2191               | ...                 | 210                  | 32                | 3                 | ...               | ...                                     | ...                | 4               | ...             | ...              | ...             | ... | ...                    | 31  |

(Point de Monts to Baie des Rochers).

|     |     |     |     |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ... | 359 | 359 | ... | 2154 | ... | ... | 22   | 2   | ... | ... | ... | 3   | ... | ... | 13  | ... | ... | 17  |
| ... | ... | ... | ... | ...  | ... | ... | 309  | 15  | ... | ... | ... | 5   | ... | ... | 10  | ... | ... | 23  |
| ... | ... | ... | ... | ...  | ... | ... | 291  | 19  | ... | ... | ... | 2   | ... | 3   | 4   | ... | ... | 29  |
| ... | ... | ... | ... | ...  | ... | ... | 262  | 22  | ... | ... | ... | 3   | ... | ... | 2   | ... | ... | 19  |
| ... | ... | ... | ... | ...  | ... | ... | 586  | 45  | ... | ... | ... | 10  | ... | ... | 14  | ... | ... | 55  |
| ... | ... | ... | ... | ...  | ... | ... | 292  | ... | ... | ... | ... | 10  | ... | 25  | ... | ... | ... | 43  |
| ... | ... | ... | ... | ...  | ... | ... | 306  | 2   | ... | ... | ... | 3   | ... | 20  | 15  | ... | ... | 30  |
| ... | 359 | 359 | ... | 2154 | ... | ... | 2068 | 105 | ... | ... | ... | 33½ | ... | 48  | 46½ | ... | ... | 216 |

(Jambons to Rivière au Bouleau).

|     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ... | 8   | ... | ... | ... | ... | ... | 373  | 151 | ... | ... | ... | ... | ... | 43  | ... | ... | ... | 33  |
| ... | 6   | 52  | 52  | ... | 159 | ... | 122  | ... | 11  | ... | ... | ... | ... | 23  | ... | ... | ... | 11  |
| ... | 2   | ... | ... | ... | ... | ... | 330  | 25  | 7   | ... | ... | ... | ... | 104 | 3   | ... | ... | 95  |
| ... | 1   | ... | ... | ... | ... | ... | 1137 | ... | 93  | ... | ... | ... | ... | 139 | ... | ... | ... | 100 |
| ... | ... | ... | ... | ... | ... | ... | 304  | ... | 20  | ... | ... | ... | ... | 39  | 13  | ... | ... | 25  |
| ... | ... | ... | ... | ... | ... | ... | 80   | 8   | ... | ... | ... | ... | ... | 30  | ... | ... | ... | 12  |
| ... | 17  | 52  | 52  | ... | 159 | ... | 2382 | 184 | 131 | ... | ... | ... | ... | 378 | 16  | ... | ... | 276 |

RETURN showing the Kinds and Quantities of Fish in the County of Saguenay

MINGAN SUB-DIVISION

| NAME OF STATION.               | Salmon, barrels, cured. | Salmon, fresh, in ice. | Salmon, in cans. | Summer         | Fall           | Haddock, quintals. | Ling, quintals. | Halibut, barrels. | Herrings, barrels. | Smoked Herring, boxes. | Mackerel, barrels. | Trout, barrels. | Sardines, barrels. |
|--------------------------------|-------------------------|------------------------|------------------|----------------|----------------|--------------------|-----------------|-------------------|--------------------|------------------------|--------------------|-----------------|--------------------|
|                                |                         |                        |                  | Cod, quintals. | Cod, quintals. |                    |                 |                   |                    |                        |                    |                 |                    |
| Chaloupe .....                 |                         |                        |                  | 580            | 200            |                    |                 |                   | 70                 |                        |                    |                 |                    |
| Sheildrake .....               | 4                       |                        |                  | 1920           | 140            |                    |                 |                   | 30                 |                        |                    |                 |                    |
| Trout River .....              |                         |                        |                  | 200            | 60             |                    |                 |                   | 20                 |                        |                    |                 |                    |
| Thunder River.....             |                         |                        |                  | 1200           | 400            |                    |                 |                   | 60                 |                        |                    |                 |                    |
| Dock Creek and Rich Point..... |                         |                        |                  | 4700           | 230            |                    |                 |                   | 70                 |                        |                    |                 |                    |
| Jupitagan River.....           | 3                       |                        |                  | 50             | 40             |                    |                 |                   | 4                  |                        |                    |                 |                    |
| Maggie Bay .....               |                         |                        |                  | 3300           | 1200           |                    |                 |                   | 600                |                        |                    |                 |                    |
| Magpie River.....              | 52                      |                        |                  |                |                |                    |                 |                   |                    |                        |                    |                 |                    |
| St. John's River .....         |                         | 30101                  |                  | 2300           | 600            |                    |                 |                   | 30                 |                        |                    |                 |                    |
| Long Point.....                |                         |                        |                  | 1300           | 350            |                    |                 |                   |                    |                        |                    |                 |                    |
| Mingan.....                    | 30                      |                        |                  |                |                |                    |                 |                   |                    |                        |                    |                 |                    |
| Requimaux Point.....           |                         |                        |                  | 600            | 600            |                    |                 |                   | 2000               |                        |                    |                 |                    |
| Betchouan.....                 |                         |                        |                  | 50             | 50             |                    |                 |                   | 100                |                        |                    |                 |                    |
| La Cornelle.....               | 15                      |                        |                  |                | 20             |                    |                 |                   |                    |                        |                    |                 |                    |
| Piashter Bay.....              | 12                      |                        |                  |                | 50             |                    |                 |                   | 30                 |                        |                    |                 |                    |
| Totals.....                    | 116                     | 30101                  |                  | 16200          | 3940           |                    |                 |                   | 3014               |                        |                    |                 |                    |

NATASHQUAN SUB-DIVISION

|                       |      |  |  |      |      |  |  |    |      |  |  |   |  |
|-----------------------|------|--|--|------|------|--|--|----|------|--|--|---|--|
| Nabisippi .....       | 20   |  |  | 500  | 650  |  |  | 8  | 50   |  |  |   |  |
| Agwanus .....         | 31½  |  |  | 520  | 550  |  |  | 7  | 350  |  |  |   |  |
| Grand Ruisseau.....   |      |  |  | 250  | 200  |  |  | 2  | 500  |  |  |   |  |
| Iles de Michon.....   |      |  |  | 400  | 625  |  |  | 4  | 400  |  |  |   |  |
| Washtawooka.....      |      |  |  | 250  | 405  |  |  | 1  | 165  |  |  |   |  |
| Canadian Harbour..... |      |  |  | 2850 | 300  |  |  | 9  | 2020 |  |  |   |  |
| Natashquan.....       | 55   |  |  | 1000 | 500  |  |  | 8  | 2600 |  |  |   |  |
| River Natashquan..... | 255  |  |  | 264  | 274  |  |  |    | 118  |  |  | 3 |  |
| Totals.....           | 361½ |  |  | 6034 | 3504 |  |  | 39 | 5603 |  |  | 3 |  |

WASHEECOTAI SUB-DIVISION

|                       |    |  |  |     |  |  |  |  |  |  |  |    |  |
|-----------------------|----|--|--|-----|--|--|--|--|--|--|--|----|--|
| Kegashka River .....  | 30 |  |  |     |  |  |  |  |  |  |  | 10 |  |
| Kegashka Harbour..... |    |  |  | 240 |  |  |  |  |  |  |  |    |  |
| Curlew Point.....     | 7  |  |  |     |  |  |  |  |  |  |  |    |  |
| Cloudberry Point..... | 10 |  |  |     |  |  |  |  |  |  |  |    |  |
| Washeecotai .....     | 20 |  |  |     |  |  |  |  |  |  |  | 10 |  |
| Musquaro.....         | 2  |  |  |     |  |  |  |  |  |  |  |    |  |
| Romaine.....          | 11 |  |  |     |  |  |  |  |  |  |  | 12 |  |
| Totals.....           | 80 |  |  | 240 |  |  |  |  |  |  |  | 32 |  |

Division, extending from Manicouagan to Blancs Sablons, &c.—Continued.

(Extending from Chaloupe to Watsheeshoo).

| Rels, barrels.<br>Cod Tongues and<br>SOUNDS<br>barrels. | Seals, Whales and<br>Porpoises. |                    |                |                  | Oils.              |                     |                      |                   | Fish and Clams used as Bait and<br>Manure. |                   |                 |                    |                 |                 | Fish used for Local Con-<br>sumption, barrels. |                  |                 |                    |
|---|---------------------------------|--------------------|----------------|------------------|--------------------|---------------------|----------------------|-------------------|--|-------------------|-----------------|--------------------|-----------------|-----------------|--|------------------|-----------------|--------------------|
|   | No of Seals.                    | No. of Seal Skins. | No. of Whales. | No of Porpoises. | Seal Oil, gallons. | Whale Oil, gallons. | Porpoise Oil, galls. | Cod Oil, gallons. | Herring, barrels.                          | Capelin, barrels. | Smelt, barrels. | Cod Roes, barrels. | Squid, barrels. | Trout, barrels. |  | Launce, barrels. | Clams, barrels. | Lobsters, in cans. |
| .....   |                                 |                    |                |                  |                    |                     |                      | 200               | .....                                      | 70                | .....           |                    |                 |                 | 70   | .....            |                 | 50                 |
| .....   |                                 |                    |                |                  |                    |                     |                      | 770               | .....                                      | 100               | .....           |                    |                 |                 | 160  | .....            |                 | 80                 |
| .....   |                                 |                    |                |                  |                    |                     |                      | 70                | .....                                      | 40                | .....           |                    |                 |                 | 80   | .....            |                 | 40                 |
| .....   |                                 |                    |                |                  |                    |                     |                      | 500               | .....                                      | 15                | .....           |                    |                 |                 | 200  | .....            |                 | 100                |
| .....   |                                 |                    |                |                  |                    |                     |                      | 2100              | .....                                      | 130               | .....           |                    |                 |                 | 200  | .....            |                 | 100                |
| .....   |                                 |                    |                |                  |                    |                     |                      | 15                | .....                                      | 10                | .....           |                    |                 |                 | 15   | .....            |                 | 6                  |
| .....   |                                 |                    |                |                  |                    |                     |                      | 1700              | .....                                      | 290               | .....           |                    |                 |                 | 335  | .....            |                 | 200                |
| .....   |                                 |                    |                |                  |                    |                     |                      |                   | .....                                      |                   | .....           |                    |                 |                 |  | .....            |                 | 5                  |
| .....   |                                 |                    |                |                  |                    |                     |                      | 1010              | .....                                      | 150               | .....           |                    |                 |                 | 230  | .....            |                 | 150                |
| .....   |                                 |                    |                |                  |                    |                     |                      | 680               | .....                                      | 50                | .....           |                    |                 |                 | 100  | .....            |                 | 50                 |
| .....   |                                 |                    |                |                  |                    |                     |                      |                   | .....                                      |                   | .....           |                    |                 |                 |  | .....            |                 | 10                 |
| .....   | 1318                            | 1318               | 1              | .....            | 5272               | 1440                | .....                | 400               | .....                                      | 100               | .....           |                    | 50              |                 | 25   | 50               | .....           | 750                |
| .....   |                                 |                    |                |                  |                    |                     |                      | 50                | .....                                      | 10                | .....           |                    | 10              |                 | 2  | .....            |                 | 50                 |
| .....   |                                 |                    |                |                  |                    |                     |                      | 10                | .....                                      | 5                 | .....           |                    |                 |                 | 5  | .....            |                 | 10                 |
| .....   |                                 |                    |                |                  |                    |                     |                      | 20                | .....                                      | 10                | .....           |                    |                 |                 | 5  | .....            |                 | 10                 |
| .....   | 1318                            | 1318               | 1              | .....            | 5272               | 1440                | .....                | 7525              | .....                                      | 970               | .....           |                    | 60              |                 | 1427   | 50               | .....           | 1611               |

(Watsheeshoo to English Point).

|       |    |      |      |       |      |       |  |      |       |      |       |  |  |  |     |    |       |     |
|-------|----|------|------|-------|------|-------|--|------|-------|------|-------|--|--|--|-----|----|-------|-----|
| ..... | 2  |      |      |       |      |       |  | 200  | ..... | 60   | ..... |  |  |  | 30  | 3  | ..... | 40  |
| ..... | 2  | 300  | 300  | ..... | 260  | ..... |  | 480  | ..... | 50   | ..... |  |  |  | 55  | 6  | ..... | 40  |
| ..... | 3  |      |      |       |      |       |  | 190  | ..... | 100  | ..... |  |  |  | 30  | 10 | ..... | 15  |
| ..... | 4  |      |      |       |      |       |  | 340  | ..... | 250  | ..... |  |  |  | 3   | 2  | ..... | 10  |
| ..... | 2  | 60   | 60   | ..... | 160  | ..... |  | 200  | ..... | 106  | ..... |  |  |  | 10  | 3  | ..... | 10  |
| ..... | 2  |      |      |       |      |       |  | 800  | ..... | 500  | ..... |  |  |  | 100 | 5  | ..... | 100 |
| ..... | 5  | 900  | 900  | ..... | 3500 | ..... |  | 550  | ..... | 400  | ..... |  |  |  | 20  | 10 | ..... | 150 |
| ..... | 2  |      |      |       |      |       |  | 210  | ..... | 100  | ..... |  |  |  |     | 1  | ..... | 30  |
| ..... | 22 | 1260 | 1260 | ..... | 3920 | ..... |  | 2970 | ..... | 1566 | ..... |  |  |  | 248 | 40 | ..... | 395 |

(English Point to Coacochoo.)

|       |  |     |     |       |     |       |  |     |       |    |       |  |  |  |  |  |  |    |
|-------|--|-----|-----|-------|-----|-------|--|-----|-------|----|-------|--|--|--|--|--|--|----|
| ..... |  |     |     |       |     |       |  |     |       |    |       |  |  |  |  |  |  | 4  |
| ..... |  | 100 | 100 | ..... | 200 | ..... |  | 100 | ..... | 50 | ..... |  |  |  |  |  |  | 6  |
| ..... |  |     |     |       |     |       |  |     |       |    |       |  |  |  |  |  |  | 3  |
| ..... |  |     |     |       |     |       |  |     |       |    |       |  |  |  |  |  |  |    |
| ..... |  |     |     |       |     |       |  |     |       |    |       |  |  |  |  |  |  |    |
| ..... |  |     |     |       |     |       |  |     |       |    |       |  |  |  |  |  |  | 15 |
| ..... |  | 100 | 100 | ..... | 200 | ..... |  | 100 | ..... | 50 | ..... |  |  |  |  |  |  | 28 |

RETURN showing the Kinds and Quantities of Fish in the County of Saguenay

ST. AUGUSTINE SUB-DIVISION—

| NAME OF STATION.             | Salmon, barrels, cured. | Salmon, fresh, in ice. | Salmon, in cans. | Summer Fishing. | Fall Fishing.  |                    |                 |                   |                   |                        |                    |                 |                    |
|------------------------------|-------------------------|------------------------|------------------|-----------------|----------------|--------------------|-----------------|-------------------|-------------------|------------------------|--------------------|-----------------|--------------------|
|                              |                         |                        |                  | Cod, quintals.  | Cod, quintals. | Haddock, quintals. | Ling, quintals. | Halibut, barrels. | Herring, barrels. | Smoked herring, boxes. | Mackerel, barrels. | Trout, barrels. | Sardines, barrels. |
| Coacochoo.....               | 3                       |                        |                  |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Wolf Bay.....                | 2½                      |                        |                  | 25              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Etamamu River.....           | 50                      |                        |                  |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Point de Morier.....         | 1                       |                        |                  | 15              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| St. Mary's Islands.....      | ½                       |                        |                  | 25              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Netagamion.....              | ½                       |                        |                  | 30              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Harrington Harbour.....      | 1                       |                        |                  | 478             |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Little Meccatina.....        | 3½                      |                        |                  | 3               |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Whale Head.....              | 13                      |                        |                  | 43              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Rigolet au Chat.....         | ½                       |                        |                  | 26              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Gull Island.....             | 1½                      |                        |                  | 12              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Providence Island.....       | 1                       |                        |                  | 25              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Sloop Harbour.....           |                         |                        |                  | 20              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Mutton Bay and River.....    | 25                      |                        |                  | 861             |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Grand Meccatina.....         | 6                       |                        |                  | 30              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Red Bay.....                 | 4                       |                        |                  | 35              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| La Tabatière.....            | 4                       |                        |                  | 94              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Lac Salé.....                | 2                       |                        |                  |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Grand Meccatina Island.....  | 3½                      |                        |                  | 20              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Fonderie à Pecteau.....      | 2½                      |                        |                  |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Kekapoe.....                 | 4                       |                        |                  |                 |                |                    |                 |                   |                   |                        |                    | 1               |                    |
| Red Point.....               | 1                       |                        |                  |                 |                |                    |                 |                   |                   |                        |                    | 1               |                    |
| Whale Head, East.....        | 1                       |                        |                  |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Pocachoo.....                | 5                       |                        |                  |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Little Rigolet.....          | 11                      |                        |                  |                 |                |                    |                 |                   |                   |                        |                    | 2               |                    |
| Big Rigolet.....             | 5                       |                        |                  |                 |                |                    |                 |                   |                   |                        |                    | 1               |                    |
| Dog Island.....              | 22½                     |                        |                  |                 |                |                    |                 |                   |                   |                        | 2                  | 2               |                    |
| Lac Salé, St. Augustine..... | 22½                     |                        |                  |                 |                |                    |                 |                   |                   |                        | 2                  |                 |                    |
| River Island.....            | 3                       |                        |                  |                 |                |                    |                 |                   |                   |                        |                    | 1               |                    |
| Sandy Island.....            | 5                       |                        |                  | 30              |                |                    |                 |                   |                   |                        |                    | 4               |                    |
| St. Augustine Harbour.....   | 5                       |                        |                  | 25              |                |                    |                 |                   |                   |                        |                    | 2               |                    |
| St. Augustine River.....     | 12                      |                        |                  |                 |                |                    |                 |                   |                   |                        |                    | 1               |                    |
| Caucasippi.....              |                         |                        |                  |                 |                |                    |                 |                   |                   |                        |                    | 1               |                    |
| Rapid à Frazer.....          | 5                       |                        |                  |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| St. Augustine Bay.....       | 3                       |                        |                  |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Point à Fenian.....          | 2½                      |                        |                  | 6               |                |                    |                 |                   |                   |                        |                    |                 |                    |
| L'Anse au Portage.....       | 5                       |                        |                  |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Canso Harbour.....           | 1                       |                        |                  |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Chicatica.....               | 3                       |                        |                  | 50              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Totals.....                  | 241½                    |                        |                  | 1853            |                |                    |                 |                   |                   |                        |                    | 18              |                    |

Division, extending from Manicouagan to Blancs Sablons, &c.—Continued.

(Coacoachoo to Chicatica.)

| Eels, barrels. | Cod Tongues and Sounds, barrels. | Seals, Whales and Porpoises. |                    |                |                   | Oils.              |                     |                      |                   | Fish and Clams used as Bait and Manure. |                   |                 |                    |                 |                 |                  | Lobsters in lb. cans. | Fish used for Local Consumption, barrels. |
|----------------|----------------------------------|------------------------------|--------------------|----------------|-------------------|--------------------|---------------------|----------------------|-------------------|---|-------------------|-----------------|--------------------|-----------------|-----------------|------------------|-----------------------|---|
|                |                                  | No. of Seals.                | No. of Seal-skins. | No. of Whales. | No. of Porpoises. | Seal Oil, gallons. | Whale Oil, gallons. | Porpoise Oil, galls. | Cod Oil, gallons. | Herring, barrels.                       | Capelin, barrels. | Smelt, barrels. | Cod Ross, barrels. | Squid, barrels. | Trout, barrels. | Launce, barrels. |                       |   |
|                |                                  |                              |                    |                |                   |                    |                     | 10                   | 10                |   |                   |                 | 3                  |                 |                 |                  |                       | 4   |
|                |                                  | 75                           | 75                 |                | 200               |                    |                     | 8                    |                   |   | 5                 |                 | 6                  |                 |                 |                  |                       | 2   |
|                |                                  | 20                           | 20                 | 1              | 60                | 1200               |                     | 15                   |                   |   | 5                 |                 | 5                  |                 |                 |                  |                       | 2   |
|                |                                  |                              |                    |                |                   |                    |                     | 20                   |                   |   |                   |                 |                    |                 |                 |                  |                       | 3   |
|                |                                  | 7                            | 7                  |                | 21                |                    |                     | 200                  |                   | 20                                      |                   |                 | 10                 |                 |                 | 5                |                       | 30  |
|                |                                  |                              |                    |                |                   |                    |                     | 18                   |                   |   |                   |                 |                    |                 |                 |                  |                       |   |
|                |                                  | 200                          | 200                |                | 535               |                    |                     | 15                   |                   | 10                                      |                   |                 | 5                  |                 |                 | 5                |                       | 10  |
|                |                                  | 120                          | 120                |                | 360               |                    |                     | 6                    |                   |   |                   |                 |                    |                 |                 |                  |                       |   |
|                |                                  |                              |                    |                |                   |                    |                     | 12                   |                   |   |                   |                 |                    |                 |                 |                  |                       | 5   |
|                |                                  |                              |                    |                |                   |                    |                     | 10                   |                   |   |                   |                 |                    |                 |                 |                  |                       | 5   |
|                |                                  | 327                          | 327                |                | 2270              |                    |                     | 421                  | 10                | 20                                      |                   |                 | 20                 |                 |                 | 10               |                       | 30  |
|                |                                  | 25                           | 25                 |                | 120               |                    |                     | 15                   |                   | 5                                       |                   |                 | 5                  |                 |                 |                  |                       | 2   |
|                |                                  | 100                          | 100                |                | 700               |                    |                     | 17                   |                   |   |                   |                 |                    |                 |                 |                  |                       | 5   |
|                |                                  | 2633                         | 2633               |                | 13900             |                    |                     | 47                   |                   | 5                                       |                   |                 | 10                 |                 |                 | 5                |                       | 5   |
|                |                                  |                              |                    |                |                   |                    |                     |                      |                   |   |                   |                 |                    |                 |                 |                  |                       | 5   |
|                |                                  | 314                          | 314                |                | 1600              |                    |                     |                      |                   |   |                   |                 |                    |                 |                 |                  |                       |   |
|                |                                  | 407                          | 407                |                | 2640              |                    |                     |                      |                   |   |                   |                 |                    |                 |                 |                  |                       |   |
|                |                                  |                              |                    |                |                   |                    |                     |                      |                   |   |                   |                 |                    |                 |                 |                  |                       | 1   |
|                |                                  |                              |                    |                |                   |                    |                     |                      |                   |   |                   |                 |                    |                 |                 |                  |                       | 3   |
|                |                                  |                              |                    |                |                   |                    |                     |                      |                   |   |                   |                 |                    |                 |                 |                  |                       | 2   |
|                |                                  |                              |                    |                |                   |                    |                     |                      |                   |   |                   |                 |                    |                 |                 |                  |                       | 2   |
|                |                                  |                              |                    |                |                   |                    |                     |                      |                   |   |                   |                 |                    |                 |                 |                  |                       | 3   |
|                |                                  |                              |                    |                |                   |                    |                     |                      |                   |   |                   |                 |                    |                 |                 |                  |                       | 2   |
|                |                                  |                              |                    |                |                   |                    |                     |                      |                   |   |                   |                 |                    |                 |                 |                  |                       | 4   |
|                |                                  | 179                          | 179                |                | 1100              |                    |                     | 10                   |                   | 5                                       |                   |                 | 4                  |                 |                 |                  |                       | 4   |
|                |                                  |                              |                    |                |                   |                    |                     | 15                   |                   | 5                                       |                   |                 | 4                  |                 |                 |                  |                       |   |
|                |                                  |                              |                    |                |                   |                    |                     |                      |                   |   |                   |                 |                    |                 |                 |                  |                       |   |
|                |                                  |                              |                    |                |                   |                    |                     |                      |                   | 2                                       |                   |                 | 1                  |                 |                 |                  |                       | 2   |
|                |                                  |                              |                    |                |                   |                    |                     |                      |                   |   |                   |                 |                    |                 |                 |                  |                       |   |
|                |                                  |                              |                    |                |                   |                    |                     | 30                   | 10                | 5                                       |                   |                 | 10                 |                 |                 |                  |                       | 3   |
|                |                                  | 4407                         | 4407               | 1              | 23506             | 1200               |                     | 881                  | 30                | 87                                      |                   |                 | 83                 |                 |                 | 25               |                       | 128                                       |



RETURN showing the Kinds and Quantities of Fish in the County of Saguenay

BONNE ESPERANCE SUB-

| NAME OF STATION.       | Salmon, barrels. | Salmon, fresh, in ice. | Salmon, in cans. | Summer Fishing. | Fall Fishing.  | Haddock, quintals. | Ling, quintals. | Halibut, barrels. | Herring, barrels. | Smoked Herring, boxes. | Mackerel, barrels. | Trout, barrels. | Sardines, barrels. |
|------------------------|------------------|------------------------|------------------|-----------------|----------------|--------------------|-----------------|-------------------|-------------------|------------------------|--------------------|-----------------|--------------------|
|                        |                  |                        |                  | Cod, quintals.  | Cod, quintals. |                    |                 |                   |                   |                        |                    |                 |                    |
| Nabitiippi .....       | 4                |                        |                  | 10              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Bull Cove .....        | 12               |                        |                  | 10              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Bay of Rocks .....     | 7                |                        |                  | 200             |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Lydia's Cove .....     | 5                |                        |                  | 10              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Pêche à Lizotte .....  | 2                |                        |                  |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Dog Island .....       | 1                |                        |                  | 25              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Old Fort .....         |                  |                        |                  | 550             |                |                    |                 |                   |                   |                        |                    |                 |                    |
| St. Paul's River ..... | 80               |                        |                  |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Burnt Island .....     |                  |                        |                  | 600             |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Waby Island .....      |                  |                        |                  | 700             |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Bonne Esperance .....  | 10               |                        |                  | 3000            |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Pigeon Island .....    | 10               |                        |                  | 1000            |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Stick Point .....      | 10               |                        |                  | 350             |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Salmon Bay .....       | 20               |                        |                  | 6000            |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Little Fishery .....   | 8                |                        |                  | 100             |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Five Leagues .....     | 2                |                        |                  | 400             |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Middle Bay .....       |                  |                        |                  | 1225            |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Belles Amours .....    |                  |                        |                  | 25              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Bradore .....          |                  |                        |                  | 125             |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Anse des Dunes .....   |                  |                        |                  | 25              |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Long Point .....       |                  |                        |                  |                 |                |                    |                 |                   |                   |                        |                    |                 |                    |
| Totals .....           | 171              |                        |                  | 14355           |                |                    |                 |                   |                   |                        |                    |                 |                    |

ISLAND OF

|                         |     |  |  |      |     |  |  |    |      |  |  |    |  |
|-------------------------|-----|--|--|------|-----|--|--|----|------|--|--|----|--|
| Jupiter River .....     | 15  |  |  |      |     |  |  |    |      |  |  | 5  |  |
| Otter River .....       |     |  |  |      |     |  |  |    |      |  |  | 1½ |  |
| St. Mary's River .....  |     |  |  |      |     |  |  |    |      |  |  | 2  |  |
| Becsie River .....      | 2   |  |  |      |     |  |  |    |      |  |  |    |  |
| Strawberry Cove .....   |     |  |  | 600  | 100 |  |  | 8  | 50   |  |  |    |  |
| English Bay .....       |     |  |  | 1000 | 200 |  |  | 30 | 100  |  |  |    |  |
| Squaw Harbour .....     |     |  |  | 755  |     |  |  |    | 250  |  |  |    |  |
| Macdonald's Cove .....  |     |  |  | 1400 | 100 |  |  | 5  | 740  |  |  |    |  |
| Capelin Bay .....       |     |  |  | 150  | 50  |  |  |    | 60   |  |  |    |  |
| Cow Point .....         |     |  |  | 620  |     |  |  |    | 360  |  |  |    |  |
| Indian Harbour .....    |     |  |  | 780  | 100 |  |  |    | 300  |  |  |    |  |
| Tops Cove .....         |     |  |  | 345  | 20  |  |  |    | 150  |  |  |    |  |
| Wreck Point .....       |     |  |  | 310  | 20  |  |  |    | 140  |  |  |    |  |
| Manzerolies River ..... |     |  |  | 730  | 100 |  |  |    | 715  |  |  |    |  |
| Salmon River .....      | 10  |  |  |      |     |  |  |    |      |  |  |    |  |
| Fox Bay .....           | 5½  |  |  | 150  | 25  |  |  | 10 | 225  |  |  |    |  |
| Dauphiné River .....    | 20  |  |  |      |     |  |  |    |      |  |  |    |  |
| Totals .....            | 53½ |  |  | 6840 | 715 |  |  | 53 | 3090 |  |  | 8½ |  |



RETURN showing the Kinds and Quantities of Fish in the County of Saguenay  
TOTAL OF THE SUB-DIVISIONS

| NAME OF STATION.        | Salmon, cured, barrels. | Salmon, fresh, in ice. | Salmon, in cans. | Summer Fishing. | Fall Fishing.  | Haddock, quintals. | Ling, quintals. | Halibut, barrels. | Herring, barrels. | Smoked herring, boxes. | Mackerel, barrels. | Trout, barrels. | Sardines, barrels. | Eels, barrels. | Cod Tongues and Sounds, barrels. |
|-------------------------|-------------------------|------------------------|------------------|-----------------|----------------|--------------------|-----------------|-------------------|-------------------|------------------------|--------------------|-----------------|--------------------|----------------|----------------------------------|
|                         |                         |                        |                  | Cod, quintals.  | Cod, quintals. |                    |                 |                   |                   |                        |                    |                 |                    |                |                                  |
| Godbout.....            |                         | 11208                  |                  |                 | 49             |                    |                 | 2                 | 19                |                        |                    | 17              | 5                  | 10             |                                  |
| Trinity.....            | 31½                     | 12441                  |                  | 646             | 1979           |                    |                 | 10                | 186               |                        | 21                 | 16½             |                    |                |                                  |
| Moisie.....             | 12                      | 102826                 |                  | 1873            | 5140           |                    |                 | 51                | 486               |                        | 299                | 5               |                    |                | 17                               |
| Mingan.....             | 116                     | 30101                  |                  | 16200           | 3940           |                    |                 |                   | 3014              |                        |                    |                 |                    |                |                                  |
| Natashquan.....         | 361½                    |                        |                  | 6034            | 3504           |                    |                 | 39                | 5603              |                        |                    | 3               |                    |                | 22                               |
| Washeecootai.....       | 80                      |                        |                  | 240             |                |                    |                 |                   |                   |                        |                    | 32              |                    |                |                                  |
| St Augustine.....       | 241½                    |                        |                  | 1853            |                |                    |                 |                   |                   |                        |                    | 18              |                    |                |                                  |
| Bonne Esperance.....    | 171                     |                        |                  | 14355           |                |                    |                 |                   |                   |                        |                    |                 |                    |                |                                  |
| Island of Anticosti.... | 53½                     |                        |                  | 6840            | 715            |                    |                 | 53                | 3090              |                        |                    | 8½              |                    |                |                                  |
| <b>Totals.....</b>      | <b>1067</b>             | <b>156576</b>          |                  | <b>48021</b>    | <b>15327</b>   |                    |                 | <b>155</b>        | <b>12398</b>      |                        | <b>320</b>         | <b>100</b>      | <b>5</b>           | <b>10</b>      | <b>39</b>                        |

TOTAL OF

|                          |              |               |             |               |              |            |            |            |              |             |             |             |           |            |            |
|--------------------------|--------------|---------------|-------------|---------------|--------------|------------|------------|------------|--------------|-------------|-------------|-------------|-----------|------------|------------|
| Co. of Bonaventure...    | 118305       |               | 3989        | 6240          | 245          | 99         |            | 23450      | 4700         |             |             |             |           | 82         | 140        |
| do Gaspé.....            | 55½          | 52862         | 4715        | 66255         | 28342        | 436        | 56         | 107        | 4472         | 9           | 1264        | 46½         | 30        | 15         | 241        |
| do Saguenay.....         | 1067         | 156576        |             | 48021         | 15327        |            |            | 155        | 12398        |             | 320         | 100         | 5         | 10         | 39         |
| <b>Grand Totals.....</b> | <b>1122½</b> | <b>327743</b> | <b>4715</b> | <b>118256</b> | <b>49909</b> | <b>681</b> | <b>155</b> | <b>262</b> | <b>40270</b> | <b>4709</b> | <b>1584</b> | <b>146½</b> | <b>35</b> | <b>107</b> | <b>420</b> |

Division, extending from Manicouagan to Blancs Sablons, &c.—*Concluded.*

IN THE COUNTY OF SAGUENAY.

| Seals, Whales and Porpoises. |                    |                |                   | Oils.              |                   |                      |                   | Fish and Clams used as Bait and Manure. |                   |                 |                     |                 |                 |                  |                 | Lobsters, in lb. cans. | Fish used for Local Consumption, barrels. |
|------------------------------|--------------------|----------------|-------------------|--------------------|-------------------|----------------------|-------------------|---|-------------------|-----------------|---------------------|-----------------|-----------------|------------------|-----------------|------------------------|---|
| No. of Seals.                | No. of Seal-skins. | No. of Whales. | No. of Porpoises. | Seal Oil, gallons. | Whale Oil, galls. | Porpoise Oil, galls. | Cod Oil, gallons. | Herring, barrels.                       | Capelin, barrels. | Smelt, barrels. | Flat Fish, barrels. | Squid, barrels. | Trout, barrels. | Launce, barrels. | Clams, barrels. |                        |   |
| 421                          | 421                | ...            | 105               | 2191               | .....             | 210                  | 32                | 3                                       | .....             | .....           | .....               | 4               | .....           | .....            | .....           | .....                  | 31  |
| 359                          | 359                | ...            | .....             | 2154               | .....             | .....                | 2068              | 105                                     | .....             | .....           | .....               | 33½             | .....           | 48               | 46½             | .....                  | 216                                       |
| 52                           | 52                 | .....          | .....             | 159                | .....             | .....                | 2382              | 184                                     | .....             | 131             | .....               | .....           | .....           | 378              | 16              | .....                  | 276                                       |
| 1318                         | 1318               | 1              | .....             | 5272               | 1440              | .....                | 7525              | .....                                   | .....             | 970             | .....               | 60              | .....           | 1427             | 50              | .....                  | 1611                                      |
| 1260                         | 1260               | .....          | .....             | 3920               | .....             | .....                | 2970              | .....                                   | 1566              | .....           | .....               | .....           | .....           | 248              | 40              | .....                  | 395                                       |
| 100                          | 100                | .....          | .....             | 200                | .....             | .....                | 100               | .....                                   | 50                | .....           | .....               | .....           | .....           | .....            | 50              | .....                  | 128                                       |
| 4407                         | 4407               | 1              | .....             | 23508              | 1200              | .....                | 881               | 39                                      | 87                | .....           | .....               | 83              | .....           | .....            | 25              | .....                  | 128                                       |
| 790                          | 790                | .....          | .....             | 5400               | .....             | .....                | 7173              | .....                                   | 4960              | .....           | .....               | .....           | 1000            | .....            | .....           | .....                  | 971                                       |
| 80                           | 80                 | .....          | .....             | 125                | .....             | .....                | 3307              | 725                                     | 624               | .....           | .....               | 160             | .....           | .....            | .....           | .....                  | 292                                       |
| 8787                         | 8787               | 2              | 105               | 42927              | 2640              | 210                  | 26438             | 1047                                    | 8388              | .....           | .....               | 340½            | .....           | 3101             | 227½            | .....                  | 3948                                      |

## GULF DIVISION.

|       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |        |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|-------|
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4840  | 19000 | 2650  | 15    | 4470  | 93    | ..... | ..... | 457  | 157644 | 7145  |
| 1582  | 1582  | 4     | 23    | 7043  | 2000  | 96    | 52113 | 19352 | 2838  | 318   | 44    | 1774  | 23    | 161   | 271  | 630639 | 7030  |
| 8787  | 8787  | 2     | 105   | 42927 | 2640  | 210   | 26438 | 1047  | 8388  | ..... | ..... | 340½  | ..... | 3101  | 227½ | .....  | 3948  |
| 10369 | 10369 | 6     | 128   | 50070 | 4640  | 306   | 83391 | 39399 | 13876 | 333   | 4514  | 2207½ | 23    | 3262  | 955½ | 788283 | 18123 |

**RECAPITULATION**  
Of the Catch and Value of the Fisheries of the Gulf Division for 1884.

| Description.                                | Rate.       | Quantity. | Value.       |
|---|-------------|-----------|--------------|
|   | \$ cts.     |           | \$ cts.      |
| Salmon, salted.....                         | brls. 12 00 | 1,122½    | 13,470 00    |
| do fresh, in ice.....                       | lbs. 0 08   | 327,743   | 26,219 44    |
| do canned.....                              | " 0 15      | 4,715     | 607 25       |
| Cod, summer, salt.....                      | cwt. 4 00   | 118,256   | 473,024 00   |
| do fall do.....                             | " 4 00      | 49,909    | 199,636 00   |
| Haddock, salt.....                          | " 4 00      | 681       | 2,724 00     |
| Ling do.....                                | " 4 00      | 155       | 620 00       |
| Halibut do.....                             | brls. 6 00  | 262       | 1,572 00     |
| Herring do.....                             | " 4 00      | 40,270    | 161,080 00   |
| do smoked.....                              | boxes 0 25  | 4,709     | 1,177 25     |
| Mackerel, salt.....                         | brls. 8 00  | 1,584     | 12,627 00    |
| Trout do.....                               | " 8 00      | 146½      | 1,172 00     |
| Sardines do.....                            | " 4 00      | 35        | 140 00       |
| Eels do.....                                | " 7 00      | 107       | 749 00       |
| Cod Tongues and Sounds, salt.....           | " 9 00      | 420       | 3,780 00     |
| Seal-skins.....                             | No. 1 00    | 10,369    | 10,369 00    |
| Seal Oil.....                               | galls. 0 50 | 50,070    | 25,035 00    |
| Whale Oil.....                              | " 0 50      | 4,640     | 2,320 00     |
| Porpoise Oil.....                           | " 0 50      | 306       | 153 00       |
| Cod Oil.....                                | " 0 50      | 83,391    | 41,695 50    |
| Fish as bait and manure.....                | brls. 1 00  | 64,570    | 64,570 00    |
| Lobsters, canned.....                       | lbs. 0 15   | 788,283   | 118,242 45   |
| Fish for local use, not included above..... | brls. 4 00  | 18,123    | 71,492 00    |
| Total value in 1884.....                    |             |           | 1,233,474 89 |
| do 1883.....                                |             |           | 1,626,388 09 |
| Decrease in value in 1884.....              |             |           | 392,913 20   |

## No. 5.

## SYNOPSIS OF FISHERY OVERSEER'S REPORTS IN THE PROVINCE OF QUEBEC, EXCLUSIVE OF THE GULF DIVISION, FOR THE YEAR 1884.

## SOUTH SHORE DIVISION—FROM POINT LEVIS TO CAPE CHATTE.

*From Point Levis to River Ouelle—F. C. CARON, Fishery Overseer.*

The yield of fish in this division, is given as follows:—

|                     |       |         | \$       | cts. |
|---------------------|-------|---------|----------|------|
| Salmon .....        | lbs.  | 8,590   | 1,288    | 50   |
| Trout .....         | lbs.  | 7,000   | 560      | 00   |
| Shad. ....          | No.   | 20,457  | 1,841    | 13   |
| Eels.....           | No.   | 117,723 | 11,772   | 30   |
| Herring.....        | brls. | 2       | 10       | 00   |
| Sturgeon .....      | brls. | 1,026   | 5,130    | 00   |
| Bar and whitefish.  | doz.  | 3,722   | 4,652    | 50   |
| Porpoise skins..... | No.   | 54      | 216      | 00   |
| do oil.....         | gals. | 3,240   | 1,620    | 00   |
| Mixed fish.....     | brls. | 260     | 780      | 00   |
| Fish for manure.... | brls. | 473     | 118      | 25   |
| Total value.....    |       |         | \$27,988 | 68   |

*Overseer Caron* reports an unusual absence of quarrels among fishermen in his district, which were so prevalent in former years. Not a single instance of dispute was reported to him during the fishing season. The value of the fishery products is about the same as in 1883. The slight falling off in the catch of salmon, shad and eels is made up by the increased yield in sturgeon, porpoise and coarse fish. Trout are reported plentiful in the inland waters of this division.

## FROM RIVER OUELLE TO ISLE VERTE.

*JULES GAUVREAU, Fishery Overseer.*

The yield of fish in this division is given as follows:—

|                     |       |        | \$       | cts. |
|---------------------|-------|--------|----------|------|
| Salmon .....        | lbs.  | 16,580 | 2,487    | 00   |
| Trout .....         | lbs.  | 4,000  | 320      | 00   |
| Herring.....        | brls. | 7,780  | 38,900   | 00   |
| Sturgeon.....       | brls. | 420    | 2,100    | 00   |
| Shad .....          | No.   | 40,375 | 3,633    | 75   |
| Eels .....          | No.   | 40,770 | 4,077    | 00   |
| Sardines.....       | brls. | 6,666  | 19,998   | 00   |
| Porpoise skins..... | No.   | 17     | 68       | 00   |
| do oil.....         | gals. | 1,020  | 510      | 00   |
| Mixed fish .....    | brls. | 1,726  | 5,178    | 00   |
| Fish for manure.... | brls. | 4,073  | 1,018    | 25   |
| Total value.....    |       |        | \$78,290 | 00   |

*Overseer Gauvreau* reports a falling off in nearly all kinds of fish. This, he ascribes to the unfavorable weather which prevailed during the height of the fishing season. No violation of the fishery laws came under this officer's notice.

FROM ISLE VERTE TO RIMOUSKI.

H. MARTIN, *Fishery Overseer.*

The following table shows the yield of fish in this division:—

|                     |       |             |
|---------------------|-------|-------------|
| Salmon.....         | lbs.  | 14,280      |
| Trout.....          | lbs.  | 13,000      |
| Shad.....           | No.   | 3,556       |
| Eels.....           | No.   | 2,875       |
| Herring.....        | brls. | 4,992       |
| Sturgeon.....       | brls. | 3           |
| Sardines.....       | brls. | 690         |
| Mixed fish.....     | brls. | 71          |
| Fish as manure..... | brls. | 3,340       |
| Total value.....    |       | \$31,382 64 |

*Overseer Martin* reports that violent storms destroyed a large number of weirs, and to this cause he attributes the decrease in the yield, as compared with 1883. Salmon and sardines are the only kinds of fish which show a slight increase. Trout were abundant in the inland waters of this division. The fishery laws and regulations appear to have been well observed.

FROM RIMOUSKI TO RIVER BLANCHE.

L. E. GRONDIN, *Fishery Overseer.*

The yield of this district is stated to have been as follows:—

|                  |       |             |
|------------------|-------|-------------|
| Salmon.....      | lbs.  | 7,640       |
| Shad.....        | No.   | 1,800       |
| Herring.....     | brls. | 12,281      |
| Sardines.....    | brls. | 1,215       |
| Total value..... |       | \$66,358 00 |

*Overseer Grondin* reports a falling off in the catch of salmon and shad. Other kinds of fish yielded as much as in 1884, in spite of the bad weather experienced throughout the fishing season.

FROM RIVER BLANCHE TO CAPE CHATTE.

J. BTE. SAUCIER, *Overseer.*

Statement of the yield and value of the fisheries of this division:—

|                      |       |            |
|----------------------|-------|------------|
| Salmon.....          | lbs.  | 3,770      |
| Herring.....         | brls. | 750        |
| Sardines.....        | brls. | 65         |
| Coarse Fish.....     | brls. | 6          |
| Fish for Manure..... | brls. | 209        |
| Total value.....     |       | \$4,578.50 |

*Overseer Saucier* reports salmon plentiful in Matane River. Angling was good; about one hundred fish being caught with the fly. The largest fish weighed 21½ lbs. Several nets, a canoe and three spears were confiscated by the water policemen which were sent there by the Department to assist the overseer in protecting the river. Two parties detected spearing under Price's mill were fined \$7 and costs.

## QUEBEC AND MONTMORENCY DIVISIONS.

L. P. HUOT, *Overseer.*

The following is a comparative statement of the Fisheries in this Division:—

| Kinds o Fish.          |       | 1881.      | 1882.      | 1883.      | 1884.      |
|------------------------|-------|------------|------------|------------|------------|
| Salmon.....            | Lbs.  | 1,950      | 2,900      | 2,640      | 3,750      |
| Shad.....              | No.   | 4,050      | 4,500      | 2,575      | 3,425      |
| Eels.....              | No.   | 25,767     | 23,561     | 21,595     | 34,836     |
| Sturgeon.....          | Brls. | 31         | 29         | 207        | 162        |
| Bar and Whitefish..... | Doz.  | 1,293      | 1,747      | 1,904      | 1,161      |
| Small fish.....        | Brls. | 52         | 24         | 131        | 131        |
| Pickarel.....          | Lbs.  |            |            |            | 15,880     |
| Value.....             |       | \$5,108 00 | \$5,572 85 | \$6,454 25 | \$7,630 40 |

*Overseer Huot* states that the yield of fish in his division was fully equal to that of previous years, with the exception of bar and whitefish which show a slight falling off. Five cel-weirs built with wire netting were set at St. Joachim and proved much superior to the old system. Most of the fish caught in this division are sent to local markets. No breach of the law was reported.

## MURRAY BAY DIVISION.

ULYSSE BHÉREUR, *Overseer.*

ANT. FILION, }  
 JOS. SIMARD, } *Wardens (Inland Lakes.)*  
 HENRI COTÉ, }  
 ED. MARTIN, }

COMPARATIVE Statement of the Yield of the Fisheries in this Division.

| Kinds of Fish.            |        | 1881.      | 1882.      | 1883.      | 1884.      |
|---------------------------|--------|------------|------------|------------|------------|
| Trout.....                | Lbs.   | 57,200     | 60,100     | 60,000     | 35,700     |
| Eels.....                 | No.    | 22,757     | 19,794     | 9,344      | 39,100     |
| Salmon.....               | Lbs.   | 550        | 2,910      | 4,380      | 2,280      |
| Sardines.....             | Brls.  | 178        | 123        | 159        | 144        |
| Herring.....              | Brls.  | 1          | 4          | 6          | 3          |
| Sturgeon.....             | Brls.  |            | 10         | 100        | 26         |
| Small and mixed fish..... | Brls.  | 42         | 72         | 84         | 40         |
| Bar and Whitefish.....    | Doz.   |            | 250        | 300        | 400        |
| Fish for manure.....      | Brls.  | 876        | 953        | 2,429      | 885        |
| Porpoise skins.....       | No.    |            |            |            | 12         |
| do oil.....               | Galls. |            |            |            | 720        |
| Value.....                |        | \$6,632 20 | \$9,865 65 | \$9,777 65 | \$8,180 25 |

*Overseer Bhéreur* reports that the value of the fishery products in his division was about the same as that of 1883. Eels show a large increase, while trout and salmon have greatly fallen off. Twelve porpoises were caught at Isles aux Coudres and Les Eboulements.



## SAGUENAY DIVISION.

JOSEPH RADFORD, *Overseer.*JOSEPH BILLY, }  
JACQUES GIRARD, } *Wardens.*

## COMPARATIVE Statement of the Yield of Fisheries in this Division.

| Kinds of Fish.       |       | 1881.       | 1882.       | 1883.       | 1884.       |
|----------------------|-------|-------------|-------------|-------------|-------------|
| Salmon.....          | Lbs.  | 5,840       | 9,690       | 12,510      | 10,810      |
| Eels.....            | No.   | 600         | 470         | 400         | 1,500       |
| Trout.....           | Lbs.  | 250,000     | 247,100     | 250,800     | 230,400     |
| Herring.....         | Brls. | 65          | 146         | 658         | 309         |
| Sardines.....        | "     | 12          | 62          | 108         | 80          |
| Sturgeon.....        | "     |             | 1           |             | 1           |
| Small fish.....      | "     | 328         | 432         | 10          | 457         |
| Fish for manure..... | "     |             |             | 661         |             |
| Value.....           |       | \$16,953 00 | \$18,111 50 | \$20,789 75 | \$18,299 50 |

*Overseer Radford* reports the number of fishing stations still further decreasing, owing to more remunerative employment being found elsewhere. Although salmon net fishing shows a falling off, angling was considered pretty fair. The special fishery guardians report the rivers as generally well stocked with parent salmon. An investigation of illegal trout fishing was held at Portneuf. It was evident that the mill hands were the guilty parties, but the offence could not be made sufficiently clear to warrant a conviction.

## LAKE ST. JOHN DIVISION.

JOB BILODEAU, }  
CHAS. POTVIN, } *Wardens.*  
R. MALTAIS, }

## COMPARATIVE Statement of the Yield of Fish in this Division.

| Kinds of Fish.  |       | 1881.       | 1882.       | 1883.       | 1884.       |
|-----------------|-------|-------------|-------------|-------------|-------------|
| Trout.....      | Lbs.  |             |             | 5,800       | 4,200       |
| Winnonish.....  | No.   | 36,600      | 42,160      | 21,500      | 25,600      |
| Whitefish.....  | Doz.  | 835         | 1,562       | 8,700       | 9,725       |
| Mixed fish..... | Brls. | 263         | 403         | 195         | 115         |
| Pickrel.....    | Lbs.  |             |             | 32,800      | 29,000      |
| Pike.....       | "     |             |             | 114,000     | 106,600     |
| Value.....      |       | \$10,719 75 | \$13,298 50 | \$23,516 00 | \$27,174,25 |

Fishery Wardens Bilodeau, Potvin and Maltais report fishing as having been better than last year. Winnonish and whitefish both show a good increase. Trout is reported plentiful in Ouatichouan and neighboring lakes.

## FROM QUEBEC TO THE UPPER OTTAWA.

## RICHELIEU DIVISION.

PIERRE LATRAVERSE, } Overseers.  
J. F. PICOTIN, }

## COMPARATIVE Statement of the Yield and Value of Fish in this Division.

| Kinds of Fish.  |      | 1881.      | 1882.      | 1883.       | 1884.      |
|-----------------|------|------------|------------|-------------|------------|
| Shad.....       | No.  | 6,000      | 6,600      | 7,000       | 7,000      |
| Eels.....       | "    | 14,600     | 15,800     | 26,800      | 13,900     |
| Sturgeon.....   | Lbs. | 20,000     | 22,000     | 16,800      | 15,000     |
| Trout.....      | "    | 240        |            | 100         |            |
| Maskinonge..... | "    | 1,500      | 2,100      | 4,300       | 4,560      |
| Bass.....       | "    | 1,800      | 2,200      | 3,600       | 2,500      |
| Pickerel.....   | "    | 2,600      | 2,600      | 32,500      | 26,500     |
| Pike.....       | "    | 15,600     | 16,600     | 3,500       | 3,500      |
| Whitefish.....  | "    | 1,200      |            | 2,382       | 2,080      |
| Mixed fish..... | "    | 50,000     | 62,040     | 134,000     | 120,000    |
| Value.....      |      | \$5,249 20 | \$5,962 80 | \$10,315 00 | \$8,246 20 |

## VERCHERES DIVISION.

MATHIAS HURTEAU, *Overseer.*

## COMPARATIVE Statement of the Yield and Value of Fish in this Division.

| Kinds of Fish.  |      | 1883.       | 1884.      |
|-----------------|------|-------------|------------|
| Shad.....       | No.  | 6,060       | 7,220      |
| Eels.....       | "    | 58,650      | 15,580     |
| Whitefish.....  | Lbs. | 12,000      | 2,814      |
| Sturgeon.....   | "    | 4,758       | 3,290      |
| Maskinonge..... | "    | 6,000       | 1,775      |
| Bass.....       | "    | 1,343       | 469        |
| Pickerel.....   | "    | 3,183       | 1,500      |
| Pike.....       | "    | 3,815       | 1,393      |
| Mixed fish..... | "    | 159,250     | 5,4800     |
| Value.....      |      | \$12,033 47 | \$4,134 79 |

CHAMBLY AND IBERVILLE DIVISIONS.

H. W. AUSTIN, }  
J. B. CHEVALIER, } *Overseers.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

| Kinds of Fish.  |      | 1881.      | 1882.      | 1883.      | 1884.       |
|-----------------|------|------------|------------|------------|-------------|
| Shad.....       | No.  |            |            |            | 6,500       |
| Eels.....       | "    | 42,550     | 26,300     | 27,500     | 50,755      |
| Sturgeon.....   | Lbs. | 800        | 2,300      | 1,400      | 705         |
| Bass.....       | "    | 5,400      | 3,350      | 7,010      | 6,255       |
| Pickrel.....    | "    | 5,100      | 4,760      | 5,160      | 5,915       |
| Pike.....       | "    | 16,800     | 19,050     | 10,600     | 136,600     |
| Mixed fish..... | "    | 77,800     | 83,000     | 93,600     | 475,000     |
| Maskinonge..... | "    |            |            | 40         | 460         |
| Value .....     |      | \$7,321 00 | \$6,006 30 | \$6,208 80 | \$20,165 15 |

CHATEAUGUAY AND BEAUHARNOIS DIVISION.

JOACHIM LABERGE, }  
JOHN KELLY, } *Overseers.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

| Kinds of Fish.  |      | 1881.       | 882.        | 1883.       | 1884.       |
|-----------------|------|-------------|-------------|-------------|-------------|
| Eels.....       | No.  | 3,330       | 35,400      | 38,400      | 30,400      |
| Sturgeon.....   | Lbs. | 88,000      | 10,400      | 48,100      | 22,700      |
| Maskinonge..... | "    | 112,000     | 130,000     | 92,600      | 23,000      |
| Bass.....       | "    | 106,000     | 115,000     | 124,500     | 154,700     |
| Pickrel.....    | "    | 65,000      | 80,000      | 82,500      | 95,500      |
| Pike.....       | "    | 85,000      | 150,000     | 168,500     | 136,600     |
| Mixed fish..... | "    | 120,000     | 240,000     | 298,600     | 475,000     |
| Value .....     |      | \$28,362 00 | \$42,360 00 | \$44,610 00 | \$42,361 00 |

MISSISSQUOI BAY DIVISION.

P. E. LUKE, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

| Kinds of Fish.  |      | 1881.      | 1882.      | 1883.      | 1884.      |
|-----------------|------|------------|------------|------------|------------|
| Shad.....       | No.  | 3,750      | 6,295      | 5,330      | 6,500      |
| Pickrel.....    | Lbs. | 38,200     | 29,800     | 24,600     | 30,960     |
| Mixed fish..... | "    | 21,400     | 13,800     | 34,200     | 38,200     |
| Value .....     |      | \$3,057 50 | \$3,289 50 | \$3,185 00 | \$3,890 80 |

## MAGOG DIVISION.

N. A. BEACH,  
T. MARCHESSAULT, } Overseers.

## COMPARATIVE Statement of the Yield and Value of Fish in this Division.

| Kinds of Fish.   |      | 1882.      | 1883.      | 1884.      |
|------------------|------|------------|------------|------------|
| Trout .....      | Lbs. | 10,000     | 12,000     | 18,000     |
| Shad .....       | No.  | 6,000      | .....      | .....      |
| Bass .....       | Lbs. | 100        | 150        | 4,600      |
| Pickarel .....   | "    | 2,000      | 1,000      | 1,200      |
| Mixed fish ..... | "    | 12,000     | 14,000     | 12,000     |
| Pike .....       | "    | .....      | .....      | 40,000     |
| Value .....      |      | \$1,800 00 | \$1,332 00 | \$4,144 00 |

## SHERBROOKE, COMPTON AND MEGANTIC DIVISIONS.

W. C. WILLIS,  
J. B. McDONALD, } Overseers.  
P. C. BOURKE,

*Overseer Willis*, of Sherbrooke, reports that large numbers of pike were caught in Massawipi Lake during the early spring. Whitefish, some weighing as high as 8 lbs., were caught in Magog, Brompton and Massawipi Lakes. The run of salmon in the St. Francis River was fair. There were fewer anglers than formerly to enjoy the sport on Magog River. Two fishways were built during the summer, and another is to be put up next season.

*Overseer J. B. McDonald*, of Echo Vale, reports angling for lunge and bass as good in Lake Megantic. These fish are steadily increasing since nets were prohibited. A great many sportsmen went away satisfied with their visit. Several night lines were confiscated and one party was convicted for fishing illegally; another escaped before the overseer could get him arrested. There are still a few poachers; but, generally speaking a marked improvement is noticed in the observance of the fishery laws and regulations.

*Overseer P. C. Bourke*, of Somerset, reports fish as decreasing in the waters of Megantic county. This, he attributes to the fact that the eggs are destroyed on the breeding grounds by small worthless fish, also to the want of efficient fishways on several streams in his district.

THREE RIVERS DIVISION.

JOSEPH DESAULNIERS, } Overseers.  
 JOSEPH LAMBERT, }

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

| Kinds of Fish.  |       | 1881.       | 1882.       | 1883.       | 1884.       |
|-----------------|-------|-------------|-------------|-------------|-------------|
| Shad.....       | No.   | 16,000      | 40,000      | 25,000      | 23,000      |
| Eels.....       | "     | 24,000      | 72,000      | 20,000      | 31,400      |
| Tom Cod.....    | Brls. | 6,890       | 3,500       | 4,000       | 2,080       |
| Trout.....      | Lbs.  | 3,500       | 9,185       | 27,300      | 51,200      |
| Sturgeon.....   | "     |             | 20,000      | 150,000     | 142,000     |
| Maskinonge..... | "     | 1,200       | 3,720       | 13,300      | 12,050      |
| Whitefish.....  | "     | 3,000       | 11,000      | 6,000       | 6,000       |
| Bass.....       | "     | 5,000       | 3,000       | 4,000       | 4,000       |
| Pickrel.....    | "     | 26,000      | 2,000       | 15,000      | 19,350      |
| Pike.....       | "     | 18,000      | 26,000      | 63,000      | 55,300      |
| Mixed fish..... | "     | 84,000      | 902,000     | 1,054,000   | 980,000     |
| Value.....      |       | \$19,207 00 | \$39,103 40 | \$47,478 00 | \$45,433 00 |

BERIHIER, JOLIETTE AND MONTCALM DIVISIONS.

S. A. GRANT, } Overseers.  
 J. L. MARTEL, }  
 WILLIAM RITCHIE, }

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

| Kinds of Fish.  |      | 1883.       | 1884.       |
|-----------------|------|-------------|-------------|
| Eels.....       | No.  | 1,400       | 1,820       |
| Trout.....      | Lbs. | 37,000      | 26,500      |
| Whitefish.....  | "    | 600         |             |
| Maskinonge..... | "    | 1,160       | 1,170       |
| Bass.....       | "    | 800         | 810         |
| Pickrel.....    | "    | 5,583       | 4,800       |
| Pike.....       | "    | 6,315       | 4,600       |
| Mixed fish..... | "    | 628,750     | 631,250     |
| Value.....      |      | \$16,642 19 | \$15,699 40 |

## MONTREAL DIVISION.

JOHN MORRIS, *Overseer.*

## COMPARATIVE Statement of the Yield and Value of Fish in this Division.

| Kinds of Fish.  |           | 1881.      | 1882.      | 1883.       | 1884.       |
|-----------------|-----------|------------|------------|-------------|-------------|
| Shad.....       | No. ....  | .....      | 3,000      | 3,000       | 5,000       |
| Eels.....       | ".....    | 13,600     | 16,600     | 17,000      | 17,000      |
| Sturgeon.....   | Lbs. .... | .....      | 10,000     | 15,000      | 15,500      |
| Maskinonge..... | ".....    | 3,500      | 21,000     | 23,000      | 25,000      |
| Bass.....       | ".....    | 14,000     | 14,000     | 14,000      | 15,000      |
| Pickrel.....    | ".....    | 21,200     | 21,200     | 24,000      | 25,000      |
| Pike.....       | ".....    | 18,600     | 18,600     | 19,000      | 20,000      |
| Mixed fish..... | ".....    | 85,200     | 85,200     | 86,000      | 90,000      |
| Whitefish.....  | ".....    | .....      | .....      | .....       | 500         |
| Value .....     | .....     | \$6,316 00 | \$9,590 00 | \$10,300 00 | \$11,015 00 |

## TERREBONNE DIVISION.

JOSEPH LAUZON, *Overseer.*

## COMPARATIVE Statement of the Yield and Value of Fish in this Division.

| Kinds of Fish.  |           | 1881.      | 1882.      | 1883.      | 1884.      |
|-----------------|-----------|------------|------------|------------|------------|
| Shad.....       | No. ....  | .....      | .....      | 740        | 1,100      |
| Eels.....       | ".....    | 2,088      | 2,175      | 1,570      | 1,105      |
| Trout.....      | Lbs. .... | 9,500      | 10,000     | .....      | .....      |
| Bass.....       | ".....    | 7,000      | 5,450      | 5,980      | 4,560      |
| Pickrel.....    | ".....    | 8,200      | 5,180      | 3,840      | 2,265      |
| Pike.....       | ".....    | 12,400     | 3,940      | 4,490      | 4,360      |
| Mixed fish..... | ".....    | 25,000     | 10,400     | 7,500      | 8,700      |
| Sturgeon.....   | ".....    | .....      | .....      | .....      | 18,600     |
| Value.....      | .....     | \$3,000 80 | \$2,272 91 | \$1,391 10 | \$2,128 50 |

## LAKE OF TWO MOUNTAINS DIVISION.

THEOPHILE SABOURIN, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

| Kinds of Fish.   |      | 1881.      | 1882.      | 1883.      | 1884.      |
|------------------|------|------------|------------|------------|------------|
| Eels .....       | No.  | 8,000      | 2,000      | 3,000      | 3,500      |
| Shad .....       | "    | .....      | 1,000      | 1,200      | 1,400      |
| Maskinonge ..... | Lbs. | 1,560      | 1,800      | 3,000      | 20,000     |
| Sturgeon .....   | "    | .....      | 2,000      | .....      | 35,000     |
| Bass .....       | "    | 2,600      | 3,400      | 2,800      | 3,200      |
| Pickereel .....  | "    | 7,600      | 7,800      | 8,500      | 10,000     |
| Pike .....       | "    | 5,200      | 2,200      | 3,500      | 4,000      |
| Mixed fish ..... | "    | 29,000     | 15,000     | 25,000     | 30,000     |
| Value .....      |      | \$2,345 60 | \$1,850 60 | \$2,239 00 | \$5,696 00 |

## LOWER OTTAWA DIVISION.

ROBERT W. JONES, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

| Kinds of Fish.   |      | 1881.      | 1882.      | 1883.      | 1884.      |
|------------------|------|------------|------------|------------|------------|
| Shad .....       | No.  | 300        | 275        | 1,100      | 1,200      |
| Eels .....       | "    | 2,000      | 1,900      | 2,500      | 5,000      |
| Sturgeon .....   | Lbs. | 8,000      | 7,800      | 15,000     | 18,000     |
| Trout .....      | "    | 400        | 900        | 1,000      | 1,050      |
| Maskinonge ..... | "    | 1,500      | 1,400      | 4,200      | 5,000      |
| Whitefish .....  | "    | 4,800      | 1,050      | 850        | 2,100      |
| Bass .....       | "    | 1,800      | 1,400      | 1,600      | 1,700      |
| Pickereel .....  | "    | 6,000      | 5,500      | 5,600      | 6,500      |
| Pike .....       | "    | 7,000      | 7,500      | 8,000      | 10,000     |
| Mixed fish ..... | "    | 30,000     | 28,000     | 35,000     | 50,000     |
| Value .....      |      | \$2,551 00 | \$2,362 50 | \$3,270 00 | \$4,328 00 |

## ARGENTEUIL DIVISION.

ALEXANDER BEATON, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

| Kinds of Fish.   |      | 1883.      | 1884.      |
|------------------|------|------------|------------|
| Trout .....      | Lbs. | 4,000      | 5,000      |
| Eels .....       | No.  | 4,500      | 5,400      |
| Whitefish .....  | Lbs. | 3,500      | 3,000      |
| Mixed fish ..... | "    | 10,000     | 15,000     |
| Value .....      |      | \$1,250 00 | \$1,480 00 |

## UPPER OTTAWA AND GATINEAU LAKES DIVISION.

JOSEPH MARION }  
 JAMES MOHR, } Overseers.  
 J. T. COGHLAN, }

## COMPARATIVE Statement of the Yield and Value of Fish in this Division.

| Kinds of Fish.      | 1881.       | 1882.       | 1883.       | 1884.       |
|---------------------|-------------|-------------|-------------|-------------|
| Trout..... Lbs.     | 154,000     | 116,500     | 115,200     | 120,000     |
| Eels..... No.       | 4,000       | 6,000       | 7,100       | 7,000       |
| Whitefish..... Lbs. | 23,700      | 22,950      | 20,200      | 22,000      |
| Sturgeon..... "     | 5,000       | 6,500       | 6,650       | 5,800       |
| Maskinonge..... "   | 1,800       | 1,750       | 1,550       | 1,800       |
| Bass..... "         | 12,950      | 13,050      | 12,000      | 13,000      |
| Pickrel..... "      | 8,800       | 8,550       | 10,000      | 9,400       |
| Pike..... "         | 51,400      | 50,500      | 50,100      | 52,000      |
| Mixed fish..... "   | 25,000      | 27,500      | 30,000      | 32,100      |
| Value.....          | \$19,349 00 | \$17,024 00 | \$16,383 50 | \$17,528 00 |



STATISTICS OF FISHERIES IN THE PROVINCE OF QUEBEC,

RETURN OF FISHING STATIONS, Number and Value of Nets, together with the St. Lawrence, from Point Lévis to

| NAMES OF PLACES.                       | KINDS OF NETS USED. |        |                            |           |                  |        |                |        | Salmon, lbs. |
|--|---------------------|--------|----------------------------|-----------|------------------|--------|----------------|--------|--------------|
|  | Salmon Nets.        |        | Brush Fisheries with Nets. |           | Brush Fisheries. |        | Eel Fisheries. |        |              |
|  | No.                 | Yards. | No.                        | Value.    | No.              | Value. | No.            | Value. |              |
| Pointe Lévis .....                     | 5                   | 625    | 150                        | \$ 1,900  | .....            | .....  | .....          | .....  | 2,520        |
| Beaumont .....                         | 4                   | 445    | 100                        | 4 1,440   | .....            | .....  | .....          | .....  | 3,480        |
| St. Michel .....                       | 3                   | 470    | 80                         | 3 1,420   | .....            | .....  | .....          | .....  | 640          |
| St. Valier .....                       | 4                   | 1,000  | 125                        | 3 3,000   | .....            | .....  | .....          | .....  | 1,000        |
| Berthier .....                         | 2                   | 380    | 50                         | 2 1,150   | .....            | .....  | 14             | 770    | 420          |
| St. Thomas .....                       | 1                   | 150    | 25                         | 1 450     | 7                | 700    | 11             | 590    | 530          |
| Cap St. Ignace .....                   | .....               | .....  | .....                      | .....     | 8                | 580    | .....          | .....  | .....        |
| Anse à Gilles .....                    | .....               | .....  | .....                      | .....     | .....            | .....  | 4              | 210    | .....        |
| Isle aux Grues .....                   | .....               | .....  | .....                      | .....     | .....            | .....  | 12             | 1,500  | .....        |
| L'Islet .....                          | .....               | .....  | .....                      | .....     | .....            | .....  | 18             | 670    | .....        |
| St. Jean Port Joli .....               | .....               | .....  | .....                      | .....     | .....            | .....  | 42             | 1,595  | .....        |
| St. Roch .....                         | .....               | .....  | .....                      | .....     | .....            | .....  | 30             | 1,105  | .....        |
| Ste. Anne .....                        | .....               | .....  | .....                      | .....     | 19               | 1,045  | .....          | .....  | .....        |
| Inland waters, Co. L'Islet .....       | .....               | .....  | .....                      | .....     | .....            | .....  | .....          | .....  | .....        |
| Rivière Ouelle .....                   | .....               | .....  | 1                          | 150       | .....            | .....  | 48             | 1,355  | 1,000        |
| St. Denis .....                        | .....               | .....  | 3                          | 200       | 1                | 75     | 16             | 375    | 1,500        |
| Kamouraska .....                       | .....               | .....  | .....                      | .....     | 6                | 580    | 8              | 480    | 2,000        |
| St. André .....                        | .....               | .....  | .....                      | .....     | 6                | 650    | 22             | 560    | .....        |
| Notre Dame du Portage .....            | .....               | .....  | .....                      | .....     | .....            | .....  | 15             | 190    | .....        |
| Rivière du Loup .....                  | 7                   | 2,700  | 650                        | .....     | 5                | 390    | 3              | 75     | 2,130        |
| Cacouna .....                          | .....               | .....  | .....                      | .....     | 14               | 1,480  | 4              | 100    | 7,250        |
| Isle Verte .....                       | .....               | .....  | .....                      | .....     | 16               | 1,315  | 1              | 30     | 2,140        |
| do (Mainland) .....                    | .....               | .....  | .....                      | .....     | 9                | 720    | .....          | .....  | 560          |
| Inland waters, Co. Témiscouata .....   | .....               | .....  | .....                      | .....     | .....            | .....  | .....          | .....  | .....        |
| Lake Témiscouata & Touladi River ..... | .....               | .....  | 20                         | 100       | 2                | 24     | .....          | .....  | .....        |
| Cap à la Loupe .....                   | .....               | .....  | .....                      | .....     | 8                | 340    | .....          | .....  | 780          |
| St. Simon .....                        | .....               | .....  | 6                          | 131       | 1                | 40     | .....          | .....  | 4,850        |
| Pointe à la Cive .....                 | .....               | .....  | .....                      | .....     | .....            | .....  | .....          | .....  | .....        |
| Anse au Foin .....                     | 1                   | 120    | 30                         | 2 43      | 6                | 175    | .....          | .....  | 2,740        |
| Anse au Bouleau .....                  | 1                   | 200    | 200                        | 1 40      | 3                | 170    | .....          | .....  | 3,980        |
| Rivière Hâtée .....                    | .....               | .....  | 1                          | 30        | 10               | 475    | .....          | .....  | 1,580        |
| Rivière Rimouski .....                 | .....               | .....  | .....                      | .....     | .....            | .....  | 3              | 30     | 250          |
| Rivières Bic and St. Fabien .....      | .....               | .....  | .....                      | .....     | .....            | .....  | 7              | 78     | 100          |
| Isle St. Barnabé .....                 | .....               | .....  | .....                      | .....     | 2                | 40     | .....          | .....  | 450          |
| Rimouski .....                         | 1                   | 75     | 20                         | .....     | 6                | 90     | .....          | .....  | 2,540        |
| Ste. Luce .....                        | 1                   | 75     | 20                         | .....     | 14               | 250    | .....          | .....  | 4,400        |
| Métis .....                            | .....               | .....  | .....                      | .....     | 8                | 160    | .....          | .....  | 150          |
| Boules .....                           | .....               | .....  | .....                      | .....     | 3                | 45     | .....          | .....  | 60           |
| Rivière Blanche .....                  | .....               | .....  | .....                      | .....     | 3                | 45     | .....          | .....  | 40           |
| Matane .....                           | .....               | .....  | .....                      | .....     | 11               | 165    | .....          | .....  | 900          |
| Ste. Félicité .....                    | .....               | .....  | .....                      | .....     | 6                | 95     | .....          | .....  | .....        |
| Cherbourg .....                        | .....               | .....  | .....                      | .....     | .....            | .....  | .....          | .....  | .....        |
| Mechins .....                          | 5                   | 350    | 135                        | .....     | .....            | .....  | .....          | .....  | 2,870        |
| Capucins .....                         | .....               | .....  | .....                      | .....     | 3                | 45     | .....          | .....  | .....        |
| Totals .....                           | 35                  | 6,590  | 1,585                      | 52 10,054 | 177              | 9,694  | 258            | 9,713  | 50,860       |

EXCLUSIVE OF THE GULF OF ST. LAWRENCE.

Yield, Value and Kinds of Fish, &c., on the South Shore of the River Cape Chatte, during the Year 1884.

| KINDS OF FISH. |           |                   |           |                    |                    |                          |                                 |                           |                 | VALUE.                 |         |      |
|----------------|-----------|-------------------|-----------|--------------------|--------------------|--------------------------|---------------------------------|---------------------------|-----------------|------------------------|---------|------|
| Trout, lbs.    | Shad, No. | Herring, barrels. | Eels, No. | Sturgeon, barrels. | Sardines, barrels. | Bar and White Fish, doz. | Coarse and Small Fish, barrels. | Fish for Manure, barrels. | Porpoise Skins. | Porpoise Oil, gallons. | \$      | cts. |
| .....          | 4,155     | .....             | 4,960     | 8                  | .....              | 286                      | .....                           | .....                     | .....           | .....                  | 1,645   | 45   |
| .....          | 6,445     | .....             | 3,600     | 15                 | .....              | 201                      | .....                           | .....                     | .....           | .....                  | 1,788   | 30   |
| .....          | 4,060     | .....             | 5,700     | 10                 | .....              | 284                      | .....                           | .....                     | .....           | .....                  | 1,436   | 40   |
| .....          | 4,000     | .....             | 9,200     | 36                 | .....              | 940                      | .....                           | .....                     | .....           | .....                  | 2,785   | 00   |
| .....          | 1,150     | .....             | 11,000    | 7                  | .....              | 296                      | .....                           | 36                        | .....           | .....                  | 1,680   | 50   |
| .....          | 447       | .....             | 5,755     | 424                | .....              | 1,385                    | 75                              | 25                        | .....           | .....                  | 4,777   | 73   |
| .....          | .....     | .....             | 850       | 300                | .....              | 230                      | 60                              | .....                     | .....           | .....                  | 2,052   | 50   |
| .....          | .....     | .....             | 4,550     | .....              | .....              | .....                    | .....                           | 29                        | .....           | .....                  | 462     | 25   |
| .....          | .....     | .....             | 27,665    | .....              | .....              | .....                    | .....                           | .....                     | .....           | .....                  | 2,766   | 50   |
| .....          | .....     | .....             | 9,740     | .....              | .....              | .....                    | 25                              | 84                        | .....           | .....                  | 1,070   | 00   |
| .....          | .....     | .....             | 12,296    | .....              | .....              | .....                    | .....                           | 107                       | .....           | .....                  | 1,256   | 35   |
| .....          | .....     | .....             | 10,020    | .....              | .....              | .....                    | 25                              | 70                        | .....           | .....                  | 1,094   | 50   |
| .....          | 200       | 2                 | 12,387    | 226                | .....              | 100                      | 75                              | 122                       | 54              | 3,240                  | 4,613   | 20   |
| 7,000          | .....     | .....             | .....     | .....              | .....              | .....                    | .....                           | .....                     | .....           | .....                  | 560     | 00   |
| .....          | 4,000     | 20                | 23,400    | 4                  | 10                 | .....                    | 20                              | 20                        | 17              | 1,020                  | 3,643   | 00   |
| .....          | 4,100     | 15                | 5,210     | 11                 | 125                | .....                    | 25                              | 50                        | .....           | .....                  | 1,707   | 50   |
| .....          | 1,350     | 145               | 2,830     | 57                 | 1,090              | .....                    | 65                              | 1,500                     | .....           | .....                  | 5,544   | 50   |
| .....          | 1,975     | 235               | 3,775     | 28                 | 981                | .....                    | 320                             | 1,050                     | .....           | .....                  | 6,035   | 75   |
| .....          | .....     | .....             | 1,950     | .....              | .....              | .....                    | .....                           | .....                     | .....           | .....                  | 195     | 00   |
| .....          | 5,325     | 1,695             | 850       | 11                 | 310                | .....                    | 51                              | 185                       | .....           | .....                  | 10,543  | 00   |
| .....          | 16,700    | 1,870             | 900       | 105                | 1,110              | .....                    | 300                             | 935                       | .....           | .....                  | 17,019  | 25   |
| .....          | 4,925     | 3,800             | 750       | 123                | 2,435              | .....                    | 770                             | 183                       | .....           | .....                  | 30,115  | 00   |
| .....          | 2,000     | .....             | 1,105     | 81                 | 605                | .....                    | 175                             | 150                       | .....           | .....                  | 3,157   | 00   |
| 4,000          | .....     | .....             | .....     | .....              | .....              | .....                    | .....                           | .....                     | .....           | .....                  | 320     | 00   |
| 3,000          | .....     | 400               | .....     | .....              | .....              | .....                    | .....                           | .....                     | .....           | .....                  | 2,240   | 00   |
| .....          | 1,835     | 822               | .....     | 3                  | 352                | .....                    | 30                              | 480                       | .....           | .....                  | 5,673   | 15   |
| .....          | 322       | 55                | .....     | .....              | 12                 | .....                    | .....                           | 60                        | .....           | .....                  | 1,082   | 48   |
| .....          | 407       | 450               | .....     | .....              | 97                 | .....                    | .....                           | 225                       | .....           | .....                  | 3,044   | 88   |
| .....          | 285       | 310               | .....     | .....              | 42                 | .....                    | 15                              | 185                       | .....           | .....                  | 2,389   | 90   |
| .....          | 707       | 2,855             | .....     | .....              | 187                | .....                    | 26                              | 2,390                     | .....           | .....                  | 15,812  | 13   |
| 10,000         | .....     | .....             | 750       | .....              | .....              | .....                    | .....                           | .....                     | .....           | .....                  | 912     | 50   |
| .....          | .....     | .....             | 2,125     | .....              | .....              | .....                    | .....                           | .....                     | .....           | .....                  | 227     | 50   |
| .....          | 1,800     | 1,000             | .....     | .....              | 100                | .....                    | .....                           | .....                     | .....           | .....                  | 5,529   | 50   |
| .....          | .....     | 3,000             | .....     | .....              | 200                | .....                    | .....                           | .....                     | .....           | .....                  | 15,981  | 00   |
| .....          | .....     | 4,200             | .....     | .....              | 410                | .....                    | .....                           | .....                     | .....           | .....                  | 22,980  | 00   |
| .....          | .....     | 3,631             | .....     | .....              | 445                | .....                    | .....                           | .....                     | .....           | .....                  | 19,512  | 50   |
| .....          | .....     | 50                | .....     | .....              | 20                 | .....                    | .....                           | .....                     | .....           | .....                  | 319     | 00   |
| .....          | .....     | 400               | .....     | .....              | 10                 | .....                    | .....                           | .....                     | .....           | .....                  | 2,036   | 00   |
| .....          | .....     | 200               | .....     | .....              | 50                 | .....                    | .....                           | .....                     | .....           | .....                  | 1,285   | 00   |
| .....          | .....     | 120               | .....     | .....              | 15                 | .....                    | .....                           | .....                     | .....           | .....                  | 645     | 00   |
| .....          | .....     | 10                | .....     | .....              | .....              | .....                    | .....                           | .....                     | .....           | .....                  | 50      | 00   |
| .....          | .....     | 20                | .....     | .....              | .....              | .....                    | .....                           | .....                     | .....           | .....                  | 530     | 50   |
| .....          | .....     | 400               | .....     | .....              | .....              | .....                    | 6                               | 200                       | .....           | .....                  | 2,068   | 00   |
| 24,000         | 66,188    | 25,705            | 161,368   | 1,449              | 8,636              | 3,722                    | 2,063                           | 8,086                     | 71              | 4,260                  | 208,597 | 72   |

RETURN of Fishing Stations, Number and Value of Nets, together with the Yield, St. Lawrence, from Quebec to

| NAMES OF PLACES.                             | KINDS OF NETS USED. |        |        |                            |        |                  |        |                |        |
|--|---------------------|--------|--------|----------------------------|--------|------------------|--------|----------------|--------|
|  | Salmon Nets.        |        |        | Brush Fisheries with Nets. |        | Brush Fisheries. |        | Eel Fisheries. |        |
|  | No.                 | Yards. | Value. | No.                        | Value. | No.              | Value. | No.            | Value. |
| <i>Island of Orleans.</i>                    |                     |        |        |                            |        |                  |        |                |        |
| St. Laurent.....                             | 2                   | 400    | 220    |                            |        |                  |        |                |        |
| St. Jean.....                                | 4                   | 880    | 480    |                            |        |                  |        |                |        |
| St. François (south side of the Island)..... |                     |        |        |                            |        |                  |        | 10             | 104    |
| Argenteny.....                               |                     |        |        | 1                          | 100    |                  |        | 7              | 87     |
| St. François (north side of the Island)..... |                     |        |        |                            |        | 8                | 140    |                |        |
| Ste. Famille.....                            |                     |        |        |                            |        | 9                | 180    |                |        |
| <i>North Coast.</i>                          |                     |        |        |                            |        |                  |        |                |        |
| Chateau Richer.....                          |                     |        |        |                            |        | 4                | 107    |                |        |
| Ste. Anne.....                               |                     |        |        |                            |        | 4                | 80     | 2              | 22     |
| St. Joachim.....                             |                     |        |        | 5                          | 1800   |                  |        | 22             | 483    |
| Baie St. Paul and neighbouring lakes.....    |                     |        |        |                            |        |                  |        | 58             | 1700   |
| Isle aux Coudres.....                        |                     |        |        |                            |        | 26               | 246    | 52             | 595    |
| Les Eboulements.....                         |                     |        |        |                            |        | 21               | 256    | 51             | 475    |
| St. Irénée.....                              |                     |        |        |                            |        | 13               | 148    | 5              | 63     |
| Malbaie.....                                 | 1                   | 90     | 15     |                            |        | 17               | 230    | 22             | 124    |
| St. Fidèle.....                              | 2                   | 318    | 46     |                            |        | 6                | 81     |                |        |
| St. Simeon.....                              | 1                   | 188    | 35     |                            |        | 3                | 32     |                |        |
| Rivière aux Canards.....                     | 1                   | 180    | 40     |                            |        | 2                | 26     |                |        |
| <i>Saguenay Division.</i>                    |                     |        |        |                            |        |                  |        |                |        |
| Port aux Quilles.....                        | 1                   | 120    | 60     |                            |        | 1                | 20     |                |        |
| Baie des Rochers.....                        |                     |        |        |                            |        | 1                | 10     |                |        |
| Petites Isles.....                           | 1                   | 120    | 60     |                            |        | 1                | 6      |                |        |
| Poste St. Martin.....                        |                     |        |        |                            |        | 4                | 24     |                |        |
| Anse au Sable.....                           |                     |        |        |                            |        | 1                | 6      |                |        |
| Grande Baie.....                             |                     |        |        |                            |        | 2                | 12     |                |        |
| Rivière aux Canards.....                     |                     |        |        |                            |        | 1                | 15     |                |        |
| Pointe au Bouleau.....                       |                     |        |        |                            |        | 2                | 55     |                |        |
| Anse Ste. Catherine.....                     |                     |        |        |                            |        | 2                | 60     |                |        |
| Tadoussac.....                               |                     |        |        |                            |        |                  |        |                |        |
| Pointe Rouge.....                            | 1                   | 200    | 100    |                            |        | 1                | 30     |                |        |
| Moulin Baude.....                            | 1                   | 160    | 60     |                            |        |                  |        |                |        |
| Anse Puante.....                             | 1                   | 160    | 60     |                            |        |                  |        |                |        |
| Pointe à la Cariole.....                     | 1                   | 200    | 100    |                            |        |                  |        |                |        |
| Anse aux Pilotes.....                        | 1                   | 200    | 100    |                            |        |                  |        |                |        |
| Grandes Bergeronnes.....                     | 1                   | 200    | 100    |                            |        | 1                | 30     |                |        |
| Bon Désir.....                               |                     |        |        |                            |        | 1                | 10     |                |        |
| Escoumains.....                              |                     |        |        |                            |        |                  |        |                |        |
| Islets Boisés.....                           | 1                   | 120    | 30     |                            |        | 1                | 30     |                |        |
| Anse à Pelletier.....                        |                     |        |        |                            |        | 2                | 12     |                |        |
| Islets Penchés.....                          | 2                   | 220    | 80     |                            |        | 1                | 25     |                |        |
| Petite Escoumains.....                       |                     |        |        |                            |        | 1                | 25     |                |        |
| Petite Romaine.....                          |                     |        |        |                            |        | 1                | 20     |                |        |
| Baie des Bacons.....                         |                     |        |        |                            |        | 2                | 60     |                |        |
| Sault au Mouton.....                         |                     |        |        |                            |        | 2                | 55     |                |        |
| Mille Vaches.....                            |                     |        |        |                            |        | 4                | 140    |                |        |
| Point Boisvert.....                          | 1                   | 140    | 40     |                            |        |                  |        |                |        |

Value and Kinds of Fish, &c., within the Districts on the North Side of the River Bersimis, during the Year 1884.

| KINDS OF FISH. |             |              |                   |              |                    |                    |                          |                |            |                                 |                           |                   | VALUE. |            |                      |
|----------------|-------------|--------------|-------------------|--------------|--------------------|--------------------|--------------------------|----------------|------------|---------------------------------|---------------------------|-------------------|--------|------------|----------------------|
| Salmon, lbs.   | Trout, lbs. | No. of Shad. | Herring, barrels. | No. of Eels. | Sturgeon, barrels. | Sardines, barrels. | Bar and White Fish, doz. | Pickarel, lbs. | Pike, lbs. | Coarse and Small Fish, barrels. | Fish for Manure, barrels. | No. of Winnowish. |        | Porpoises. | Porpoise Oil, galls. |
| 1300           |             | 1700         |                   | 50           | 2                  |                    | 118                      |                |            |                                 |                           |                   |        |            | \$ 510 50            |
| 2450           |             | 1725         |                   | 4250         | 6                  |                    | 368                      |                |            |                                 |                           |                   |        |            | 1,425 25             |
|                |             |              |                   | 2250         |                    |                    |                          |                |            |                                 |                           |                   |        |            | 225 00               |
|                |             |              |                   | 2750         |                    |                    |                          |                |            |                                 |                           |                   |        |            | 275 00               |
|                |             |              |                   | 1455         | 22                 |                    | 248                      | 3780           |            |                                 | 33                        |                   |        |            | 856 30               |
|                |             |              |                   | 1850         | 48                 |                    | 186                      | 3000           |            |                                 | 65                        |                   |        |            | 967 50               |
|                |             |              |                   |              |                    |                    |                          |                |            |                                 |                           |                   |        |            |                      |
|                |             |              |                   | 130          | 26                 |                    | 46                       | 2020           |            |                                 | 25                        |                   |        |            | 371 70               |
|                |             |              |                   | 1500         | 49                 |                    | 82                       | 1680           |            |                                 | 9                         |                   |        |            | 616 30               |
|                |             |              |                   | 20601        | 9                  |                    | 123                      | 5400           |            |                                 |                           |                   |        |            | 2,582 85             |
| 120            | 30300       |              |                   | 31200        | 13                 | 20                 | 400                      |                |            | 40                              | 40                        |                   |        |            | 5,671 00             |
|                |             |              |                   | 4288         | 13                 | 13                 |                          |                |            |                                 | 221                       |                   | 8      | 480        | 860 05               |
|                |             |              |                   | 1887         |                    | 17                 |                          |                |            |                                 | 89                        |                   | 4      | 240        | 397 95               |
|                |             |              |                   | 43           |                    | 19                 |                          |                |            |                                 | 102                       |                   |        |            | 86 80                |
| 530            | 1000        |              | 3                 | 1682         |                    | 51                 |                          |                |            |                                 | 283                       |                   |        |            | 546 45               |
| 560            | 400         |              |                   |              |                    | 18                 |                          |                |            |                                 | 127                       |                   |        |            | 193 75               |
| 650            |             |              |                   |              |                    | 3                  |                          |                |            |                                 | 17                        |                   |        |            | 110 75               |
| 420            | 4000        |              |                   |              |                    | 3                  |                          |                |            |                                 | 6                         |                   |        |            | 313 50               |
|                |             |              |                   |              |                    |                    |                          |                |            |                                 |                           |                   |        |            |                      |
| 200            |             |              |                   |              |                    | 4                  |                          |                |            |                                 | 50                        |                   |        |            | 142 00               |
| 420            |             |              | 10                |              |                    | 2                  |                          |                |            |                                 | 25                        |                   |        |            | 106 00               |
|                |             |              |                   |              |                    |                    |                          |                |            |                                 | 1                         |                   |        |            | 65 00                |
|                |             |              |                   | 400          |                    |                    |                          |                |            |                                 | 27                        |                   |        |            | 94 00                |
|                |             |              |                   | 200          |                    |                    |                          |                |            |                                 | 10                        |                   |        |            | 40 00                |
|                |             |              |                   | 100          |                    |                    |                          |                |            |                                 | 15                        |                   |        |            | 40 00                |
|                |             |              |                   | 200          |                    |                    |                          |                |            |                                 |                           |                   |        |            | 20 00                |
| 290            | 100         |              | 4                 |              |                    | 6                  |                          |                |            |                                 | 100                       |                   |        |            | 287 50               |
| 90             |             |              | 5                 |              |                    |                    |                          |                |            |                                 | 50                        |                   |        |            | 174 50               |
| 1950           |             |              | 2                 |              |                    | 12                 |                          |                |            |                                 | 150                       |                   |        |            | 310 00               |
| 800            |             |              | 2                 |              |                    |                    |                          |                |            |                                 |                           |                   |        |            | 302 50               |
| 230            |             |              |                   |              |                    |                    |                          |                |            |                                 |                           |                   |        |            | 120 00               |
| 1400           |             |              |                   |              |                    |                    |                          |                |            |                                 |                           |                   |        |            | 34 50                |
| 1520           |             |              |                   |              |                    |                    |                          |                |            |                                 |                           |                   |        |            | 210 00               |
| 40             |             |              |                   |              |                    |                    |                          |                |            |                                 |                           |                   |        |            | 228 00               |
|                |             |              | 10                |              |                    | 5                  |                          |                |            |                                 | 15                        |                   |        |            | 101 00               |
|                |             |              | 1                 |              |                    | 10                 |                          |                |            |                                 | 10                        |                   |        |            | 55 00                |
|                |             |              | 6                 |              |                    | 2                  |                          |                |            |                                 |                           |                   |        |            | 36 00                |
| 300            |             |              |                   |              |                    |                    |                          |                |            |                                 |                           |                   |        |            | 45 00                |
|                |             |              |                   | 600          | 1                  |                    |                          |                |            |                                 |                           |                   |        |            | 65 00                |
| 1500           |             |              | 15                |              |                    | 5                  |                          |                |            |                                 |                           |                   |        |            | 315 00               |
|                |             |              | 10                |              |                    | 6                  |                          |                |            |                                 |                           |                   |        |            | 68 00                |
|                |             |              | 1                 |              |                    | 1                  |                          |                |            |                                 |                           |                   |        |            | 8 00                 |
|                | 200         |              | 20                |              |                    | 6                  |                          |                |            |                                 |                           |                   |        |            | 130 00               |
|                |             |              | 12                |              |                    | 2                  |                          |                |            |                                 |                           |                   |        |            | 66 00                |
|                |             |              | 210               |              |                    | 17                 |                          |                |            |                                 |                           |                   |        |            | 1,101 00             |
| 760            |             |              |                   |              |                    |                    |                          |                |            |                                 |                           |                   |        |            | 114 00               |

RETURN of Fishing Stations, Number and Value of Nets, together with the Yield,  
St. Lawrence,

| NAMES OF PLACES.  | KINDS OF NETS USED. |        |        |                            |                  |     |                |     |        |
|---|---------------------|--------|--------|----------------------------|------------------|-----|----------------|-----|--------|
|   | Salmon Nets.        |        |        | Brush Fisheries with Nets. | Brush Fisheries. |     | Eel Fisheries. |     |        |
|   | No.                 | Yards. | Value. | No.                        | Value.           | No. | Value.         | No. | Value. |
| <i>Saguenay Division—Concluded.</i>                       |                     |        |        |                            |                  |     |                |     |        |
| Portneuf.....   | 1                   | 120    | 30     |                            |                  |     |                |     |        |
| Sault au Cochon.....                                      | 1                   | 52     | 20     |                            |                  |     |                |     |        |
| Bersimis.....   |                     |        |        |                            |                  | 1   | 15             |     |        |
| From Rivière aux Canards to Bersimis (Inland Waters)..... |                     |        |        |                            |                  |     |                |     |        |
| <i>Lake St. John Division.</i>                            |                     |        |        |                            |                  |     |                |     |        |
| St. Joseph d'Alma.....                                    |                     |        |        | } Winnonish Nets.          |                  |     |                |     |        |
| Signal.....   | 55                  | 3300   | 275    |                            |                  |     |                |     |        |
| Metabetchouan, East.....                                  | 35                  | 2100   | 175    |                            |                  |     |                |     |        |
| do West.....  | 40                  | 2400   | 200    |                            |                  |     |                |     |        |
| Charlevoix.....   | 50                  | 3000   | 250    |                            |                  |     |                |     |        |
| Roberval.....   | 50                  | 3000   | 250    |                            |                  |     |                |     |        |
| Ouitchouan.....   | 40                  | 2400   | 200    |                            |                  |     |                |     |        |
| Labarre and neighbouring lakes.....                       |                     |        |        |                            |                  |     |                |     |        |
| <i>Inland Waters, County of Charlevoix.</i>               |                     |        |        |                            |                  |     |                |     |        |
| Grand Lake Nairne.....                                    |                     |        |        |                            |                  |     |                |     |        |
| Little do.....  |                     |        |        |                            |                  |     |                |     |        |
| Lake Pieds des Monts.....                                 |                     |        |        |                            |                  |     |                |     |        |
| do Long.....  |                     |        |        |                            |                  |     |                |     |        |
| do Pointe Jérémie and others.....                         |                     |        |        |                            |                  |     |                |     |        |
| Totals.....   | 295                 | 20268  | 3026   | 6                          | 1900             | 145 | 2186           | 229 | 3653   |

Value and Kinds of Fish, &c., within the Districts on the North Side of the River &c.—*Concluded.*

| KINDS OF FISH. |             |              |                   |              |                    |                    |                          |               |            |                                 |                           |                   |            | VALUR. |                      |           |
|----------------|-------------|--------------|-------------------|--------------|--------------------|--------------------|--------------------------|---------------|------------|---------------------------------|---------------------------|-------------------|------------|--------|----------------------|-----------|
| Salmon, lbs.   | Trout, lbs. | No. of Shad. | Herring, barrels. | No. of Eels. | Sturgeon, barrels. | Sardines, barrels. | Bar and White Fish, doz. | Pickrel, lbs. | Pike, lbs. | Coarse and Small Fish, barrels. | Fish for Manure, barrels. | No. of Winnonish. | Porpoises. |        | Porpoise Oil, galls. |           |
| 800            | .....       | .....        | .....             | .....        | .....              | 1                  | .....                    | .....         | .....      | 4                               | .....                     | .....             | .....      | .....  | \$                   | cts.      |
| 90             | .....       | .....        | .....             | .....        | .....              | .....              | .....                    | .....         | .....      | .....                           | .....                     | .....             | .....      | .....  |                      | 131 00    |
| 100            | .....       | .....        | 1                 | .....        | .....              | 1                  | .....                    | .....         | .....      | .....                           | .....                     | .....             | .....      | .....  |                      | 13 50     |
| 420            | 230000      | .....        | .....             | .....        | .....              | .....              | .....                    | .....         | .....      | .....                           | .....                     | .....             | .....      | .....  |                      | 14 00     |
| .....          | .....       | .....        | .....             | .....        | .....              | .....              | .....                    | .....         | .....      | .....                           | .....                     | .....             | .....      | .....  |                      | 13,863 00 |
| .....          | .....       | .....        | .....             | .....        | .....              | .....              | 2000                     | 2500          | 3400       | .....                           | .....                     | 4300              | .....      | .....  |                      | 3,929 00  |
| .....          | .....       | .....        | .....             | .....        | .....              | .....              | 40                       | 2500          | 600        | 25                              | .....                     | 2500              | .....      | .....  |                      | 911 00    |
| .....          | .....       | .....        | .....             | .....        | .....              | .....              | 25                       | 2000          | 500        | 25                              | .....                     | 1800              | .....      | .....  |                      | 681 25    |
| .....          | .....       | .....        | .....             | .....        | .....              | .....              | 30                       | 1500          | 300        | 20                              | .....                     | 2000              | .....      | .....  |                      | 685 50    |
| .....          | .....       | .....        | .....             | .....        | .....              | .....              | 80                       | 3500          | 1000       | 15                              | .....                     | 3000              | .....      | .....  |                      | 1,150 00  |
| .....          | .....       | .....        | .....             | .....        | .....              | .....              | 7500                     | 1500          | 100000     | .....                           | .....                     | 9500              | .....      | .....  |                      | 18,650 00 |
| .....          | 4200        | .....        | .....             | .....        | .....              | .....              | 50                       | 2000          | 800        | 30                              | .....                     | 2500              | .....      | .....  |                      | 915 50    |
| .....          | .....       | .....        | .....             | .....        | .....              | .....              | .....                    | .....         | .....      | .....                           | .....                     | .....             | .....      | .....  |                      | 252 00    |
| .....          | 4000        | .....        | .....             | .....        | .....              | .....              | .....                    | .....         | .....      | .....                           | .....                     | .....             | .....      | .....  |                      | 240 00    |
| .....          | 5000        | .....        | .....             | .....        | .....              | .....              | .....                    | .....         | .....      | .....                           | .....                     | .....             | .....      | .....  |                      | 300 00    |
| .....          | 2000        | .....        | .....             | .....        | .....              | .....              | .....                    | .....         | .....      | .....                           | .....                     | .....             | .....      | .....  |                      | 120 00    |
| .....          | 3000        | .....        | .....             | .....        | .....              | .....              | .....                    | .....         | .....      | .....                           | .....                     | .....             | .....      | .....  |                      | 180 00    |
| .....          | 6000        | .....        | .....             | .....        | .....              | .....              | .....                    | .....         | .....      | .....                           | .....                     | .....             | .....      | .....  |                      | 360 00    |
| 16840          | 290300      | 3425         | 312               | 75436        | 189                | 224                | 11286                    | 44880         | 106600     | 743                             | 855                       | 25600             | 12         | 720    |                      | 62,684 40 |

RETURN of Fishing Stations, Number and Value of Nets, together with the Yield, Value and Kinds of Fish, &c., within the District extending from Quebec to the Upper Ottawa, during the Year 1884.

| NAMES OF PLACES.                              | KINDS OF FISH USED. |              |              |            |                |             | KINDS OF FISH. |               |               |                |                  |                  |               |                 |               |                             | VALUE.<br>\$ cts. |
|---|---------------------|--------------|--------------|------------|----------------|-------------|----------------|---------------|---------------|----------------|------------------|------------------|---------------|-----------------|---------------|-----------------------------|-------------------|
|   | Gill Nets.          |              | Seines.      |            | Bel Fisheries. |             | Trout, lbs.    | No. of Shad.  | No. of Hcls.  | Sturgeon, lbs. | White Fish, lbs. | Maskinonge, lbs. | Bass, lbs.    | Pickereil, lbs. | Pike, lbs.    | Coarse and Small Fish, lbs. |                   |
|   | No.                 | Yards.       | Value.       | No.        | Value.         | No.         |                |               |               |                |                  |                  |               |                 |               |                             |                   |
| Richelieu Division.....                       | 110                 | 1100         | \$ 55        | 105        | 2100           | 322         | 3220           | 7000          | 13700         | 150000         | 2080             | 4560             | 2500          | 26500           | 3500          | 120000                      | 8,246 20          |
| Verchères do .....                            | 100                 | 1473         | 430          | 33         | 300            | 650         | 872            | 7220          | 15580         | 3290           | 2814             | 1775             | 489           | 1500            | 1393          | 54800                       | 4,134 79          |
| Chambly and Iberville Division...             | 538                 | .....        | 6500         | 23         | 600            | 3           | 62000          | 6500          | 50755         | 705            | .....            | 460              | 6255          | 5915            | 13800         | 635200                      | 20,165 15         |
| Chateauguay and Beauharnois Division.....     | 300                 | .....        | 900          | 23         | 500            | 14          | 130            | .....         | 30400         | 22700          | .....            | 23000            | 154700        | 95500           | 136600        | 475000                      | 42,361 00         |
| Missisquoi Bay Division.....                  | 21                  | 2055         | 810          | .....      | .....          | .....       | .....          | 6500          | .....         | .....          | .....            | .....            | .....         | 30960           | .....         | 38200                       | 3,890 80          |
| Magog and Brome Division.....                 | .....               | .....        | .....        | .....      | .....          | .....       | .....          | 18000         | .....         | .....          | .....            | .....            | 4600          | 1200            | 40000         | 12000                       | 4,144 00          |
| Sherbrooke and Mégantic Division.....         | .....               | .....        | .....        | .....      | .....          | .....       | .....          | 6000          | .....         | .....          | .....            | 600              | 8500          | 2000            | 1000          | 34800                       | 3,554 00          |
| Champlain and St. Maurice do * .....          | .....               | .....        | .....        | 34         | 170            | 106         | 408            | 51200         | 31400         | 142000         | 6000             | 12050            | 4000          | 19350           | 55300         | 990000                      | 45,433 00         |
| Berthier, Joliette and Montcalm Division..... | 45                  | 300          | 100          | .....      | .....          | .....       | .....          | 26500         | 1820          | .....          | .....            | 1170             | 810           | 4800            | 4600          | 631250                      | 15,699 40         |
| Montreal Division.....                        | 20                  | 200          | 50           | 39         | 780            | 11          | 55             | 5000          | 17000         | 16500          | 500              | 25000            | 15000         | 25000           | 20000         | 90000                       | 11,015 00         |
| Terrebonne do .....                           | .....               | .....        | .....        | .....      | .....          | .....       | .....          | .....         | 1100          | 18600          | .....            | 4560             | 2765          | 4360            | 8700          | .....                       | 2,128 50          |
| Lake of Two Mountains Division.....           | 20                  | 550          | 70           | .....      | .....          | .....       | .....          | 1400          | 3500          | 35000          | 2000             | 20000            | 3200          | 10000           | 4000          | 30000                       | 5,696 00          |
| Lower Ottawa Division.....                    | 50                  | 1000         | 850          | .....      | .....          | .....       | .....          | 1080          | 5000          | 18000          | 2100             | 5000             | 1700          | 6500            | 10000         | 50000                       | 4,328 00          |
| Argenteuil do .....                           | .....               | .....        | .....        | .....      | .....          | .....       | .....          | 5000          | 5400          | .....          | 3000             | .....            | .....         | .....           | .....         | 15000                       | 1,480 00          |
| Upper Ottawa do .....                         | 320                 | 6500         | 2500         | .....      | .....          | .....       | .....          | 120000        | 7000          | 5800           | .....            | 1800             | .....         | 9400            | .....         | 52100                       | 2,528 00          |
| Gatineau Lakes do .....                       | .....               | .....        | .....        | .....      | .....          | .....       | .....          | .....         | .....         | .....          | 22000            | 13000            | .....         | .....           | .....         | .....                       | 15,000 00         |
| <b>Tot ls.....</b>                            | <b>1574</b>         | <b>13208</b> | <b>12265</b> | <b>322</b> | <b>4450</b>    | <b>1106</b> | <b>66685</b>   | <b>227750</b> | <b>182680</b> | <b>276595</b>  | <b>38494</b>     | <b>95415</b>     | <b>219294</b> | <b>259390</b>   | <b>346553</b> | <b>3207050</b>              | <b>189,803 84</b> |

\*2080 brls. of Tom Cods should be included in this district.

RECAPITULATION of the Quantity and Value of the different Fisheries, from Point Lévis to Cape Chatte, in 1883 and 1884.

| Kinds of Fish.                    | Prices. | 1883.       |            | 1884.       |            |
|-----------------------------------|---------|-------------|------------|-------------|------------|
|                                   |         | Quantities. | Value.     | Quantities. | Value.     |
|                                   |         | \$ cts.     | \$ cts.    | \$ cts.     | \$ cts.    |
| Shad..... No.                     | 0 09    | 140,500     | 12,645 00  | 66,188      | 5,956 92   |
| Eels..... do                      | 0 10    | 241,100     | 24,110 00  | 161,368     | 16,136 80  |
| Herring..... Brls.                | 5 00    | 30,372      | 151,860 00 | 25,705      | 128,525 00 |
| Sturgeon..... do                  | 5 00    | 1,559       | 7,795 00   | 1,449       | 7,245 00   |
| Sardines..... do                  | 3 00    | 15,013      | 45,039 00  | 8,636       | 25,908 00  |
| Salmon..... Lbs.                  | 0 15    | 55,370      | 8,305 50   | 50,860      | 7,629 00   |
| Trout..... do                     | 0 08    | 7,200       | 576 00     | 24,000      | 1,920 00   |
| Whitefish..... Doz                | 1 25    | 3,146       | 3 932 50   | 3,722       | 4,652 50   |
| Porpoise Skins..... No.           | 4 00    | 37          | 148 00     | 71          | 284 00     |
| do Oil..... Galls.                | 0 50    | 2,806       | 1,403 00   | 4,260       | 2,130 00   |
| Coarse fish..... Brls.            | .....   | 2,968       | 5,936 00   | 2,063       | 6,189 00   |
| Fish for manure..... do           | 0 25    | 12,206      | 3,051 50   | 8,086       | 2,021 50   |
| Seal Skins..... No.               | 1 00    | 13          | 13 00      | .....       | .....      |
| do Oil..... Galls.                | 0 60    | 311         | 186 00     | .....       | .....      |
| Total Value of the Fisheries..... | .....   | .....       | 265,001 10 | .....       | 208,597 72 |
| Decrease.....                     | .....   | .....       | .....      | .....       | 56,409 38  |

RECAPITULATION of the Quantity and Value of the different Fisheries, from Quebec to Bersimis, in 1883 and 1884.

| Kinds of Fish.                    | Prices. | 1883.       |           | 1884.       |           |
|-----------------------------------|---------|-------------|-----------|-------------|-----------|
|                                   |         | Quantities. | Value.    | Quantities. | Value.    |
|                                   |         | \$ cts.     | \$ cts.   | \$ cts.     | \$ cts.   |
| Shad..... No.                     | 0 09    | 2,575       | 231 75    | 3,425       | 308 25    |
| Eels..... do                      | 0 10    | 31,339      | 3,133 90  | 75,436      | 7,543 60  |
| Herring..... Brls.                | 5 00    | 664         | 3,320 00  | 312         | 1,560 00  |
| Sturgeon..... do                  | 5 00    | 307         | 1,535 00  | 189         | 945 00    |
| Sardines..... do                  | 3 00    | 267         | 801 00    | 224         | 672 00    |
| Salmon..... Lbs.                  | 0 15    | 19,530      | 2,929 50  | 16,840      | 2,526 00  |
| Trout..... do                     | 0 06    | 316,600     | 18,996 00 | 290,300     | 17,418 00 |
| Pickarel..... do                  | 0 06    | 32,800      | 1,968 00  | 44,880      | 2,692 80  |
| Pike..... do                      | .....   | 114,000     | 4,560 00  | 106,600     | 6,396 00  |
| Bar and Whitefish..... Doz        | 1 25    | 10,904      | 13,630 00 | 11,286      | 14,107 50 |
| Winnonish..... No.                | 0 25    | 21,500      | 5,375 00  | 25,600      | 6,400 00  |
| Mixed fish..... Brls.             | 2 00    | 300         | 600 00    | 743         | 1,486 00  |
| Fish for manure..... do           | 0 25    | 3,230       | 807 50    | 885         | 221 25    |
| Porpoise Skins..... No.           | 4 00    | .....       | .....     | 12          | 48 00     |
| do Oil..... Galls.                | 0 50    | .....       | .....     | 720         | 360 00    |
| Total Value of the Fisheries..... | .....   | .....       | 57,887 65 | .....       | 62,684 40 |
| Increase.....                     | .....   | .....       | .....     | .....       | 4,796 75  |



RECAPITULATION of the Quantity and Value of the different Fisheries, from Quebec to Upper Ottawa, in 1883 and 1884.

| Kinds of Fish.                            | Prices.    | 1883.       |                   | 1884.       |                   |
|---|------------|-------------|-------------------|-------------|-------------------|
|   |            | Quantities. | Value.            | Quantities. | Value.            |
|   |            |             | \$ cts.           |             | \$ cts.           |
| Shad .....                                | No. 0 10   | 49,430      | 4,943 00          | 58,920      | 5,892 00          |
| Eels .....                                | do 0 10    | 208,420     | 20,842 00         | 182,660     | 18,266 00         |
| Sturgeon .....                            | Lbs. 0 05  | 257,708     | 12,885 40         | 276,595     | 13,829 75         |
| Trout .....                               | do 0 08    | 202,100     | 16,168 00         | 227,750     | 18,220 00         |
| Whitefish .....                           | do 0 08    | 45,512      | 3,640 96          | 38,494      | 3,079 52          |
| Maskinonge.....                           | do 0 08    | 149,650     | 11,972 00         | 95,415      | 7,633 20          |
| Bass .....                                | do 0 08    | 181,783     | 14,542 64         | 219,294     | 17,543 52         |
| Pickereel .....                           | do 0 08    | 235,966     | 18,877 28         | 259,390     | 20,751 20         |
| Pike .....                                | do 0 05    | 340,820     | 17,041 00         | 346,553     | 17,327 65         |
| Mixed Fish.....                           | do 0 02    | 2,640,400   | 52,808 00         | 3,207,050   | 64,141 00         |
| Tom Cod .....                             | Bris. 1 50 | 4,000       | 6,000 00          | 2,080       | 3,120 00          |
| <b>Total Value of the Fisheries .....</b> |            |             | <b>179,720 28</b> |             | <b>189,803 84</b> |
| <b>Increase .....</b>                     |            |             |                   |             | <b>10,083 56</b>  |

GENERAL RECAPITULATION.

YIELD and Value of the Fisheries in the whole Province of Quebec for 1884.

| Kinds of Fish.                              | Quantity.     | Value.       |
|---|---------------|--------------|
|   |               | \$    cts.   |
| Salmon, salted .....                        | Brls. 1,122½  | 13,470 00    |
| do fresh, in ice .....                      | Lbs. 395,443  | 36,374 44    |
| do canned .....                             | do 4,715      | 607 25       |
| Cod .....                                   | Cwt. 168,165  | 672,660 00   |
| Haddock .....                               | do 681        | 2,724 00     |
| Ling .....                                  | do 155        | 620 00       |
| Halibut .....                               | Brls. 262     | 1,572 00     |
| Herring, pickled .....                      | do 66,287     | 291,165 00   |
| do smoked .....                             | Boxes. 4,769  | 1,177 25     |
| Shad .....                                  | No. 128,533   | 12,157 17    |
| Eels .....                                  | do 419,464    | 41,946 40    |
| do pickled .....                            | Brls. 107     | 749 00       |
| Mackerel .....                              | do 1,584      | 12,627 00    |
| Sardines .....                              | do 8,895      | 26,720 00    |
| Sturgeon .....                              | do 1,638      | 8,190 00     |
| do .....                                    | Lbs. 276,595  | 13,829 75    |
| Trout .....                                 | do 542,050    | 37,558 00    |
| do pickled .....                            | Brls. 146½    | 1,172 00     |
| Winnonish .....                             | No. 25,600    | 8,400 00     |
| Bar and Whitefish .....                     | Doz. 15,068   | 18,760 00    |
| Whitefish .....                             | Lbs. 38,494   | 3,079 52     |
| Maskinonge .....                            | do 95,415     | 7,633 20     |
| Bass .....                                  | do 219,294    | 17,543 52    |
| Pickarel .....                              | do 304,270    | 23,444 00    |
| Pike .....                                  | do 453,153    | 23,723 65    |
| Tom Cod .....                               | Brls. 2,050   | 3,120 00     |
| Cod Tongues and Sounds .....                | do 420        | 3,780 00     |
| Lobsters .....                              | Cans. 788,263 | 118,242 45   |
| Mixed and small Fish .....                  | Brls. 18,841  | 71,816 00    |
| Seal Skins .....                            | No. 10,369    | 10,369 00    |
| Porpoise Skins .....                        | do 83         | 332 00       |
| Seal Oil .....                              | Galls. 50,070 | 25,035 00    |
| Whale Oil .....                             | do 4,640      | 2,320 00     |
| Cod Oil .....                               | do 83,391     | 41,695 50    |
| Porpoise Oil .....                          | do 5,286      | 2,643 00     |
| Bait and Manure .....                       | Brls. 73,541  | 66,812 75    |
| Local consumption (not included above)..... | do 18,123     | 72,492 00    |
|   |               | 1,694,560 85 |

No. 6.

## PRINCE EDWARD ISLAND.

ALBERTON, 31st December, 1884.

To the Honorable  
The Minister of Marine and Fisheries.

SIR,—I have the honor to transmit the Inspector's Annual Report on the fisheries of this Province, together with tabulated statements of the yield and value of the different kinds of fish and fishery products for the year 1884.

## SUMMARY.

The past year has been a poor one for the fisheries, the shortcoming in value, as compared with the preceding year, being no less than \$186,849.25 short of 1883. Excepting on lobsters, on which there is an unlooked-for excess, the deficit ranges over all the fisheries, the large shortcoming in mackerel being 11,304 barrels; on herring, 10,223 barrels; and on cod, 6,859 cwt. The falling off in catch may be attributed rather to protracted bad weather than to scarcity of fish.

Statistics of fishing force and plant, as given by the wardens' returns, show 47 fishing vessels, with an aggregate tonnage of 1,764 tons, manned by 282 men—being a considerable increase—and 1,163 boats, spreading 58,417 fathoms of nets, with 3,738 men, giving a crew of a little over three men to a boat. Last year were owned and used in the Province, thirteen seines; this year, thirty-eight. Cod gill-nets have been given up as unsuccessful.

Herring were not nearly so abundant as last year. Bait for the other sea fisheries was, therefore, somewhat scarce, and much had to be imported. Of the total quantity of 36,217 barrels of herring taken, only 7,691 barrels were put up for food, and the remainder used as bait. In like manner, of the 1,483 barrels of gaspereaux, only 414 were for food.

Haddock show a small falling off; cod, a large deficiency, the figures being, last year, 26,702 cwt., and this year, 19,843. The catch of hake reached about the average of past years—say, 9,231 cwt. Although this deficit is partly attributable to bad weather, it is also partly owing to the circumstance that this—the most reliable of all fisheries—was not pursued with the energy that men exhibit in fishing for mackerel. A large number of New Brunswick and some Nova Scotia boats were fishing chiefly off North Cape, and did better than ours, their boats being larger and better equipped.

The mackerel fishery is very largely under the average of past years—only 16,866 barrels taken in all. No great body of fish appeared in the Gulf until far on in the season, and when they did come the weather was continuously unfavorable, with heavy gales and excessive rainfall, and the fish would not bite. Excepting a few lucky crews it has been a poor year for the hook-and-line fishers. More seining was done by Island fishermen than heretofore and, as a rule, they did fairly. Several new vessels were afloat. The mackerel taken were of good size and quality. Canning of mackerel shows in the returns for only a few hundred cans as against nearly half a million cans last year. A large fleet of American vessels fished off the Island. A reliable correspondent at the Gut of Canso informs me that the exact number of American seiners that passed there on the way to the Bay was 180,

having an average of two seine boats and two seines per schooner. Of these nearly sixty sail returned home about the middle of the season with poor catch. Those who remained did better; in fact, a good many filled up. Notwithstanding unfavorable weather four schooners were reported "high line" having taken respectively, 1,057, 1,000, 900 and 880 barrels. The total catch of the American Bay fleet is given, on Gloucester, U.S., authority, at 26,800 barrels, that is to say, 10,000 barrels more than the whole Island catch.

Contrary to all expectations lobster fishing turned out largely in excess of last year. Packers admit it has been an extraordinary season. Speaking within compass and allowing for exaggeration in the returns, the catch has been, at the least 400,000 cans better than last year; the figures make it 495,282, notwithstanding that ice was a month later in breaking up. The extension of fishing time to 30th August was not of general benefit, many factories, from injury by storms and for other causes, having taken up their traps before that date. Ninety-five factories were in operation. Lobsters were of fair quality, but the average size seems to require five lobsters to fill a 1-pound can.

From stormy weather and for some local reasons oyster fishing has not been quite so actively pursued. Catch, 28,320 barrels, being under that of last year. In the course of the summer I was requested from Germany, for the information of the Germanic Government's Scientific Commission for exploration of the German seas, to make a series of observations on the salinity and temperature of the water in which natural beds of oysters are found in this part of the lower Gulf of St. Lawrence. The information was sought with a view to experimenting on the culture of Canadian oysters (*ostrea Canadensis*) on the coast of Schleswig-Holstein, should the conditions of the water there be suitable. Eighty-two observations were made of water drawn from the principal Island oyster beds at various depths. As our beds are in comparatively shallow water, it was found that the temperature of water varied so little from the air temperature of the hour that no reliable data could be drawn as to the maximum or minimum consistent with oyster life. The readings ranged from 20.5 degrees of the thermometer of Celsius, in August, to 1.5 degrees in November. Observations on salinity were more definite and seem to establish a range within which oyster growth is assured and outside of which it is problematical. This range is between 14 degrees and 22 degrees of areometer (in one instance 23°). Should further observation confirm this, the knowledge is of the highest importance in laying down beds for artificial culture. Other items of interest were developed in course of the investigation. Late in the season a sample barrel of brood oysters were shipped to Hamburg *via* New York, with a view to test the chances of enduring an Atlantic winter voyage. Receipt has not yet been acknowledged, but should the oysters arrive in good condition it will be an interesting experiment in acclimatization. A full report on the subject was transmitted to the Commission through the Canadian Department of Marine and Fisheries. The instruments used in the investigation were sent from Berlin—L. Steger, Kiel, maker.

Our streams are in good angling condition and well stocked with trout. The product has been large.

The minor fisheries and fishing products call for no special remark.

#### HERRING.

The state of the herring fishery in this Province deserves observation. It has practically ceased to be a commercial fishery, and has become a mere fishery of bait for other fish. In 1883, which was an exceptionally good year, only about 5,000 barrels were put up as food, out of 45,000 landed, the remainder being used as bait for mackerel, cod and lobsters. This year, of 36,217 barrels, only 7,691 were used as food.

A question arises whether herring are entitled to fishing bounty when used merely as bait for other fish, on which a second bounty is claimed. For instance, bounty was paid, in 1883, on 33,159 barrels of bait herring, equal to 6,631,800 pounds weight, equivalent to 2,655 men's catch, with nothing to show for it, excepting the

catch of mackerel and cod, on which bounty was further paid. This year's claims will be presented on over 5,000,000 pounds weight of herring used wholly as bait, and again on a like quantity of 5,000,000 pounds weight of cod, hake and mackerel, caught by such bait. It may be here mentioned that the wardens' returns set down the number of boats employed in the sea fisheries (exclusive of lobster dories) at 1,163, and the number of men at 3,738, thus giving for each boat, large and small, a crew of very little more than three men regularly at sea.

This year the fish did not come in as usual, within a few days on all parts of the coast alike, but struck the east end of the Island in great abundance, while to the westward they were scarce. Along the whole coast, from North Cape to Campbellton and beyond, usually a good fishing ground, almost none were taken excepting an average at Mimiugash and some good hauls off Nail Pond. On the other hand, along the north of King's County they were very numerous and of unusually good quality. While fishing masters on the west were thus straitened in their supply for bait, and had to import cargoes of herring from the Magdalen Islands, Anticosti and elsewhere, fishermen on the east of King's County, especially at Cardigan Bay, were selling surplus herring as bait to the American seiners. At Newport, Lot 54, the fishermen look on this as a business to be pursued in future. From Grand River, King's, the warden reports herring sold to the Americans for bait to the extent of \$1,000. In Georgetown harbour the schools were unprecedented, large numbers having been taken around the railway and ferry wharves. The length of nets set this year was 58,417 fathoms.

It will be seen from the above figures that no considerable export is to be looked for until a direct market (in the West Indies, perhaps) shall excite our fishermen to supply the demand for food fish at a higher rate than can be got for bait. When that time comes, and even now, much might be done to increase the catch. With only the above-named fathoms of net—a comparatively small stretch, for our line of coast and bays—no greater results can be anticipated. In British waters drift nets are mainly used, and the shelving, sandy bottom of the Gulf is favourable to their use. This would necessitate the use of larger boats, owned on shares and that could put to sea, two improvements I have always advocated, and of which the fishermen themselves are now beginning to perceive the desirability.

The use of drift nets and seines by our own fishermen would partially remedy a grievance, in which is much cause of complaint, namely, the waste of herring by Americans. Home seines, being so near home, would utilize all the fish they catch. Americans come to the Gulf for mackerel only, and throw overboard all else, as they are only fitted with salt and barrels equal to their tonnage capacity of mackerel. The grievance is thus stated by a fisherman of Malpeque, under date of 4th August. "The mode of procedure of our American neighbours who follow the mackerel seining business on our coast is this: When the seiners see a shoal of fish they get into their seine boats and throw their seine around the shoal and *purse her up*. They then get their vessel alongside and begin hailing the fish on the deck of the vessel. When the fish in the shoal are mostly herring they may get 300 barrels at a dip. Probably 20 per cent. of those are mackerel the remainder are herring. They then pick the mackerel out and dump the herring overboard dead—say 240 barrels, and those herrings, when packed, are worth from \$3 to \$4 per barrel. One American captain told the writer, this day, that he was sure he threw 1,000 barrels overboard this season. It does not require much of an adept at figures to compute the loss to our fishery by 200 or 300 sail of vessels, assuming the above as a basis. It is not alone of the fish they destroy we have to complain; but the dead herring they throw overboard feed the cod, lobster and other fish, and prevent them from taking the hook. Take it all in all, it is a bad business." Warden Aylward, in the official report of his district, makes the same complaint. He says, of date 5th December: "American seining is ruining the fishery on our shores. Our own fishermen are always complaining. The seine is thrown around a shoal of fish supposed to be mackerel. It is drawn out of the water and proves to be herring. Then those fish are all dead. They are dumped overboard

and some 300 or 400 barrels of fish go floating about in the sea dead. It is quite common these few summers past." The basis of these complaints is undeniable; a remedy is less easy to provide.

It has been mentioned in previous reports that herring is here altogether a spring fishery, and although fall herring are known to be plenty, within easy reach, and several persons have expressed an intention of fishing them nothing has yet been done in that way. The warden at North Lake, King's, mentions as unusual that this year herring were taken on both sides of East Cape as late as the 10th and 11th of November.

As this report, when published, will probably be read by many of our fishermen a summary of the observations of the Fishery Commission, of which Professor Ewarts was chairman, seems of sufficient interest to fill the space it will occupy, namely: "The herring is not an ocean migrant; he is a local inhabitant of our seas. Herring do not congregate in shoals, save when the spawning season comes on. They stick to certain banks as their annual home, and come to certain spawning grounds to spawn. It is at this latter stage that the great takes are made. If a bank is depopulated by too great slaughter of the inhabitants when they collect to spawn, the future fishery of that same spawning ground, or of its approaches, suffers accordingly. Herring are believed to inhabit banks upon which the depth ranges from 40 to 50 fathoms. Where deeper water intervenes between two such banks, as in some cases it does to 400 or 500 fathoms, it is believed that the herring do not cross the deeper channel, apparently because their food supply is not found in the deeper waters. This explains the fact that where an isolated bank has been overfished it is not recruited by immigration of herring from other waters. The result of investigations of temperature was to show that the temperature most affected by spawning herring was  $52\frac{1}{2}$  degrees of Fahrenheit. In waters which were warmer or colder than this the spawning shoals were not to be found. This discovery of the temperature at which herring spawn is of vast importance to herring fleets. It will give them a clue where to search for shoals, instead of doing so at random, as now. Warmer and colder currents seem to fluctuate, and hence it is that herring are found one year on certain grounds, and in another season are lying some miles away. They seem to have followed the shift of the water of the required temperature." The report adds: "In a year or two we may witness all herring fleets equipped with sounding apparatus for taking temperature; when sounding shows the water to be too cold or too warm, the fleet will move on until they find water of  $52\frac{1}{2}$  degrees. Then they may at once begin to look out for a shoal."

#### GASPERAUX.

More gasperaux have been taken this year than last, but the catch, whether large or small, has ceased to be of importance, except to limited localities. At Vernon River, Tyne Valley, and in a number of other places they are seen but are not fished for. Government, the past spring, made a grant in aid of opening the channel across the beach to the ponds at Point de Roche, Queen's, but the improvement there appears to have been only 115 barrels over the catch of last year.

#### COD, HAKE AND HADDOCK.

Cod fishing has not been pursued this year with the persistence it deserves. Lobster canning has drawn all available labour within its vortex. In previous reports I have had occasion to express an opinion that the cod, hake and haddock fishery along the coast is the fishery of all others the most reliable and the least subject to fluctuation of prices or other disappointment. Fishermen know precisely to what spot of sea to go for their prey. Hitherto, fishing has been carried too far inshore. Water of 30 fathoms or upwards is not reached until ten or fifteen miles off coast. Our boats rarely go out over four miles. This has been owing to almost all our fishermen being also small farmers, and not liking to be long absent from their hold-

ings, but mainly to the small size and imperfect outfit of their boats. Altogether some improvement in the size of boats is observable, attributable, perhaps, to the prospect of fishing bounty. The fishery continued good as late as the end of October.

Notwithstanding that about 90,000 fathoms of trawls were set this year, the observation of fishermen shows that hook-and-line is an equally reliable and less wasteful method of catch. Experience of those seasons have also shown that cod gill-nets are not successful here, and while thirty-one were in use in 1881, only three, of 150 fathoms in all, were set this year. The small catch of herring for bait was somewhat against the fishery, a good catch of herring and plenty of cod usually going together. The fish were of fair average size and the curing good. Most of the catch was taken within the three-mile limits. A large number of New Brunswick boats fished off the north coast, whose catch should be, but is not, added to the product of Prince Edward Island. The usual complaints reach me against trawlers, but fishing by trawls (that is to say, set lines) is legitimate. A notable omission this year is that no boneless cod or hake was put up, which is the more to be wondered at that the article was acceptable for family use.

These remarks are borne out by the warden at North Cape, who reports: "A large number of New Brunswick boats were fishing cod and hake to the northward and eastward of North Cape; also quite a number of Nova Scotia cod fishers, and they are reported to have done well. I believe those New Brunswick and Nova Scotia fishermen are taking the best of our large fish, *for they fish in deep water*. It is a great mistake our boats are too small to do the same fishing. It is quite a sight to see 50 to 100 of those well equipped boats at anchor in the North Cape cove. Parties should induce some capitalist to start an oil and scrap factory at the North Cape. It would be supplied." I agree with Warden Nelligan's suggestion respecting a manufactory of chemical manure.

#### HAKE

Are always scarce along the north shore, the principal supplies coming from King's County, east end of the island. The catch has been about equal to that of last year.

It is dangerous to make hasty suggestions, but I have thought over the matter in its bearings and have come to the conclusion that a purely fishing village or settlement of Norwegians or other people skilful in fishing, established by Government aid at a certain part of the north coast of this island, would be a success to those comprising it, and would be an example to our people that fishing is in itself a profession, and more profitable when pursued altogether by itself than when combined with poor attempts at farming. Details will be laid before the Department or Commissioner of Immigration, if required.

#### MACKEREL.

The season has been a poor one for the hook-and-line fishers, although on the west shore individuals did fairly, and as prices are high, made average wages. From other parts of the shore the reports are not so favorable. At one important fishing station (not necessary at present to specify) it is doubtful if the fishermen, although they fished full time, have taken enough to entitle them to fishing bounty. The fish were very irregular in their movements. A few were taken in herring nets immediately after the breaking-up of the ice, which led to the expectation of a good year. These hopes have not been realized. No great body of fish appeared in the Gulf till well on in August, and the weather was continuously stormy, with heavy gales. Many boats on the north-east of Prince County took next to nothing. To the eastward along the north of Queen's and King's Counties they did better, but even there, was a failure in places, while along the east coast of the island, especially off Cardigan Bay, the catch was fairly good. The complaint was not so much the want of fish as that they would not bite. The small catch of herring made it expensive fishing with imported bait. The quality of the fish was unusually good and size large.

The record of the Americans (taken from the warden's and other returns), was something like this: By the 27th of June quite a large fleet was in the Gulf, mostly along the north coast; they reported not having seen any schools after passing Cape Breton. There was no body of fish in the bay at this date. On the 29th a few schools, mixed with herring, were seen, and about 350 barrels taken off Souris. Weather for about ten days, fine but cool; the fishermen surmised the fish were at the bottom spawning. While the vessels were mainly cruising along the north coast, considerable schools were noticed off Georgetown on the south-east, but no seiners were there. Some of the schooners when coming north of Cape Breton had followed heavy bodies of fish, but they were not to be found in the bay and were thought to have gone towards Labrador. On 4th July the crews of fifty vessels, numbering 800 men, celebrated the United States anniversary on shore at Souris in a gay and orderly manner. Up to 14th July no fish were taken, the weather being unfavorable. About the 21st, prospects improved a little, but up to about the 7th of August the bulk of the fleet had done nothing, and some sixty vessels soon after went home with very little catch. Those who remained later found prospects amend. By the end of August some had filled up. Five did well off West Cape on the 22nd. A body of fish, estimated to be half a mile long, was seen off Malpeque, with several vessels in pursuit, and no doubt good hauls were made. Throughout September the fishing was very fair. One schooner took 267 barrels at one haul, completing her cargo. Between 22nd of September and 6th of October 1,762 barrels were sent by rail from Souris, with doubtless other shipments of which I have no account. Gales continued frequent in July and after August—indeed for three weeks the weather was described as execrable. From about the middle of October the schooners were returning home, and by the end of November only three remained in the bay. The Americans were loud in their complaints that their fishing was a failure, but I cannot learn that any of their fleet went home quite clean.

Complaints have been made, especially from the west of the Island and from Tracadie, that some of the American schooners seining within the three-mile limit carried away lobster-traps and disturbed the lines. Such incidents are somewhat apt to be exaggerated. The most reasonable cause of complaint (already averted to) against American seiners is, that they enclose large bodies of herring, which, as they have no use for, they throw overboard, to the great detriment of the bait fishers. This, which appears well founded, is without remedy; the Treaty of Washington providing no detailed regulation or police provision of any kind. It seems feasible that our own Island seiners, being so near home, will utilize any herring taken by them in seines and thus, in their own case avoid a like waste and damage.

A published letter from on board the fleet says: "The schooners out of the Island did fairly well for *Islanders* but of course they do not pretend to compete with Yankees." This is a text that may be fairly preached upon. There is no manner of reason why *Islanders* should *not* compete with Yankees, and I am happy to say that this year has shown some effort to do so. Last year there were only thirteen seines owned in the Province; this year thirty-eight, of 5,600 fathoms, with several new seiners, one of them the "General Gordon" of Souris, of 90 tons. The island tonnage engaged in the sea fisheries this year was forty-seven vessels, 1,764 tons, being largely in excess of previous years. Whether an impetus has been given by the prospect of fishing bounty I am unable definitely to say. At Stanhope, twenty fishermen, formerly hook-and-liners, have united on the principle of joint stock association in the purchase of a seine boat, and a seine of 160 fathoms in length by 40 deep. It is to be hoped their enterprise will be rewarded with success, and that the good example of association for mutual benefit will be generally followed.

It ought to have become apparent to hook-and-line fishers that the day for that primitive method of fishing is over. It is perfectly certain that the seiners will not go back on their tracks, and therefore the liners must come forward, and the sooner the better, for hook-and-line *cannot* compete with the seine. An American seiner would think his fishing a dead failure if he did not fill up at least 300 barrels, to be



divided between fourteen to sixteen hands. This represents a catch of 20 barrels to every man and boy on board, and many schooners, even in this poor year, have taken twice 300. Hook-and-liners can estimate for themselves whether there is much likelihood of their taking 20 to 40 barrels per man with hook-and-line only. Nothing can be more certain than that this quantity as an average year by year has never been reached under the present system of individual fishing.

It may be useful to note the comparative chances of seining and hook-and-line fishing on the same day, at the same locality, which I take from reports from various parts of the Province. In the instances noted both the seiners and line fishers were Islanders:—

| Seine.   | Hook.  |
|--|--|
| 5th August, Tignish. Myrick's schooner done pretty well.   | Not much doing.  |
| 8th do Stanhope. 100 barrels at one haul. A Nova Scotia schooner enclosed 400 to 500 barrels, but seine broke. | Not much doing.  |
| End of August. Bay generally. Some Americans filled up.  | Continue to have hard luck.  |
| 22nd August. "Miminigash," "Gordon" and "Gallant" took 14,000 fish at one haul.                                | No catch of any importance with hook up to date.                           |
| 2nd September, Off Miminigash. A foreign schooner took 200 barrels close in shore.                             | Little done past two weeks.  |
| 6th September. Schooners doing fairly well along west shore.   | Very poor, except a few good days.   |
| 7th September. Cardigan. None.   | Fair catches. One boat took \$100.   |
| 16th September. Malpeque. Doing fairly well.   | Absolute failure generally. On East Bay two men in dory hooked 1,000 fish. |
| 9th October. "J. A. Mathieson," Campellton, 200 barrels No. 1, at one haul.                                    | Poor catch.  |

A remedy for this great disproportion lies in associating for the purpose of procuring modern appliances, as has been done by the Stanhope fishermen.

#### CANNED GOODS.

The canning of mackerel seems to be laid aside for the present. Last and preceding years showed respectively 229,000 and 430,000 cans; this year only 12,484. I am not well informed as to the cause of this diminution—probably the high price given for barrelled fish.

#### LOBSTERS.

In the early part of the season there seemed every prospect of a ruinous year for lobster fishing. To the astonishment as well as the satisfaction of packers, the catch has turned out largely in excess of 1883, which was a fair average year. The lobsters were fairly well filled. Estimating from imperfect data, it took an average close on five lobsters, and a small decimal over, to fill a 1-pound can, being about the same as last year. A few  $\frac{1}{2}$ -pound cans were put up in Prince County in handy form for picnic use.

The record of the fishing is as follow:—Spring was very late in coming and the ice hung long about the coast. The packers had an expensive time in keeping their hands idle for fully the first four weeks of the season. The first lobster caught was on 3rd June. When all hands got to work they partly made up their leeway, for the first "batch" or run of lobster came in quite as fast as they could be utilized. I have noticed this to have been the case in previous years, as if, when ice remained long,

the lobsters congregated in large bodies on the outer edge of the frozen belt, ready to run for the shore as soon as it was clear and the temperature suited. Subsequently the batches fell off to a little less than the average. Throughout the whole of July lobsters were abundant, but frequent gales considerably curtailed the fishing, and, in places, injured the traps. Prospects again seemed unfavorable, and a memorial signed by fifty-eight packers—representing seventy-seven factories—was sent to the Minister, praying for an extension. I was directed to forward an estimate of what the probable catch of the year might be, and placed it at 3,727,000, up to 30th August, which was 600,000 cans short of the mark. Extension was granted to 30th August. Meantime the catch had become better and a good many factories came up to the average of last year. Several shut down before the 30th August, and there did not seem any general desire for a further prolongation of time. It has always been difficult, and is now more so, on account of the fishing bounty, to prevent men, towards the end of the season, from deserting to the mackerel fishery. According to a statement furnished me by Mr. Lydiard, Customs broker, Charlottetown, the quantity exported to date of 3rd December, was:—

|                       | Cans.     |
|-----------------------|-----------|
| To Great Britain..... | 2,861,568 |
| United States.....    | 511,776   |
| Havre.....            | 95,856    |
| Hamburg.....          | 19,200    |
| Amsterdam.....        | 9,600     |

A total of 3,498,000 cans, being 331,028 cans in excess of 1883.

Ninety-five factories (for ninety-seven), were in operation. One was accidentally burned; twelve did not operate; two are in progress of erection, and twenty-four new factories are projected for next year.

During the past year forty-one factories have called on the inspector to adjust disputes, and have voluntarily abided by his decisions. Twenty-four other applications are on file, craving for an immediate adjustment preparatory, to making arrangements for next year.

In this connection I have been favoured with copy of an official opinion given by the legal adviser of the Government, in regard to certain circumstances of lobster fishing in the County of Gloucester, New Brunswick, which opinion seems to have been given on the action of a fishery warden there, and respecting which I am ignorant. My attention has also been drawn (though not by the Department) to the high authority of Coulson. Both authorities lay down the principle that the right of fishing in the sea is *prima facie* vested in all subjects of the realm, and the right of fishing therein is free to all as of common right. Coulson adds: "It would appear, by common law, the public have the right of catching in the sea and public rivers all the fish they can by all means which are not inconsistent with the rights of others, but that *any undue interference* with the rights of others is a nuisance and indictable. The right of public fishery, however, includes the right to use lawful nets." As the Fisheries Act places shell fish on the same footing as floating fish the word "nets" logically includes traps. The legal axioms of the sea, thus laid down, are: Sea fishing is open to all, with a common right to the use of the shore. These principles are so well known that they have never been lost sight of by the undersigned, and have never been infringed upon in the fishing waters of Prince Edward Island during his term of office.

Speaking for this Province only, the matter narrows itself to the query: Has a lobster packer a right to set his traps in the sea-front of his factory without being subject to injurious interference? And what constitutes injurious interference?

It is evident there is a misapprehension of the premises by some persons in regard to the matter of lobster trapping in this Province and of the action of the fishery officers in regard to it. The assumption is that an exclusive right of property in a portion of the sea purported to be given. Such not being the case, *imprimis*: all complaints were adjusted by the fishery officers under section 18, sub-s. 5, of the

Fisheries Act, *never under section 13, sub-section 11.* Parties aggrieved by trespass after the inspector had pointed out what would constitute "undue interference" in that particular instance, were referred to their lawyers.

The very wide distinction between "fishing," properly so called, and lobster *potting*, as in England it is more correctly described, seems to be lost sight of in discussing this matter. Trapping is not fishing. The appliances of fishing, namely nets and lines, are movable; the apparatus of trapping is traps, that is to say "fixed engines," so recognized in British law. It is not claimed that any fishery officer of a Province can lay off a space of sea-room exclusively to any person whatsoever for fishing. One hour one fisherman may throw his net or cast his hook in a piece of sea and next hour somebody else may do the same. This is fishing. *Potting* or trapping is altogether different.

In lobster trapping—miscalled lobster fishing—an apparatus is anchored for twelve weeks on one spot. A large number of traps (each of which is, in itself, an "apparatus" under the Act), are permanently connected together, so as to cover the given space of sea-bottom that is necessary for the trapping of as many lobsters as the factory on shore has been constructed to can. Each of these traps requires a measured space, and is permanently attached to a cable at a longer or shorted distance graduated as necessary to catch lobsters in that particular locality. To save boating, the traps are set as near as possible, so that they be effective. The whole field of, say, 1,000 or more traps, forms one apparatus—one sub-marine fixed engine. Protection to this fixed apparatus can, in no sense, be construed into a fishery grant, or exclusive right of fishing on any area, whether its limits be defined or not. Lobster fishing apparatus permanently anchored at the bottom of the sea interferes with no fishery. Seiners seine over it; hook-and-liners fish over it. It is simply and solely a sub-marine "fixed engine," in the English acceptance of the term, and as such, the Inspector of Fisheries for this Province has regarded it as entitled, under section 18, sub-section 5, of the Fisheries Act, to protection against undue interference.

Each individual trap, as a unit of this complicated system or apparatus of traps, demands a given space to make it operative, and intruding traps set in and among the traps of such system render them inoperative, while a line of trespassing traps set between the apparatus of a factory and the open sea acts as a fence, and prevents the lobsters, coming in from the sea, from reaching said apparatus. Here the vague and misleading phrase, "an equal right to fish," falls to the ground, for no man has any right to injure his neighbor, as the setting of intruding traps among or in front of his would do. It is true such injury is actionable at law, but that is no practical remedy, as is hereafter shown.

Bearing in mind what is sufficiently self-evident, namely, that a large fixed apparatus necessarily occupies a greater base of sea-bottom than a small one, it is manifest that there is no protection whatsoever to apparatus unless the required base for the proper working of such apparatus is guarded against trespass upon it by similar apparatus. It is in this sense, and in this sense only, that the inspector, when called on by the parties interested, and only when so called, has adjusted the space required by adjoining apparatus, so that neither might interfere with the other. This is nothing like a "grant of fishery." In the supposable case, that one factory increased and the adjoining factory diminished the number of their respective traps, a re-adjustment would be made, on the sole basis of preventing undue interference, and of giving a proportionate chance of success, by preventing trespass of traps upon each other. No superfluous space has ever been assigned, and any space not actually occupied with trap apparatus, has been regarded as vacant.

I may say, advisedly, that the arrangement hitherto pursued has acted well in this Province. Without some adjustment, giving security against injurious interference, it is most certain that the industry will fall into inextricable confusion.

Without definite and reliable protection of its trapping apparatus, any factory, built at large expense, may be rendered valueless, without practical recourse. Adventurers, without conscience or capital—of whom there are more than plenty—can run

up a shanty a few yards off, and mix up their traps among those of legitimate establishments, under the vaguely expressed claim of "equal right of fishing." A few lath or hoop traps and some coils of rope are all that are required to do mischief. An action at law is here useless; it provides no real remedy. A suit at law would be protracted by an appeal—never intended to be prosecuted—and meantime the intruder would continue trapping until the close of the season, and then disappear, or, if found, not be worth the cost. This is not a mere supposed case. To prevent such undue interference, producing, as it does, serious loss to the legitimate packers, and continual quarrelling among the fishermen, section 18, sub-section 5, of the Act, has been made use of here and has been received with acceptance. And to sum up briefly: The action of the Prince Edward Island fishery officers hitherto (as above set forth) has been limited to a settlement of disputes as to established apparatus, which, in my humble opinion, is consonant with both the letter and spirit of the Act.

On 29th of October I had instructions from the Department to state views and suggestions, based on the state of the lobster fishery in Prince Edward Island, for information of the Minister. Pending his decision, the suggestions I had the honor to make are not set forth in this report.

Accompanying the present report, but not forming part of it, are two appendices. Appendix No. 1 gives a list of the lobster factories in this Province—showing ninety-seven factories in operation the past year, with, by approximation, 98,800 traps—a number that, if set at 10 yards apart, would environ the whole island. Appendix No. 2 shows the number, year by year, of lobsters slaughtered in island waters since 1st of July, 1873, and foots up a massacre of 132,000,000.

OYSTERS.

The knowledge gained by certain observations elsewhere referred to, should be of great value in laying down oyster beds, for artificial culture, in localities of the island waters wherein natural beds are not found. Our whole shore is fringed with creeks and estuaries, wherein oyster farming might be successfully and profitably carried on. The requirements of shelter, absence of excessive tide, suitable bottom, and the proper degree of salinity are everywhere.

In several previous annual reports I have respectfully drawn the notice of the Government to the desirability of putting the fast-decaying oyster fishery of this Province under due regulations. It is unnecessary again to go over the arguments, but I may mention that several applications are on file with the Department for lease of stations on which to attempt the culture of oysters. Were the inspector directed to survey and lay off as oyster farms, and offer for lease a few experimental stations, it is believed they would be readily taken up. Section 15, sub-sections 4 and 5 of the Fisheries Act, gives the Minister power to authorize this, as also to expend parliamentary grants in stocking localities now oysterless. I beg to refer to last year's report for a suggestion to plant a small model oyster farm in each of the three counties; and I would beg to renew that recommendation, at least with reference to King's County, and would suggest Cardigan as a suitable locality.

There are a few facts with reference to existing natural beds that are to be taken into account. Many parts of the bottom of creeks and estuaries are of hard "mud" (so called), formed by the disintegration of sandstone mixed with washings of underlying clay, until of the consistence of brick paste, with but little vegetation. No better bottom could be found for the laying down of brood. In other places are deposits of shells, where oysters once were, but are not now, which is also good bottom for planting. The main requisite for good bottom is that it shall give a foot-hold for ready attachment, and be so firm that when the oyster opens its shell no washings or impurities may flow into the animal. Hence the use of tiles in oyster culture in Europe. Broken shells and projections of the clay offer, in this island, the same conditions as the artificial trays and made-floors of Europe. On these ready points and projections the "spat" or spawn, emitted from the brood oysters, catches and adheres. I do not think the spat has sufficient vitality to drift to long distances.

The minute young must be most delicate, much more so than the young of swimming fish. A favorite resting place of the spat is on the edge of the laminae of old shells. There once established, the young oysters grow in clusters to the dimensions say, of 2 inches in length the first year. Thereafter the growth is proportionately more rapid, until at four years they come into market. It is a noticeable fact that all the oysters in a cluster do not grow on the same plane, with the inferior (flat) shell downwards and horizontally, but grow perpendicularly or at all lesser angles, the arrangement evidently being that each individual oyster shall grow with reference to the others, so as to have the largest facility for opening its shell. In this circumstance is a key to the destruction, from natural causes, of self-planted oyster beds. Thus, when the oysters in a cluster come to maturity, and in due course of time themselves emit spawn, such spawn or spat is caught on the ragged points and edges of the parent shell, forming a second growth above and upon the first. The process of stratum growing on stratum, floor upon floor, goes on increasing the bed in height each year, while, at the same time, the base is being extended, until the mass becomes a mound of oysters, sometimes of large area. The inner strata of this mass, being, from the superincumbent pressure, unable to open their shells, perish from suffocation, so that the mound comes to consist of a core of dead shells, with a thin covering of live oysters on the top. Where the mound, by annual increase, grows so high as to reach the ice-line, even that thin covering of oysters is killed. Moreover, these oyster-banks in the channels collect ooze, mussels and rubbish, tending still further to destroy the bed, until sooner or later it perishes. This destruction would be prevented by artificial culture in removing obstructions, raking the beds, preventing too thick a growth, and shifting the growing oysters into new water two or three times before they come to market. By such culture all waste is avoided and a much superior article produced.

These natural causes sufficiently account for the rapid deterioration of our oyster beds without the added destruction of digging them up for farm manure. Notwithstanding these depressing agencies, 28,320 barrels were this year sent to market, mostly in Canada. It will be observed that all our oysters are what are known in Europe as "sea oysters," that is to say, oysters that are taken from natural beds *in situ* and which, as their shells are rough and unshapely, fetch a much less price than the oysters of cultivation, the shells of which are thinner, smoother and more symmetrical. Two forms of oyster are found growing indiscriminately on the Prince Edward Island beds, namely, the long Canadian oyster and, in a lesser proportion, oysters circular in form. I am not naturalist enough to decide whether these are different varieties or merely variations in form.

The time seems to have come to open the oyster grounds—or a part of them—to lease, under due regulation. As matters at present stand, no one will venture the risk of artificial cultivation. The present state of the law and the custom of the country are exceedingly indefinite and unsatisfactory. It is doubtful if the law would protect private oyster beds from being robbed, under the guise of shell-digging. Hence the necessity for the area of artificial culture being secured by lease or grant, or by being set aside for the public interest. In last year's report I submitted details that, I think, would meet the case, and to which I beg to refer.

The fishery has not being so steadily pursued this year, owing to continued bad weather, which readily agitates the shallow water in which oysters are found. A number of oyster fishers have removed from Percival Bay, which has generally given a good yield. Two hundred boats were regularly employed oyster fishing on Richmond Bay. Twenty-four barrels are reported from St. Peter's, a new locality.

#### FRESHWATER FISHERIES.

Our streams are in excellent condition, well stocked with trout and offering fair pastime to anglers. Brook trout of 2 pounds, and sea trout of 3, 3½ and one of close on 4 pounds are mentioned. Netting is almost extinguished, the river wardens deserving credit for their watchfulness. The few remaining poachers confine themselves to

the more dastardly crime of spearing salmon, but even this is on a small scale and every possible precaution is taken against it. Sawdust is still the great trouble of the fishery officers, but it is checked wherever practicable; 44,880 pounds weight of fair trout taken legitimately by angling, in one season, is a creditable show for our small streams. I do not consider these 22 tons of trout as over-fishing.

Several anglers from the United States have visited our trout streams the past season and have generally had good sport, and there is a welcome for more. No elaborate or expensive outfit is required. A medium rod of all-work (as our streams are small), and for flies, mayfly, winged hackles, cinnamon, ibis, professor and coachman (see Barnwell's *Game Fish of the North*, page 17, Carleton, N.Y., publisher) are all that are required. The country districts of the Province are destitute of hotel or tavern accommodation, but hospitable quarters can be obtained for the most moderate remuneration. The Island is easily reached by passenger steamer and a railway runs the whole length, leaving but a very few miles to tramp or drive from any station to the fishing ground. An angling trip to Prince Edward Island is among the least expensive of summer tours.

In several of the waters in which salmon fry were deposited they are taken by fly as samlets. We have no means of ascertaining the comparative growth or mortality of these young fish, excepting by casual chances. It would cost no large expense to construct, near the hatchery or under the immediate eye of the inspector, an experimental pond, through which a brook could be led and a series of observations be noted of their development in that basin. No further cost need be incurred for these observations—the interest of the experiment should be its recompense.

Overseer Henry Clark, manager of the salmon hatchery on Dunk River, has been successful in obtaining ova to nearly the capacity of the establishment. Gravelly beds in the river offer the fish a temptation to spawn before coming up to the hatchery. Were these beds *ploughed* up, which could be done at trifling cost, the great body of fish would come to the hatchery itself, and thus give a certainty of ample supply. At the date of this report 1,250,000 eggs are on the trays and apparently doing well. This was the produce of 160 females, 7,500 each—sixty males. Salmon are reported abundant in the streams they frequent. No complaint has been made this year of injury to the streams from starch factories.

Smelts are in standing abundance in the mouth of all brooks in spring, as well as under the ice in winter, but until last year, when a small experimental shipment was made to Boston, were only used for domestic relish. It is understood the shipment paid expenses, although it arrived when the market was low. This year thirty-four boxes were shipped as a further test.

Fish-ways in this Island, where our streams are little more than large brooks, running a short course, are of less necessity than on the mainland, where the water-courses are rivers. The wardens have strict orders to see that the waterways are kept clear, and to remove obstructions from the foot of the slides. One fish-pass on Trout River, Prince County, in aid of which a grant of \$35 was made, is still in an unsatisfactory condition and will be repaired at the expense of the mill owners.

#### OTHER MATTERS.

Eels show a considerable value. It continues strange that the Island eels, being of the best quality, do not find a market in some shape. It is also strange that no herring are smoked. Eleven small boxes are all that are given, yet imported boxes, of no better quality, sell readily for domestic use.

That excellent fish, the striped sea bass, is supposed to be in plenty off the shore, but it is seldom caught, from not being specially fished for. At one time a considerable number, say in weight 3 to 7 pounds, were annually taken at Miminigash, Prince County, the only place where they were specially sought, but, for the past year or two logs have prevented their access. Warden McKenzie mentions the capture of a few south of Queen's, where they were not previously taken.

The past two years a very few shad have been taken, chiefly in the trap at Tignish, Prince. If it be true that these fish are not known to spawn north of the Bay of Fundy, it would be interesting to know how they have spread into the Gulf.

In cod-fishing some halibut are taken; this year about three tons, the largest fish weighing 400 pounds, and measuring  $8\frac{1}{2}$  feet in length.

There is no means, except by estimate, of arriving at the quantity of fresh food fish used, apart from the regular fishing as given in the returns. Probably 150,000 pounds, at 3 cents per pound, is a close approximation for the 15,000 families of the census.

Fish oil shows 13,000 gallons, mostly of a quality superior to common, as it is cold-drawn and not expressed by heat. One quintal of cod gives about one gallon of oil. No dogfish oil made.

Cod and hake sounds form an article of commerce this year, to the value of \$8,000, being less than usual. In some instances, however, they are not saved.

A Hamburg mercantile house, with a branch at Chicago, has been making enquiry respecting sturgeon, with a view to the manufacture of caviare. Sturgeon are on this coast, but are never seen, excepting when a stray one, of small size, is found entangled in nets.

No fish guano is manufactured, but a large quantity of lobster offal is carted away by farmers as manure; 2,000 tons is not too large a computation. There is abundance of raw material for the manufacture of fish or chemical manure on a considerable scale; there might be difficulty in collecting it.

All offences against the Fishery Act that have been brought to my knowledge have been dealt with as set forth in the returns of fines and forfeitures.

Of this date, in the letter to the Department, I have drawn attention to the large increase in duty demanded of certain fishery wardens from the increase of lobster factories.

I have the honour to be, Sir,

Your most obedient servant,

J. HUNTER DUVAR,

*Inspector of Fisheries, Prince Edward Island.*

## APPENDIX No. 1.

(Accompanying Report on the Fisheries of Prince Edward Island, 1884, but not forming part of it.)

LIST OF LOBSTER FACTORIES in operation in the waters of Prince Edward Island, 1884, together with an approximation of the number of Lobster-traps set by each.

| Warden's District.    | Name of Factory.     | Where.          | Approximated Number of Traps Set. |
|-----------------------|----------------------|-----------------|-----------------------------------|
| <i>Prince County.</i> |                      |                 |                                   |
| Warden Nelligan       | Everestus Gallant    | Lot 1           | 800                               |
| do                    | J. C. McCarthy       | do              | 600                               |
| do                    | J. H. Davidson       | do              | 800                               |
| do                    | John Agnew           | do              | 800                               |
| Warden Alyward        | Robert Bell          | Horsehead       | 1,600                             |
| do                    | Francis Larkins      | Skinner's Pond  | 800                               |
| do                    | Dd. Thompson         | Black Pond      | 800                               |
| do                    | Francis Gallant      | Lot 1           | 800                               |
| do                    | J. F. Myrick         | do              | 1,200                             |
| Warden Rix            | Wm. Bilyea           | Miminigash      | 1,000                             |
| do                    | do                   | do              | 1,000                             |
| do                    | Clark, Robblee & Co. | do              | 1,500                             |
| Warden Doyle          | J. A. Mathieson      | do              | 1,500                             |
| do                    | do                   | Campbellton     | 1,500                             |
| do                    | J. S. Abbott         | Miminigash      | 800                               |
| do                    | Richard Reid         | do              | 800                               |
| do                    | Dd. Thompson         | Campbellton     | 1,000                             |
| Warden K. Ramsay      | C. C. Bell           | Howard's Cove   | 1,400                             |
| do                    | Henry O'Leary        | Danville's      | 800                               |
| do                    | Longworth & Co.      | Smith's Shore   | 800                               |
| do                    | do                   | West Point      | 2,000                             |
| do                    | Henry O'Leary        | Livingstone's   | 1,000                             |
| Warden Bryant         | Peter Gavin          | Brae            | 1,200                             |
| do                    | Longworth & Co.      | Indian Point    | 1,200                             |
| do                    | Wyllie C. Holman     | Higgin's Wharf  | 1,000                             |
| Warden Arsenault      | Joseph Gallant       | Egmont Bay      | 800                               |
| do                    | Stephen Gallant      | do              | 800                               |
| do                    | Gilbert Gallant      | do              | 800                               |
| do                    | Longworth & Co.      | do              | 1,200                             |
| do                    | J. O. Arsenault      | do              | 1,200                             |
| do                    | Bruno Poirier        | do              | 500                               |
| do                    | Geo. P. LeBlanc      | do              | 800                               |
| do                    | Placide H. LeBlanc   | do              | 500                               |
| do                    | Peter M. Porrier     | do              | 600                               |
| do                    | Samuel Pettipas      | do              | 800                               |
| Warden Chiasson       | J. H. Myrick         | Tignish         | 1,200                             |
| do                    | Moses Chiasson       | do              | 600                               |
| Warden A. McDonald    | Charles Bennett      | Alberton        | 800                               |
| do                    | R. A. Clarke         | do              | 1,200                             |
| do                    | John Agnew           | do              | 1,200                             |
| Warden G. W. Sharp    | John Palmer          | Hardy's Channel | 500                               |
| Warden J. O. Howatt   | Cameron Bros.        | Augustine Cove  | 1,000                             |
| do                    | Frank Schaeffer      | Cape Traverse   | 1,000                             |
| Warden Gillis         | George Bennett       | Fish Island     | 800                               |
| do                    | D. & P. McNutt       | Darnley         | 1,000                             |
| do                    | W. Webb              | Malpeque        | 100                               |
| Warden Holland        | Collett & Newsome    | Cape Traverse   | 500                               |



LIST OF LOBSTER FACTORIES in operation in the waters of Prince Edward  
Island, &c.—Continued.

| Warden's District.           | Name of Factory.                           | Where.                           | Approximate Number of Traps Set. |
|------------------------------|--|----------------------------------|----------------------------------|
| <i>Queen's County</i>        |  |                                  |                                  |
| Warder Delaney.....          | A. C. McLeod.....                          | Park Corner.....                 | 1,500                            |
| do.....                      | Clark, Robblee & Co.....                   | New London.....                  | 1,500                            |
| Warden McKenzie.....         | Waddell & Co.....                          | Wood Islands.....                | 600                              |
| do.....                      | Hamblin & Co.....                          | do.....                          | 600                              |
| do.....                      | E. Frost.....                              | do.....                          | 800                              |
| do.....                      | David Ross.....                            | Belle Creek.....                 | 1,000                            |
| do.....                      | Wm. Harris.....                            | Flat River.....                  | 1,000                            |
| do.....                      | James Stewart.....                         | Pianette.....                    | 1,200                            |
| do.....                      | Wm. Dugay.....                             | do.....                          | 1,200                            |
| do.....                      | R. McRae.....                              | Point Prim.....                  | 600                              |
| do.....                      | John Marchison.....                        | do.....                          | 1,200                            |
| do.....                      | Lantz & Co.....                            | do.....                          | 1,200                            |
| do.....                      | McDonald & Co.....                         | do.....                          | 800                              |
| Warden J. Mathieson.....     | Hughes Bros.....                           | Canoe Cove.....                  | 2,000                            |
| do.....                      | do.....                                    | St. Peter's Island.....          | 2,200                            |
| do.....                      | Hennebury (Frazer).....                    | Little Cove.....                 | 1,200                            |
| Warden Buote.....            | Augustin Callaghan.....                    | Rustico.....                     | 600                              |
| do.....                      | H. J. Laver.....                           | do.....                          | 600                              |
| Warden Ready.....            | Longworth & Co.....                        | Covehead.....                    | 1,000                            |
| do.....                      | Morris & Hyndman.....                      | Tracadie.....                    | 1,000                            |
| do.....                      | G. R. Burke.....                           | North Side.....                  | 800                              |
| do.....                      | Pickett Bros.....                          | Savage Harbour.....              | 800                              |
| Warden J. Howatt.....        | Johnston.....                              | Victoria.....                    | 800                              |
| <i>King's County.</i>        |  |                                  |                                  |
| Warden O'Brien.....          | Pigott Bros.....                           | Mount Stewart.....               | 1,000                            |
| Warden Dingwell.....         | Late Rolff, McLean and McCallum's (3)..... | St. Peters.....                  | 1,000                            |
| Warden Allan McDonald.....   | Matthew McLean & Co.....                   | Bayfield.....                    | 1,000                            |
| do.....                      | do.....                                    | North Lake.....                  | 600                              |
| do.....                      | C. C. Carlton.....                         | Campbell's Cove.....             | 600                              |
| do.....                      | McDonald, McDonald & Co.....               | North Lake.....                  | 1,200                            |
| Warden R. McDonald.....      | John A. McLean.....                        | Cable Head.....                  | 1,000                            |
| do.....                      | Horace Hazard.....                         | Glenfinlas.....                  | 800                              |
| do.....                      | Doyle & McBride.....                       | Black Bush.....                  | 800                              |
| Warden Morrow.....           | J. U. Haley.....                           | Souris.....                      | 1,200                            |
| do.....                      | C. C. Carlton & Co.....                    | do.....                          | 1,000                            |
| do.....                      | J. Morrow.....                             | do.....                          | 1,000                            |
| do.....                      | McDonald & McDonald.....                   | do.....                          | 1,200                            |
| Warden M. Mathieson.....     | Sheaver.....                               | Grand River.....                 | 1,600                            |
| do.....                      | Launching Bay.....                         | Launching.....                   | 1,200                            |
| Warden Burke.....            | S. S. McDonald.....                        | Panmure Island.....              | 1,200                            |
| do.....                      | Forrest & Co.....                          | Boughton Island.....             | 2,000                            |
| do.....                      | James E. Grant.....                        | Launching.....                   | 1,200                            |
| Warden Lowe.....             | James Clow.....                            | Murray Harbour.....              | 2,000                            |
| do.....                      | Browse & Son.....                          | do.....                          | 2,000                            |
| do.....                      | D. Davies.....                             | Beach Harbour.....               | 2,000                            |
| do.....                      | Prowse & LeLacheur.....                    | do.....                          | 2,000                            |
| do.....                      | D. Munn.....                               | Little Sands.....                | 1,600                            |
| do.....                      | McClure Bros.....                          | High Banks.....                  | 600                              |
| do.....                      | Doyle & McBride.....                       | North Side (included above)..... | .....                            |
| Total Traps set in 1884..... |  |                                  | 98,800                           |

|   |    |
|---|----|
| Number of Factories in operation past year..... | 95 |
| do not in operation.....                        | 12 |
| do new, in course of erection.....              | 2  |
| do new, proposed.....                           | 24 |

APPENDIX No. 2.

(With Annual Report on the Prince Edward Island Fisheries for 1884, but not forming part of it.)

STATEMENT of Lobsters taken in the waters of Prince Edward Island since that Province joined the Dominion of Canada on 1st July, 1873.

| Counties.     | 1874.                         | 1875.                         | 1876.                         | 1877.                         | 1878.                        | 1879.                         | 1880.                         | 1881.                         | 1882.                        | 1883.                        | 1884.                        |
|---------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|
| 1873.         | 7 Factories.                  | Several Factories.            | Several Factories.            | A good many Factories.        | Numerous Factories.          | 35 Factories.                 | 58 Factories.                 | 118 Factories.                | 123 Factories.               | 88 Factories.                | 95 Factories.                |
|               | At 3½ Lobsters per 1 lb. can. | At 3½ Lobsters per 1 lb. can. | At 3½ Lobsters per 1 lb. can. | At 3½ Lobsters per 1 lb. can. | At 4 Lobsters per 1 lb. can. | At 4½ Lobsters per 1 lb. can. | At 4½ Lobsters per 1 lb. can. | At 4½ Lobsters per 1 lb. can. | At 5 Lobsters per 1 lb. can. | At 5 Lobsters per 1 lb. can. | At 5 Lobsters per 1 lb. can. |
| Prince .....  | .....                         | .....                         | 40,054                        | 398,720                       | 907,200                      | 1,992,842                     | 4,445,568                     | 15,595,603                    | 12,804,600                   | 9,749,880                    | 10,380,960                   |
| Queen's ..... | .....                         | .....                         | .....                         | 24,500                        | 1,864,000                    | 1,807,525                     | 3,088,242                     | 5,651,550                     | 4,684,000                    | 3,353,240                    | 4,820,040                    |
| King's .....  | .....                         | .....                         | 848,800                       | 1,930,430                     | 3,828,000                    | 5,612,639                     | 8,445,915                     | 8,758,955                     | 8,505,000                    | 6,119,735                    | 6,498,275                    |
| Totals .....  | 69,264                        | 259,684                       | 1,266,854                     | 2,358,650                     | 6,599,300                    | 9,413,006                     | 15,979,725                    | 29,986,108                    | 25,993,600                   | 19,222,865                   | 21,699,275                   |

Grand Total number of lobsters canned in Prince Edward Island, since 1873, one hundred and thirty-two millions.

It has been estimated that during the same period the total number of lobsters taken in the whole of the home seas of Great Britain did not exceed sixty millions.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in and the Total Number of Men Employed, &c., in the County

| DISTRICT.  | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |         |        | FISHING MATERIAL. |          |        |         | Salmon, fresh, in ice, lbs. | Salmon, in cans, lbs. | Mackerel, barrels. | Mackerel, in cans. |        |
|--|--|----------|--------|--------|---------|--------|-------------------|----------|--------|---------|-----------------------------|-----------------------|--------------------|--------------------|--------|
|  | Vessels.                               |          |        | Boats. |         |        | Nets.             |          | Weirs. |         |                             |                       |                    |                    |        |
|  | Number.                                | Tonnage. | Value. | Men.   | Number. | Value. | Men.              | Fathoms. | Value. | Number. |                             |                       |                    |                    | Value. |
| <i>Prince.</i>   |  |          | \$     |        |         |        |                   | \$       | \$     |         |                             |                       |                    |                    |        |
| Cascumpec Bay to Kildare Capes.....                                      | 1                                      | 46       | 1500   | 13     | 16      | 600    | 48                | 600      | 400    | ...     | 180                         | 250                   | .....              | 400                | .....  |
| Kildare to Sea Cow Head, including Tignish.....                          | 3                                      | 174      | 4000   | 45     | 70      | 6000   | 200               | 1200     | 600    | 1       | 600                         | 1423                  | 500                | 1200               | 3000   |
| Sea Cow Head to Skinner's Pond.....                                      |  |          |        |        | 97      | 3000   | 388               | 1500     | 850    | .....   | .....                       | .....                 | .....              | 1155               | .....  |
| Skinner's Pond to Black Pond   |  |          |        |        | 68      | 2700   | 154               | 925      | 463    | .....   | .....                       | .....                 | .....              | 1280               | 1484   |
| Black Pond to Big Miminigash, inclusive.....                             |  |          |        |        | 55      | 2750   | 170               | 600      | 300    | ...     | 450                         | .....                 | .....              | 2500               | .....  |
| Little Miminigash to Seal Point, Lot 7, including Campbellton.....       | 3                                      | 124      | 4500   | 14     | 23      | 1110   | 70                | 150      | 70     | ...     | 400                         | .....                 | .....              | 525                | .....  |
| From Seal Point, whole of Lot 8.....                                     |  |          |        |        | 25      | 1000   | 75                | 250      | 100    | .....   | .....                       | .....                 | .....              | 375                | .....  |
| East Line to Lot 8, to Egmont Bay.....                                   |  |          |        |        | 12      | 360    | 24                | 600      | 300    | .....   | .....                       | .....                 | .....              | 120                | .....  |
| Egmont Bay to Lot 15 Point.  |  |          |        |        | 12      | 480    | 35                | 2000     | 1000   | .....   | .....                       | .....                 | .....              | 279                | .....  |
| Bedeque Bay, including Summerside.....                                   |  |          |        |        | 14      | 420    | 28                | 800      | 400    | .....   | .....                       | .....                 | .....              | .....              | .....  |
| Richmond Bay.....  |  |          |        |        | 5       | 700    | 10                | 870      | 682    | .....   | .....                       | .....                 | .....              | 5                  | .....  |
| Lot 12.....  |  |          |        |        | 6       | 200    | 12                | 100      | 50     | .....   | .....                       | .....                 | .....              | .....              | .....  |
| Grand River, Lot 12.....   |  |          |        |        | 4       | 250    | 12                | 250      | 175    | .....   | .....                       | .....                 | .....              | 80                 | .....  |
| Graham Head, Lot 26, to Cape Traverse.....                               |  |          |        |        | 2       | 60     | 10                | 550      | 450    | .....   | .....                       | .....                 | .....              | 250                | 3000   |
| Cape Traverse to Queen's County Line.....                                | 2                                      | 60       | 2500   | 10     | 12      | 600    | 36                | .....    | .....  | .....   | .....                       | .....                 | .....              | .....              | .....  |
| Rivers Dunk, Tyne, Ten, Enmore, Percival, Pierre Jacques and others..... |  |          |        |        | 3       | 100    | 6                 | .....    | .....  | .....   | .....                       | 168                   | .....              | .....              | .....  |
| Totals .....   | 9                                      | 404      | 12500  | 82     | 422     | 20270  | 1288              | 10395    | 5840   | 1       | 1630                        | 1841                  | 500                | 8169               | 1484   |

the Fisheries, Quantity and Value of Fishing Material, Kinds and Quantities of Fish, of Prince, Province of Prince Edward Island, for the Year 1884.

| KINDS OF FISH.    |                    |           |                              |            |               |               |            |             |              |            |                   |                 |                    | FISH PRODUCTS.             |         | VALUE. |
|-------------------|--------------------|-----------|------------------------------|------------|---------------|---------------|------------|-------------|--------------|------------|-------------------|-----------------|--------------------|----------------------------|---------|--------|
| Herring, barrels. | Alewives, barrels. | Cod, cwt. | Cod Tongues and Sounds, lbs. | Hake, cwt. | Haddock, lbs. | Halibut, lbs. | Shad, lbs. | Trout, lbs. | Smelts, lbs. | Eels, lbs. | Oysters, barrels. | Lobsters, cans. | Fish Oil, gallons. | Fish used as manure, tons. | \$      |        |
| 2500              | .....              | 400       | 1584                         | .....      | .....         | .....         | .....      | 200         | 1200         | 1000       | 250               | 155328          | 160                | 90                         | 36,494  | 46     |
| 1200              | .....              | 200       | .....                        | 100        | 5000          | 2000          | 600        | .....       | .....        | .....      | .....             | 77328           | 150                | 80                         | 28,611  | 31     |
| 3911              | 30                 | 455       | 2015                         | 608        | 2500          | 1315          | .....      | 650         | .....        | 2500       | .....             | 77328           | 1155               | 100                        | 43,218  | 51     |
| 1835              | 16                 | 166       | 600                          | 176        | 5000          | 600           | .....      | .....       | 1000         | .....      | .....             | 331296          | 174                | 50                         | 62,400  | 20     |
| 1550              | .....              | 400       | 1000                         | 200        | .....         | .....         | .....      | 600         | 1000         | 1500       | .....             | 111216          | 350                | 100                        | 48,109  | 42     |
| 1022              | 2                  | 370       | 200                          | 160        | .....         | .....         | .....      | 200         | 1200         | 100        | .....             | 171792          | 110                | 120                        | 32,504  | 04     |
| 20                | .....              | 10        | .....                        | 20         | .....         | 300           | .....      | 100         | 500          | 500        | .....             | 433600          | 5                  | 400                        | 56,461  | 75     |
| 300               | .....              | .....     | .....                        | .....      | .....         | .....         | .....      | 1450        | .....        | 2000       | 26                | 177744          | .....              | 250                        | 24,320  | 28     |
| 670               | .....              | 16        | .....                        | .....      | .....         | .....         | .....      | .....       | .....        | .....      | .....             | 339280          | .....              | 400                        | 46,583  | 60     |
| .....             | .....              | .....     | .....                        | .....      | .....         | .....         | .....      | .....       | .....        | .....      | 17000             | .....           | .....              | .....                      | 51,000  | 00     |
| 460               | .....              | 1500      | 400                          | .....      | .....         | .....         | .....      | 200         | 1500         | 2000       | 200               | 87072           | 200                | 80                         | 19,955  | 64     |
| 1290              | .....              | 650       | 200                          | .....      | .....         | 500           | .....      | .....       | .....        | 5000       | 3000              | 14016           | 300                | 20                         | 19,329  | 42     |
| 280               | 40                 | 20        | .....                        | .....      | .....         | .....         | .....      | .....       | .....        | 1000       | 3600              | .....           | 6                  | .....                      | 12,208  | 90     |
| 350               | .....              | .....     | .....                        | .....      | .....         | .....         | .....      | 500         | 500          | .....      | .....             | .....           | .....              | .....                      | 2,260   | 00     |
| 220               | 100                | 20        | .....                        | 30         | .....         | .....         | .....      | 4500        | .....        | 9000       | .....             | 96992           | 60                 | 60                         | 16,828  | 04     |
| 20                | 25                 | .....     | .....                        | .....      | .....         | .....         | .....      | 13500       | 20500        | 15500      | 350               | .....           | .....              | .....                      | 4,212   | 70     |
| 15628             | 229                | 4191      | 5999                         | 1294       | 12500         | 4715          | 600        | 21900       | 27400        | 40100      | 24426             | 2072992         | 2670               | 1750                       | 504,498 | 27     |

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in and the Total Number of Men employed, &c., in the County of

| DISTRICT.  | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |       |        | FISHING MATERIAL. |          |            |                   |                             |                       |                    |                    |
|--|--|----------|--------|--------|-------|--------|-------------------|----------|------------|-------------------|-----------------------------|-----------------------|--------------------|--------------------|
|  | Vessels.                               |          |        | Boats. |       |        | Nets.             |          | Weirs, No. | Seinees, fathoms. | Salmon, fresh, in ice, lbs. | Salmon, in cans, lbs. | Mackerel, barrels. | Mackerel, in cans. |
|  | No.                                    | Tonnage. | Value. | Men.   | No.   | Value. | Men.              | Fathoms. |            |                   |                             |                       |                    |                    |
| <i>Queen's.</i>  |  |          |        |        |       |        |                   |          |            |                   |                             |                       |                    |                    |
| Prince County, E. Line, to New London.....                                   | 1                                      | 54       | 1200   | 12     | 18    | 1630   | 60                | 810      | 400        | ...               | 780                         | .....                 | .....              | 407                |
| Cavendish to New London...   | 5                                      | 270      | 8700   | 24     | 9     | 320    | 35                | 120      | 85         | ...               | .....                       | .....                 | .....              | 45                 |
| Clifton.....   | .....                                  | .....    | .....  | .....  | 1     | 40     | 4                 | .....    | .....      | .....             | .....                       | .....                 | .....              | .....              |
| Rustico District.....  | 1                                      | 26       | 1000   | 10     | 100   | 5000   | 450               | 7210     | 3600       | ...               | 1170                        | .....                 | .....              | 2500               |
| New Glasgow.....   | .....                                  | .....    | .....  | .....  | 10    | 300    | 30                | 200      | 100        | .....             | .....                       | .....                 | .....              | 125                |
| To Head of Wheatley.....   | .....                                  | .....    | .....  | .....  | 17    | 2500   | 108               | 240      | 100        | ...               | 150                         | .....                 | .....              | 170                |
| Cove Head and Tracadie, including Ponds to King's County, N.W. Line.....     | .....                                  | .....    | .....  | .....  | 48    | 2830   | 158               | 4056     | 2000       | ...               | 450                         | .....                 | .....              | 597                |
| King's County, S.W. Line, to Point Prim.....                                 | 7                                      | 120      | 8000   | 15     | 15    | 450    | 30                | 1600     | 800        | ...               | 120                         | .....                 | .....              | 30                 |
| Pownal Bay to Seal River.....  | .....                                  | .....    | .....  | .....  | ..... | .....  | .....             | .....    | .....      | .....             | .....                       | .....                 | .....              | 1000               |
| Hillsborough Bay, including Charlottetown.....                               | .....                                  | .....    | .....  | .....  | ..... | .....  | .....             | .....    | .....      | .....             | .....                       | .....                 | .....              | .....              |
| Argyle Shore.....  | .....                                  | .....    | .....  | .....  | 22    | 880    | 50                | 1000     | .....      | .....             | .....                       | .....                 | .....              | 10                 |
| De Sable to Prince County, S.E. Line.....                                    | 5                                      | 200      | 5000   | 25     | 6     | 150    | 12                | 150      | 75         | ...               | .....                       | .....                 | .....              | 100                |
| Rivers: North, East, West, Trout, Johnston's, Vernon, Winter and others..... | .....                                  | .....    | .....  | .....  | ..... | .....  | .....             | .....    | .....      | .....             | .....                       | .....                 | .....              | 2000               |
| Totals.....  | 19                                     | 670      | 23900  | 86     | 246   | 14090  | 937               | 15386    | 7160       | ...               | 2670                        | 400                   | .....              | 4184               |
|  |  |          |        |        |       |        |                   |          |            |                   |                             |                       |                    | 3000               |

the Fisheries, Quantity and Value of Fishing Material, Kinds and Quantities of Fish, Queen's, Province of Prince Edward Island, for the Year 1884.

| KINDS OF FISH.    |                    |           |                             |            |               |               |            |            |             |             |            |                   | FISH PRODUCTS.  |                    | VALUE. |                           |    |
|-------------------|--------------------|-----------|-----------------------------|------------|---------------|---------------|------------|------------|-------------|-------------|------------|-------------------|-----------------|--------------------|--------|---------------------------|----|
| Herring, barrels. | Alewives, barrels. | Cod, cwt. | Cod Tongues and Sounds, lbs | Hake, cwt. | Haddock, cwt. | Halibut, lbs. | Shad, lbs. | Bass, lbs. | Trout, lbs. | Smelt, lbs. | Eels, lbs. | Oysters, barrels. | Lobsters, cans. | Fish Oil, gallons. |        | Fish used as manure, tons | \$ |
| 1825              |                    | 450       | 400                         |            |               |               |            |            |             |             |            |                   | 163000          | 175                | 200    | 33,416                    | 25 |
| 310               | 60                 | 225       | 200                         | 40         | 1000          |               |            |            | 1200        | 1000        | 3000       |                   |                 | 80                 |        | 3,550                     | 25 |
|                   |                    | 35        |                             | 4          | 250           |               |            |            | 300         |             | 7000       | 180               |                 | 75                 |        | 1,204                     | 50 |
| 6000              |                    | 6000      |                             |            | 1000          |               |            |            |             | 500         | 6000       |                   | 36720           | 100                | 100    | 79,521                    | 40 |
| 300               |                    | 100       |                             |            |               |               |            |            | 1500        | 2000        | 4000       |                   |                 |                    |        | 3,325                     | 00 |
| 1000              |                    | 250       |                             |            | 4000          |               |            |            | 80          |             | 200        |                   |                 | 300                |        | 7,214                     | 30 |
| 1410              | 220                | 924       |                             |            |               |               |            |            | 300         | 1000        | 500        |                   | 117600          | 325                | 100    | 30,838                    | 25 |
| 450               |                    | 95        | 150                         | 95         | 5000          | 400           | 60         | 500        | 2500        | 400         |            |                   | 343200          | 150                | 300    | 45,166                    | 85 |
| 36                |                    |           |                             |            |               |               |            |            |             |             |            | 430               |                 |                    |        | 1,434                     | 00 |
| 10                |                    | 20        |                             |            | 1500          | 400           |            | 1000       | 500         | 200         | 1800       |                   |                 |                    |        | 5,901                     | 00 |
| 685               | 5                  |           |                             |            |               |               |            | 1000       | 10000       | 500         | 200        |                   | 226688          |                    | 300    | 32,560                    | 06 |
| 400               |                    |           |                             |            |               |               |            |            |             |             | 1000       |                   | 76800           |                    | 50     | 13,166                    | 00 |
|                   | 10                 |           |                             |            |               |               |            | 2600       | 12000       |             |            | 1230              |                 |                    |        | 4,601                     | 00 |
| 12426             | 295                | 8099      | 750                         | 139        | 12750         | 800           | 60         | 8480       | 29500       | 22800       | 3840       | 964008            | 1205            | 1050               |        | 261,888                   | 86 |

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in and the Total Number of Men employed, &c., in the County of

| DISTRICT.  | VESSELS AND BOATS EMPLOYED IN FISHING. |          |        |        |     |        | FISHING MATERIAL. |          |            |                  |                             |                    |        |
|--|--|----------|--------|--------|-----|--------|-------------------|----------|------------|------------------|-----------------------------|--------------------|--------|
|  | Vessels.                               |          |        | Boats. |     |        | Nets.             |          | Weirs, No. | Seines, fathoms. | Salmon, fresh, in ice, lbs. | Mackerel, barrels. |        |
|  | No.                                    | Tonnage. | Value. | Men.   | No. | Value. | Men.              | Fathoms. |            |                  |                             |                    | Value. |
| <i>Kings.</i>  |  |          | \$     |        |     | \$     |                   | \$       |            |                  |                             |                    |        |
| Queen's County, N.W. Line to Morell, including St. Peter's Bay ...           |  |          |        |        | 60  | 1500   | 180               | 2510     | 1000       | ...              | 350                         | 475                | 365    |
| Morell to Cable Head.....  |  |          |        |        | 10  | 500    | 30                | 1000     | 500        | ...              | .....                       | 2718               | 280    |
| Schooner Pond to Naufrage.....   |  |          |        |        | 60  | 1500   | 180               | 2510     | 1000       | ...              | 350                         | 1200               | 600    |
| Lots 46 and 47, including North and South Lakes.....                         |  |          |        |        | 130 | 4000   | 400               | 7572     | 3000       | ...              | 175                         | .....              | 780    |
| To Red Head, including Souris.....   | 4                                      | 300      | 9500   | 40     | 90  | 1390   | 173               | 8080     | 3216       | ...              | 780                         | .....              | 592    |
| Rollo, Fortune and Howe Bays.....  |  |          |        |        | 27  | 600    | 204               | 400      | 200        | ...              | .....                       | .....              | 136    |
| Boughton Bay and Island.....   |  |          |        |        | 60  | 1800   | 180               | 6000     | .....      | .....            | .....                       | .....              | 980    |
| Cardigan Bay.....  | 4                                      | 200      | 6000   | 30     | 50  | 1500   | 200               | 500      | 1000       | .....            | .....                       | .....              | 30     |
| Georgetown to Cape Sharp.....  | 5                                      | 40       | 1800   | 20     | 20  | 600    | 40                | 2500     | 1200       | .....            | .....                       | .....              | 600    |
| To Queen's County S.E. Line, including Murray Harbour.....                   | 6                                      | 150      | 4500   | 24     | 25  | 600    | 50                | 2000     | 1000       | .....            | .....                       | .....              | 100    |
| Rivers Morell, Midgell, Marie, Montague, Cardigan, Brudenell and others..... |  |          |        |        | 8   | 250    | 24                | 180      | 140        | .....            | .....                       | .....              | 50     |
| Totals.....  | 19                                     | 690      | 21800  | 114    | 540 | 14240  | 1661              | 33252    | 12256      | ...              | 1655                        | 4393               | 4513   |

the Fisheries, Quantity and Value of Fishing Material, Kinds and Quantities of Fish, King's, Province of Prince Edward Island, for the Year 1884.

| KINDS OF FISH.     |                   |                    |           |                              |            |               |               |             |             |            |                   |                 | FISH PRODUCTS.     |                   |                            | VALUE.  |      |
|--------------------|-------------------|--------------------|-----------|------------------------------|------------|---------------|---------------|-------------|-------------|------------|-------------------|-----------------|--------------------|-------------------|----------------------------|---------|------|
| Mackerel, in cans. | Herring, barrels. | Alewives, barrels. | Cod, cwt. | Cod Tongues and Sounds, lbs. | Hake, cwt. | Haddock, lbs. | Halibut, lbs. | Trout, lbs. | Smelt, lbs. | Eels, lbs. | Oysters, barrels. | Lobsters, cans. | Fish Oil, gallons. | Fish Guano, tons. | Fish used as manure, tons. | \$      | cts. |
| .....              | 703               | 399                | 240       | .....                        | 63         | 1150          | 460           | 900         | 450         | 940        | 24                | 48000           | 151                | ...               | 100                        | 15,434  | 40   |
| .....              | 180               | 87                 | 430       | .....                        | 30         | .....         | .....         | .....       | .....       | .....      | .....             | 48000           | 400                | .....             | .....                      | 12,184  | 70   |
| .....              | 160               | 73                 | 40        | .....                        | .....      | .....         | .....         | 1100        | 1200        | 200        | .....             | 62796           | 42                 | .....             | .....                      | 14,718  | 32   |
| .....              | 2600              | 400                | 2600      | 2600                         | 2300       | .....         | .....         | 5000        | 1000        | 5300       | .....             | 151275          | 2450               | ...               | 100                        | 60,913  | 50   |
| .....              | 1412              | .....              | 1418      | 1439                         | 2005       | 12500         | .....         | .....       | .....       | .....      | .....             | 115120          | 2663               | ...               | 100                        | 41,944  | 50   |
| .....              | 168               | .....              | 105       | 100                          | 100        | .....         | .....         | 500         | 1000        | 2000       | .....             | .....           | 200                | .....             | .....                      | 3,233   | 25   |
| .....              | 1275              | .....              | 600       | 200                          | 300        | 2000          | .....         | 400         | 5000        | 2000       | .....             | 154800          | 900                | ...               | 100                        | 38,455  | 00   |
| 1000               | 350               | .....              | 20        | .....                        | .....      | .....         | .....         | 500         | 5000        | 300        | .....             | .....           | .....              | .....             | .....                      | 2,253   | 00   |
| .....              | 550               | .....              | 1000      | 1000                         | 400        | .....         | .....         | .....       | 500         | 500        | .....             | 219360          | 500                | ...               | 100                        | 41,308  | 20   |
| 1000               | 700               | .....              | 1000      | 4500                         | 2500       | 2000          | .....         | 500         | 2000        | 3000       | .....             | 500304          | 1800               | ...               | 200                        | 81,701  | 48   |
| .....              | 125               | .....              | 100       | 300                          | 100        | .....         | .....         | 5600        | 1100        | 2500       | .....             | .....           | 100                | .....             | .....                      | 2,587   | 00   |
| 2000               | 8163              | 959                | 7553      | 10139                        | 7798       | 17650         | 460           | 14500       | 17250       | 16740      | 24                | 1299655         | 9206               | ...               | 700                        | 314,733 | 35   |



**RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, Quantity and Value of Fishing Material, Kinds and Quantities of Fish, and the Total Number of Men employed, &c., in the Province of Edward Island, for the Year 1884.**

| DISTRICT.                         | VESSELS AND BOATS EMPLOYED IN FISHING. |        |        |         |        |        | FISHING MATERIAL. |          |        |         | KINDS OF FISH. |         |       |                             |                       |                    |                    |                   |                    |  |
|-----------------------------------|--|--------|--------|---------|--------|--------|-------------------|----------|--------|---------|----------------|---------|-------|-----------------------------|-----------------------|--------------------|--------------------|-------------------|--------------------|--|
|                                   | Vessels.                               |        |        | Boats.  |        |        | Mens.             | Rathoms. | Value. | Number. | Value.         | Weirs.  |       | Salmon, fresh, in ice, lbs. | Salmon, in cans, lbs. | Mackerel, barrels. | Mackerel, in cans. | Herring, barrels. | Alewives, barrels. |  |
|                                   | Tonnage.                               | Value. | Mens.  | Number. | Value. | Value. |                   |          |        |         |                | Number. |       |                             |                       |                    |                    |                   |                    |  |
| Prince County.....                | 9                                      | 404    | 12,500 | 82      | 422    | 20,270 | 1,268             | 9,595    | 5,440  | 1       | 1,630          | 1,841   | 500   | 8,169                       | 7,484                 | 15,628             | 229                |                   |                    |  |
| Queen's do .....                  | 19                                     | 670    | 23,900 | 86      | 246    | 14,090 | 937               | 15,380   | 7,160  | .....   | 2,670          | 400     | ..... | 4,184                       | 3,000                 | 12,426             | 295                |                   |                    |  |
| King's do .....                   | 19                                     | 690    | 21,800 | 114     | 495    | 13,685 | 1,533             | 33,442   | 12,556 | .....   | 1,305          | 4,393   | ..... | 4,513                       | 2,000                 | 8,163              | 959                |                   |                    |  |
| Fresh fish, 16,000 families ..... |  |        |        |         |        |        |                   |          |        |         |                |         |       |                             |                       |                    |                    |                   |                    |  |
| Totals .....                      | 47                                     | 1,764  | 58,200 | 282     | 1,163  | 48,015 | 3,738             | 58,417   | 25,156 | 1       | 5,605          | 6,634   | 500   | 16,866                      | 12,484                | 36,217             | 1,483              |                   |                    |  |

| DISTRICT.                         | KINDS OF FISH. |                              |            |               |               |            |           |             |              |            |                   |                 |                    | FISH PRODUCTS.                |         | VALUE. |
|-----------------------------------|----------------|------------------------------|------------|---------------|---------------|------------|-----------|-------------|--------------|------------|-------------------|-----------------|--------------------|-------------------------------|---------|--------|
|                                   | Cod, cwt.      | Cod Tongues and Sounds, lbs. | Hake, cwt. | Haddock, lbs. | Halibut, lbs. | Shad, lbs. | Bas, lbs. | Trout, lbs. | Smelts, lbs. | Bels, lbs. | Oysters, barrels. | LOBSTERS, cans. | Fish Oil, gallons. | Fish used as manure, barrels. | Cts.    |        |
| Prince Connty. ....               | 4,191          | 5,999                        | 1,294      | 12,500        | 4,715         | 600        | .....     | 21,900      | 27,400       | 40,100     | 24,426            | 2,072,992       | 2,670              | 1,750                         | 504,498 | 27     |
| Queen's do .....                  | 8,099          | 750                          | 139        | 12,760        | 800           | 60         | 8,450     | 29,500      | 22,800       | 22,800     | 3,840             | 864,008         | 1,205              | 1,050                         | 261,888 | 88     |
| King's do .....                   | 7,552          | 10,139                       | 7,798      | 17,660        | 460           | .....      | 14,900    | 17,250      | 16,740       | 24         | .....             | 1,299,655       | 9,266              | 700                           | 314,731 | 55     |
| Fresh fish, 16,000 families ..... |                |                              |            |               |               |            |           |             |              |            |                   |                 |                    |                               | 4,600   | 00     |
| Totals .....                      | 19,843         | 16,888                       | 9,231      | 42,900        | 5,975         | 600        | 44,880    | 74,150      | 79,640       | 28,290     | 4,336,650         | 13,081          | 3,500              | 1,085,618                     | 68      |        |

## RECAPITULATION.

YIELD and Value of the different Fisheries in the Province of Prince Edward Island, during the Year 1884.

| Kinds of Fish.   |        | Price.  | Quantities. | Value.       |
|--|--------|---------|-------------|--------------|
|  |        | \$ cts. |             | \$ cts.      |
| Salmon, fresh.....   | Lbs.   | 0 15    | 6,634       | 995 10       |
| do canned.....   | Cans.  | 0 25    | 500         | 125 00       |
| Mackerel.....  | Brls.  | 10 00   | 16,866      | 168,660 00   |
| do canned.....   | Cans.  | 0 12    | 12,484      | 1,498 08     |
| Herring.....   | Brls.  | 4 00    | 36,217      | 144,868 00   |
| Alewives.....  | do     | 3 50    | 1,483       | 5,190 50     |
| Cod.....   | Cwt.   | 4 25    | 19,843      | 84,332 75    |
| Cod and Hake Sounds.....                                       | Lbs.   | 0 65    | 16,888      | 10,977 20    |
| Hake.....  | Cwt.   | 3 50    | 9,231       | 32,308 50    |
| Haddock.....   | Lbs.   | 0 08    | 42,900      | 2,574 00     |
| Halibut.....   | do     | 0 06    | 5,975       | 358 50       |
| Shad.....  | do     | 0 06    | 600         | 36 00        |
| Sea Bass.....  | do     | 0 06    | 60          | 3 60         |
| Trout.....   | do     | 0 06    | 44,880      | 2,692 80     |
| Smelt.....   | do     | 0 06    | 74,150      | 4,449 00     |
| Eels.....  | do     | 0 06    | 79,640      | 4,778 40     |
| Oysters.....   | Brls.  | 3 00    | 28,290      | 84,870 00    |
| Lobsters, canned.....  | Lbs.   | 0 12    | 4,336,655   | 520,398 60   |
| Fish Oil.....  | Galls. | 0 65    | 13,081      | 8,502 65     |
| Fish Manure, unmanufactured.....                               | Tons.  | 1 00    | 3,500       | 3,500 00     |
| Fresh Fish, 15,000 families.....                               | Lbs.   | 0 03    | 150,000     | 4,500 00     |
| Total Value of the Products of the P.E.I. Fisheries, 1884..... |        |         |             | 1,085,618 68 |
| do do 1883.....  |        |         |             | 1,272,467 93 |
| Decrease in 1884.....  |        |         |             | 186,849 25   |

J. HUNTER DUVAR,  
Inspector of Fisheries, P.E.I.

## No. 7.

## BRITISH COLUMBIA.

NEW WESTMINSTER, 9th February, 1885.

The Honorable A. W. McLELAN,  
Minister of Marine and Fisheries, Ottawa.

SIR,—I have the honour to forward herewith the statistics of the yield of the fisheries in British Columbia for the year 1884, and beg to report as follows :—

1. The returns show a decrease from last year, amounting to \$286,378.32. This decrease falls chiefly on the salmon pack on the Fraser River, numbering 55,050 cases less than last year. As will be seen by the returns, only six (6) canneries out of thirteen (13) operated during the season. This was owing, not only to the periodical short run of the suck-kie, but to the large quantity of tinned salmon on the market and the low prices obtained.

2. The following extract is taken from the review made on the canning trade of the year 1884 by the San Francisco *Chronicle*, viz. :—

“There is estimated to be over in Great Britain now—1st January, 1885—in an unsalable condition, pressing on the market like a load on a dyspeptic’s stomach, over two hundred thousand (200,000) cases of fall salmon, that will not bring much more than freight, insurance and charges.”

3. A good deal of bad fish has, no doubt, been put up through the hurried and imperfect packing during the last part of the season, when there has been a tremendous run of fish, a thing which occurs periodically in the Fraser River. In future, no doubt, the canners will be more careful, as they now see the bad result of putting up inferior fish, &c. &c. Each firm, I now hope, will endeavor to produce such an article as will please their customers, and tend to increase the canned salmon trade of this Province.

4. The proportion of salmon packed by the several canneries on the Fraser, and the canneries on the northern coast, are as follows, viz. :—

|  | Cases.         |
|--|----------------|
| Fraser River, six (6) canneries.....       | 38,437         |
| Northern coast, eleven (11) canneries..... | 102,805        |
| Total cases, 4 doz. 1 lb. cans each.....   | 141,242        |
| Representing an aggregate of.....          | 6,779,616 lbs. |

Of this pack the following shipments are recorded :—

|   | Cases.  |
|---|---------|
| Per “Harvest Home,” for London.....           | 16,820  |
| Per “Frederick P. Lichfield,” for London..... | 34,532  |
| Per “Estrella-de-Chile,” for London.....      | 25,516  |
| Australia.....                                | 76,868  |
| Canada, E.....                                | 13,791  |
| Overland and destination unknown.....         | 30,463  |
| On hand, including home consumption.....      | 14,176  |
|   | 5,944   |
| Total number of cases.....                    | 141,242 |

5. Through some unknown cause, the herring, although plentiful in the Gulf of Georgia, did not enter the Narrows at Burrard Inlet as usual, in sufficient quantities to justify the working of Mr. J. Spratt's oil and scrap manufactory.

This energetic gentleman has, during the past year, expended in further improved machinery, at Cove Harbour, upwards of \$20,000, to more effectually extract the oil from fish, and in the manufacture of scrap from the offal. Next year (1885) he intends to collect from the canneries on the Fraser River the salmon offal and convey it to his factory for the above purpose. In the event of this attempt proving a success, it would be advisable to prohibit any fish offal from being passed into the Fraser River, which no doubt is objectionable.

6. The fish scrap manufactured by Mr. Spratt is of superior quality; I tested it, and found that the acre of land manured with it yielded nearly double of the acre planted with like crop without manure.

7. A whale fishery is about to be established in the Gulf of Georgia, which, I have every reason to believe, will prove a great commercial success.

8. The demand for sturgeon is largely on the increase. This fish reaches to an almost incredible size in these waters; the largest captured this year weighed over 800 pounds. They have been caught up to 1,400 pounds.

James G. Swan, Esq., the Assistant United States Fish Commissioner, stationed at Port Townsend, in Washington Territory, in a letter to the Port Townsend *Weekly Argus*, on his visit to New Westminster, on the 16th ultimo, says, in describing the size of the Fraser River sturgeon: "This may sound like a fish story to those who never saw a fish bigger than a salmon, but there is no reason to doubt the truth of the statement, the great sturgeon of the Danube often exceeds 1,000 pounds, and the Fraser River sturgeon equals them in size."

Mr. Gauthier, of Detroit, Ont., and others, on the completion of the Canadian Pacific Railway, intend packing this fish, together with other kinds, in ice, and exporting same to the North-West by rail.

9. The business of importing oysters for culture from eastern Canada is still in abeyance.

I received a letter from the Secretary of the Mud Bay Oyster Company, dated 21st ultimo, in reply to enquiries made, as follows:—

"I have the honour to state for your information that the company sent me to San Francisco, last January, for the purpose of making arrangements to obtain a supply of eastern oysters; but, as the results after full, careful and complete enquiry, we found that the expense of obtaining oysters on the American lines would be too great to leave any margin of profit. When the Canadian Pacific Railway is finished, oysters can be imported at reasonable rates, and we trust that you will recommend the Honorable the Minister of Marine and Fisheries to grant us leave to delay until we can import oysters at a reasonable rate."

I therefore beg to recommend that their application may receive your most favorable consideration, as I am confident that as soon as transit can be made direct from eastern Canada the company will import a large stock of young oysters for planting at Mud Bay.

Mr. A. J. McLellan who obtained oysters from New York, and planted them in certain tidal waters of which he holds a lease, reports that the oysters are doing well at present, but he cannot state clearly about their spawning. A large amount of spat have attached themselves to all clean objects, and are now about the size of a 10-cent piece. Whether they are the offspring of native oysters or of those he imported from New York he cannot determine. He says: "The probability is that the native oysters have propagated in thousands, on account of imported oysters acting as clean stools for the native spat. The imported oysters are too young to emit spat until next year, when I hope to meet with good results. The sales have been very limited. I imported, 76 barrels of young oysters and 20 barrels of marketable ones; of the latter I have only sold 10 barrels, at \$20 per barrel. I am sorry I cannot give you more solid information in regard to the breeding, as this is the

important point. The large oysters I imported might have emitted spat, but I shall not be able to tell until next year."

Mr. John McLeod, of Sanich, Vancouver Island, applied for a lease of a part of the west shore of Sanich Inlet, Vancouver Island, for oyster culture, but as he has not replied to questions as to whether the granting of said lease would interfere with any vested rights, I have not forwarded the application.

10. C. B. Bagster, Esq., writing from Charlottetown, P.E.I., for information respecting the temperature of the Japan current which circulates through the British Columbia islands, as he is preparing a paper on the propagation of the lobster, not having any statistics to refer to, I wrote to Capt. J. Devereaux, commanding the Dominion Government steamer "Sir James Douglas," asking for the desired information, who, very kindly, sent me a very comprehensive statement, a copy of which is appended.

11. The fishermen of the Province are well conducted, peaceable and orderly; very few offences against the Fisheries Act were detected, although a strict supervision has been kept up. In each case suitable fines were inflicted.

12. In conclusion, I may say the outlook of the fishery industry of British Columbia is very promising, and ere long will be of great commercial value.

I have the honour to be, Sir,

Your obedient servant,

G. PITTENDRIGH,

*Inspector of Fisheries for British Columbia.*

STEAMER "SIR JAMES DOUGLAS,"

VICTORIA, 30th January, 1885.

MY DEAR CAPTAIN PITTENDRIGH,—In answer to your letter of the 27th instant, respecting the temperature, &c., of the water along these shores, I fear we are in great lack of reliable information on the subject; but, however, I will do all I can to assist you. Owing to the want of a thoroughly organized scientific survey and the comparatively recent time this coast has been settled, not much attention has hitherto been given to this subject, and all I know is from private observations taken by me as an amateur.

Some years ago I found the Kwra Tuva, or Japan current, at the south end of Kensis and, near the Loo-Choo Islands, in lat. 30° N. and long. 130° E., to be from 80° to 84° Fahr.; thence I have traced it eastward, varying downward from 70° to 60° in lat. 50° N. and long. 130° W., where the depth would possibly be 800 fathoms—and here I found the stream distinctly marked with dividing or partition walls, and abrupt changes in temperature; and now comes the difficulty, for where these waters go or what course the currents take after reaching the coast is a problem not solved. In my opinion they disperse, and are diffused all over the coast. Others will tell you this is only an hypothesis—and, in effect, illusory—for warm water being lighter than cold would float on the surface, and there be discovered by everybody. Now, this is not a scientific fact, for water only increases its weight and density until it reaches the temperature of 40° Fahr.; after that it becomes lighter and lighter the colder it gets, thereby protecting, as with a mantle, the warm water underneath from losing its caloric. Were it otherwise, the ocean would freeze to its depths, and once in that state would never again thaw, and the world and all animal life become dead. Now, as I have already said, I believe these waters are diffused all over the coasts of British Columbia and Alaska, for they cannot find their way out of the North Pacific until they have found their level, and thereby raise the atmospheric temperature on this coast. For, be it observed, that we never have a cold snap here only with the wind at N.E., in which quarter it has a clear sweep round the north end of the Rocky Mountains and brings with it the low temperature from the northern regions.

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The bank of soundings on the west coast of British Columbia extends from the boundaries of Alaska to Cape Flattery, in Washington Territory, a distance of over 500 miles, and varying from 12 to 45 miles off shore. These banks are more or less the abode of deep-sea fish, and along their outer edges the fur seal feeds in spring and part of summer, and then disappears, and also down the slope of these banks descends the salmon of our rivers to regions unknown, again to reappear in due season; and, to conclude, I have to say that, in all my experience over these banks, and in the inland waters and islets, of which we have a coast line of 7,500 miles, I have never found the temperature of the water, at from 2 to 4 fathoms below the surface, less than 44° Fahr., and sometimes as high as 50°, with the thermometer in the open air at 16° Fahr.

Any more reliable information must of necessity be collected by a series of observations taken at different positions along the coast.

JOHN DEVEREUX,

*Commander.*

The last temperatures were taken at depths varying from 5 to 6 fathoms, but always below the surface.

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RETURN showing the Number and Value of Vessels, Boats,

| NAME OF PLACE.  | NAME OF FITTER OUT.              | STEAMERS. |       |        |                 | FISHING BOATS. |        |
|---|----------------------------------|-----------|-------|--------|-----------------|----------------|--------|
|   |                                  | No.       | Tons. | Value. | No. of Sailors. | No.            | Value. |
|   |                                  |           |       | \$     |                 |                | \$     |
| <b>Fraser River—</b>  |                                  |           |       |        |                 |                |        |
| New Westminster.....  | Ewen & Co.....                   | 1         | 96    | 9000   | 4               | 40             | 1200   |
| Lulu Island.....  | English & Co.....                | 1         | 20    | 5000   | 2               | 40             | 1600   |
| New Westminster.....  | British Columbia Packing Co..... |           |       |        |                 | 40             | 1500   |
| Coquillum.....  | Haigh & Son.....                 | 1         | 13    | 2500   | 2               | 30             | 1050   |
| Ladner's Landing.....   | Delta Canning Co.....            | 1         | 3     | 1250   | 2               | 42             | 1250   |
| Sapperton.....  | Jas. Laidlow.....                |           |       |        |                 | 40             | 1600   |
| Canoe Pass.....   | British American Packing Co..... |           |       |        |                 | 26             | 1040   |
| do.....   | Wellington Cannery.....          | 1         | 3     | 1500   | 2               | 40             | 1600   |
| do.....   | British Union Packing Co.....    |           |       |        |                 | 30             | 1500   |
| do.....   | E. A. Wadham.....                |           |       |        |                 | 32             | 900    |
| Dease's Island.....   | Findlay, Durham & Brodie.....    | 1         | 15    | 3000   | 2               | 21             | 630    |
| North Arm, F.R.....   | Richmond Cannery.....            |           |       |        |                 | 25             | 1000   |
| No. of licensed boats used in fishing for sale to canneries and fish markets..... |                                  |           |       |        |                 | 60             | 1200   |
| Coal Harbor.....  | Spratt's Oil Factory.....        |           |       |        |                 | 4              | 250    |
| Floating Cannery.....   | Joseph Spratt.....               |           |       |        |                 | 11             | 440    |
| Skeena River.....   | Skeena River Packing Co.....     |           |       |        |                 | 15             | 750    |
| do.....   | Windsor Packing Co.....          |           |       |        |                 | 28             | 840    |
| do.....   | William Duncan.....              | 1         | 5     | 1000   | 2               | 15             | 750    |
| do.....   | Balmoral Canning Co.....         |           |       |        |                 | 10             | 400    |
| do.....   | Inverness do.....                |           |       |        |                 | 40             | 1600   |
| do.....   | British American Canning Co..... |           |       |        |                 | 25             | 1000   |
| Naas River.....   | Naas River Fishery.....          | 1         | 8     | 1500   | 2               | 28             | 840    |
| do.....   | Oolahan Fishery.....             |           |       |        |                 | 4              | 260    |
| Alert Bay.....  | Alert Bay Canning Co.....        |           |       |        |                 | 6              | 300    |
| Rivers' Inlet.....  | Rivers' Inlet do.....            |           |       |        |                 | 24             | 960    |
| do.....   | Victoria Packing Co.....         |           |       |        |                 | 10             | 400    |
| do.....   | Wannack do.....                  |           |       |        |                 | 10             | 400    |
| do.....   | Helgesen & Co.....               |           |       |        |                 | 1              | 40     |
| Smith's Inlet.....  | Quashela Packing Co.....         |           |       |        |                 | 5              | 250    |
| Queen Charlotte Island  | Skidegate Oil Co.....            | 1         | 37    | 6000   | 3               | 6              | 300    |
| Coast of British Columbia, estimated.....   |                                  | †10       | 100   | 7000   | 20              | 150            | 15000  |
| West Coast, Vancouver Island, engaged in seal fishery.....                        |                                  | * 9       | 525   | 25000  | 40              | 148            | .....  |
|   |                                  | 1         | 50    |        |                 |                |        |
| Bilhoola.....   | John McDonald.....               |           |       |        |                 | 3              | 120    |
| Dean Canoe.....   | John Clayton.....                |           |       |        |                 | 5              | 200    |
| Burrard Inlet.....  | J. Bossanich.....                | † 1       | 5     | 500    | 2               | 2              | 70     |
| do.....   | J. Pete.....                     |           |       |        |                 | 1              | 60     |
| do.....   | J. Portega.....                  |           |       |        |                 | 1              | 50     |
| do.....   | T. Sackton.....                  |           |       |        |                 | 1              | 65     |
| do.....   | Portague Joe.....                |           |       |        |                 | 1              | 60     |
| do.....   | J. Kinkade.....                  | † 1       | 12    | 600    | 2               | 1              | 70     |
| do.....   | J. Brown.....                    |           |       |        |                 | 1              | 60     |
| do.....   | Squamish Indians.....            |           |       |        |                 | 3              | 100    |
| do.....   | J. J. Gould.....                 |           |       |        |                 | 1              | 50     |
|   | Total Steamers.....              | 10        |       | 63850  | 85              | 878            | .....  |
|   | " Schooners.....                 | 9         |       | 892    |                 | .....          | 42755  |
|   | " Sloops.....                    | 12        |       | .....  |                 | 198            | .....  |

\* Schooners. † Sloops. || Canoes. § Native Hunters.

Nets, etc., in the Province of British Columbia, for the Year 1884.

| FLAT BOATS. |        | NETS AND SEINES   |       |              |        |        |                 |        |               |        |        |               |        | REMARKS. |              |                               |    |
|-------------|--------|-------------------|-------|--------------|--------|--------|-----------------|--------|---------------|--------|--------|---------------|--------|----------|--------------|-------------------------------|----|
| No.         | Value. | No. of Fishermen. |       | Salmon Nets. |        |        | Herring Seines. |        | Herring Nets. |        |        | Oolahan Nets. |        |          | Fish Seines. |                               |    |
|             |        |                   |       | No.          | Yards. | Value. | No.             | Value. | No.           | Yards. | Value. | No.           | Value. |          | No.          | Value.                        |    |
|             | \$     |                   |       |              |        | \$     |                 | \$     |               |        | \$     | \$            |        | \$       |              |                               |    |
| 6           | 600    | 130               | 110   | 60           | 20000  | 6000   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | Not in operation this season. |    |
| 1           | 250    | 72                | 60    | 70           | 21000  | 10000  | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        |                               | do |
| 4           | 400    | .....             | ..... | 70           | 20000  | 10000  | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        |                               | do |
| 6           | 500    | .....             | ..... | 33           | 16500  | 2735   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        |                               | do |
| 3           | 250    | .....             | ..... | 7            | 18000  | 7000   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        |                               | do |
| 5           | 800    | 140               | 130   | 80           | 24000  | 8000   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        |                               | do |
| 2           | 250    | 160               | 80    | 60           | 12000  | 2400   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        |                               | do |
| 3           | 180    | .....             | ..... | 19           | 7800   | 3000   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        |                               | do |
| 1           | 125    | .....             | ..... | 45           | 13500  | 7200   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        |                               | do |
| 1           | 125    | .....             | ..... | 41           | 12300  | 6150   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        |                               | do |
| .....       | .....  | 100               | 80    | 35           | 6270   | 2000   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | do                            |    |
| .....       | .....  | .....             | 120   | .....        | 60     | 11000  | 3500            | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | do                            |    |
| 8           | 800    | .....             | ..... | .....        | .....  | .....  | .....           | 1      | 400           | 5      | 700    | 2500          | .....  | .....    | .....        | do                            |    |
| .....       | .....  | 10                | 35    | 22           | 4400   | 2200   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| 1           | 250    | 60                | 50    | 15           | 15000  | 6000   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 60                | 75    | 36           | 5400   | 3000   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 30                | 50    | 15           | 4000   | 1800   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 20                | 40    | 10           | 2000   | 2000   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| 1           | 200    | 80                | 200   | 50           | 18000  | 9000   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 60                | 100   | 60           | 18000  | 9000   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 56                | 57    | 36           | 5400   | 3000   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 8                 | 10    | 3            | 600    | 300    | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 12                | 100   | 4            | 800    | 600    | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| 1           | 200    | 48                | 48    | 28           | 4000   | 2100   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| 1           | 200    | 25                | 15    | 10           | 3000   | 1500   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| 1           | 200    | 25                | 15    | 10           | 3000   | 1500   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 5                 | ..... | 1            | 300    | 150    | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 12                | 30    | 3            | 1800   | 900    | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| 20          | 600    | 20                | 20    | .....        | .....  | .....  | .....           | 2      | 600           | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 300               | ..... | .....        | .....  | .....  | .....           | 30     | 3000          | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | .....             | ..... | .....        | .....  | .....  | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | \$296             | ..... | .....        | .....  | .....  | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| 1           | 20     | 4                 | 3     | 3            | 900    | 450    | .....           | 1      | 60            | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 8                 | 5     | 6            | 1200   | 600    | .....           | 1      | 70            | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 2                 | 2     | 4            | 1600   | 1550   | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 2                 | ..... | .....        | .....  | .....  | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 2                 | ..... | .....        | .....  | .....  | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 2                 | ..... | .....        | .....  | .....  | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 2                 | ..... | .....        | .....  | .....  | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 2                 | ..... | .....        | .....  | .....  | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | 2                 | ..... | .....        | .....  | .....  | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| 1           | 75     | .....             | ..... | .....        | .....  | .....  | .....           | .....  | .....         | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| .....       | .....  | .....             | ..... | .....        | .....  | .....  | .....           | 1      | 250           | .....  | .....  | .....         | .....  | .....    | .....        | .....                         |    |
| 65          | 5700   | 1881              | 1315  | 999          | 295770 | 119635 | .....           | 39     | 4980          | 5      | 700    | 2500          | 78     | 6800     | 3            | 75                            |    |



RETURN showing the Kinds, Quantities and Prices of Fish

| NAME OF STATION.  | NAME OF OWNER.                   | Salmon, barrels, cured, at \$9 per barrel. | Salmon, fresh, No., at 30cts per fish. | Salmon, in cans, cases of 48 lbs. each, \$5. | Salmon, smoked, value. | Sturgeon, lbs., at 5cts. | Haddock, &c., value. | Halibut, fresh, in ice, value. | Herring, fresh, lbs., at 5cts. |
|---|----------------------------------|--|--|--|------------------------|--------------------------|----------------------|--------------------------------|--------------------------------|
| Fraser River—   |                                  |  |  |  | \$                     |                          | \$                   | \$                             |                                |
| New Westminster...  | Ewin & Co.....                   |  |  | 9600   |                        | 1600                     |                      |                                |                                |
| Lulu Island.....  | English & Co.....                |  |  | 4055   |                        | 900                      |                      |                                |                                |
| Sapperton.....  | Jas. Laidlow & Co.....           |  |  | 6650   |                        | 1400                     |                      |                                |                                |
| Canoe Pass.....   | Wellington Cannery.....          |  |  | 8780   |                        | 1550                     |                      |                                |                                |
| Woodward's Slough   | Spratt's Floating Cannery..      |  |  | 4400   |                        | 600                      |                      |                                |                                |
| North Arm.....  | Richmond Canning Co.....         | 50   |  | 4952   |                        | 850                      |                      |                                |                                |
| Skeena River.....   | Skeena River Packing Co...       | 724  |  | 12247  |                        |                          |                      |                                |                                |
| do.....   | Windsor Packing Co.....          | 144  |  | 10546  |                        |                          |                      |                                |                                |
| do.....   | William Duncan.....              |  |  | 9772   |                        |                          |                      |                                |                                |
| do.....   | Balmoral Canning Co.....         |  |  | 7351   |                        |                          |                      |                                |                                |
| do.....   | Inverness do.....                |  |  | 12345  |                        |                          |                      |                                |                                |
| do.....   | British American Canning Co..... |  |  | 11297  |                        |                          |                      |                                |                                |
| Naas River.....   | Naas River Fishery.....          |  |  | 8500   |                        |                          |                      |                                |                                |
| do.....   | Oolahau do.....                  | 186  |  |  |                        |                          |                      |                                |                                |
| Alert Bay.....  | Albert Bay Canning Co.....       | 150  |  | 7000   |                        |                          |                      | 300 cases of Clams             |                                |
| River's Inlet.....  | River's Inlet do.....            | 165  |  | 11887  |                        |                          |                      |                                |                                |
| do.....   | Victoria Packing Co.....         | 2200                                       |  |  |                        |                          |                      |                                |                                |
| do.....   | Wannack do.....                  |  |  | 8496   |                        |                          |                      |                                |                                |
| do.....   | Helgeson & Co.....               | 760  |  |  |                        |                          |                      |                                |                                |
| Smith's Inlet.....  | Quashela Packing Co.....         |  |  | 3364   |                        |                          |                      |                                |                                |
| Queen Charlotte Is-land.....  | Skidegate Oil Co.....            |  |  |  |                        |                          |                      |                                |                                |
| New Westminster...  | T. Herring & Co.....             |  | 10000                                  |  |                        | 50000                    | 4000                 |                                | 1500                           |
| do.....   | W. Gregory & Co.....             | 150  | 50000                                  |  | 10000                  | 180000                   | 6500                 |                                | 3050                           |
| do.....   | Fulton Market Co.....            | 7½   | 16356                                  |  | 5000                   | 75000                    | 5400                 |                                | 2000                           |
| Residents above New Westminster, for home consumption.....  |                                  | 500  | 60000                                  |  | 2000                   | 10000                    | 5000                 |                                |                                |
| Residents above Burrard Inlet, for home consumption.....  |                                  |  | 6700                                   |  |                        |                          | 8800                 |                                | 8000                           |
| Residents above Victoria and Nanaimo and the coast of British Columbia, for home consumption and exportation..... |                                  | 600  | 30000                                  |  | 350000                 | 31000                    | 211000               | 9000                           | 20000                          |
| Bought by merchants and mill companies from Indians and others.....   |                                  |  |  |  |                        |                          |                      |                                |                                |
|   |                                  | 5636½                                      | 173056                                 | 141242                                       | 367000                 | 352900                   | 240700               | 9000                           | 34550                          |

Add—Estimated sales of Fish in markets, not including Westminster..... \$110,000  
 Amount of Fish cured for private consumption..... 8,000  
 Salmon, Haddock, &c, estimated consumption by Chinese labourers and others on railway..... 60,000  
 Total..... \$178,000

in the Province of British Columbia, for the Year 1884.

|       | Smoked Herring, 12½ cts. per lb. | Assorted Fish, at 6 cts. per lb. | Trout, lbs., at 7 cts. | Oolahans, fresh, lbs., at 6 cts. | Oolahans, salted, at 8 cts. per lb. | Oolahans, smoked, boxes, at 10 cts. per lb. | No. of Fur Seal Skins. | Eastern Oysters, imported and laid down on beds, at \$20 per barrel. | Native Oysters, at \$5 per barrel. | OILS.                          |   |   |                                  |   |
|-------|----------------------------------|----------------------------------|------------------------|----------------------------------|-------------------------------------|---|------------------------|--|------------------------------------|--------------------------------|---|---|----------------------------------|---|
|       |                                  |                                  |                        |                                  |                                     |   |                        |  |                                    | Oolahau Oils, gallons, at \$1. | Black Shark and Dogfish Oil, refined, gallons, at 55 cts. | Dogfish, Seal and Porpoise Oil, gallons, at 35 cts. | Herring Oil, gallons, at 40 cts. | <p>WHERE MARKETED.</p> <p>Canned Salmon to England, Canada and Australia.</p> <p>Sturgeon, &amp;c., fresh, for home consumption.</p> <p>Oils to London, Eng, Portland and San Francisco, U.S., and Australia.</p> <p>Furs to England and United States.</p> |
| of 48 | lbs. each (1 lb. tins)           |                                  |                        |                                  | 13000                               | 13000                                       |                        |  |                                    | 43                             |   |   | 1452                             |   |
|       |                                  |                                  |                        |                                  |                                     |   |                        |  |                                    |                                | 45000   |   |                                  |   |
|       | 3100                             | 3050                             | 4000                   |                                  |                                     |   |                        |  |                                    |                                |   |   |                                  |   |
|       | 6000                             | 4000                             | 6500                   |                                  |                                     |   |                        |  |                                    |                                |   |   |                                  |   |
|       | 4000                             | 3000                             | 2000                   |                                  |                                     |   |                        |  |                                    |                                |   |   |                                  |   |
|       | 8000                             | 23000                            | 5000                   |                                  |                                     |   |                        |  |                                    |                                |   |   |                                  |   |
| 1500  | 12000                            | 7000                             | 3000                   |                                  |                                     |   |                        |  |                                    |                                |   |   |                                  |   |
| 5000  | 25000                            | 36000                            | 17000                  | 20000                            | 15000                               | 156419                                      | 10                     | 210  |                                    |                                |   | 10000   |                                  |   |
| 3500  | 58400                            | 76050                            | 37500                  | 33000                            | 28000                               | 156419                                      | 10                     | 210  | 43                                 | 45000                          | 10000   | 1452  |                                  |   |

300 cases of Clams, 48 1-lb. cans, at \$6 per case.

NUMBER and Value of Vessels and Nets engaged in the different Fisheries of the Province of British Columbia, during the Year 1884.

|     |   |              |              |
|-----|---|--------------|--------------|
| 10  | Steamers and steam auxiliaries from 3 to 96 tons. } 892 tons... |              | \$63,850 00  |
| 21  | Schooners, &c., from 5 to 80 tons.....                          |              |              |
| 878 | Fishing boats.....  |              | 42,755 00    |
| 198 | Canoes.....   |              |              |
| 65  | Flat boats.....   |              | 5,700 00     |
| 999 | Salmon nets = 295,770 yards.....                                |              | 119,635 00   |
| 39  | Herring seines.....   |              | 4,980 00     |
| 5   | do nets = 700 yards.....  |              | 2,500 00     |
| 78  | Fish seines = 6,800 yards.....                                  |              | 6,800 00     |
| 3   | Ooláhan nets.....   |              | 75 00        |
|     |   |              | 246,295 00   |
| 25  | Salmon canneries, estimated value.....                          | \$444,500 00 |              |
| 1   | Oil factory, Skidegate, Queen Charlotte Island.....             | 10,000 00    |              |
| 1   | Oil and scrap factory, Burrard Inlet.....                       | 45,000 00    |              |
| 1   | Floating cannery, &c., oil factory.....                         | 60,000 00    |              |
|     | Various salting stations.....                                   | 11,000 00    |              |
|     |   |              | 570,500 00   |
|     |   |              | \$816,795 00 |

|   |       |
|---|-------|
| Sailors .....                             | 85    |
| Fishermen.....                            | 1,585 |
| Native hunters "with sailing fleet" ..... | 296   |
| Shoremen .....                            | 1,315 |

## RECAPITULATION.

YIELD and Value of the different Fisheries in the Province of British Columbia, in the Year 1884.

| Kinds.   | Quantities.               | Value.              |
|--|---------------------------|---------------------|
|  |                           | \$ cts.             |
| Salmon, salted .....   | Brls. 5,636 $\frac{1}{2}$ | 50,728 50           |
| do fresh .....   | No. 173,056               | 51,916 80           |
| do canned, cases, 4 dozen 1 lb. cans.....  | 141,242                   | 776,831 00          |
| do smoked.....   | Lbs. 367,000              | 51,380 00           |
| Sturgeon, fresh.....   | " 352,900                 | 17,645 00           |
| Haddock, Whiting, &c.....  | " 240,700                 | 9,628 00            |
| Halibut.....   | " 150,000                 | 9,000 00            |
| Herring and Smelt, fresh.....  | " 34,550                  | 1,727 50            |
| do smoked.....   | "                         | 6,500 00            |
| Fish, assorted .....   | Lbs. 58,400               | 3,504 00            |
| Trout.....   | " 76,050                  | 5,323 50            |
| Ooláhan, fresh.....  | " 37,500                  | 2,250 00            |
| do salted .....  | " 33,000                  | 2,640 00            |
| do smoked .....  | " 28,000                  | 2,800 00            |
| Fur and hair Seal Skins.....   | "                         | 156,419 00          |
| Oil, Ooláhan .....   | Galls. 43                 | 43 09               |
| Black Shark and Dog-Fish Oil, refined .....  | " 45,000                  | 24,800 00           |
| Dog-Fish Oil.....  | " 10,000                  | 3,500 00            |
| Salmon Oil.....  | " 1,452                   | 580 80              |
| Clams, canned, cases 4 dozen 1 lb. cans.....   | 300                       | 1,800 00            |
| Fish sold in markets, not including New Westminster .....  | "                         | 110,000 00          |
| Salmon and other fish; estimated consumption by Chinese and other laborers on the C. P. Railway, not specially recorded..... | "                         | 8,000 00            |
| Eastern Oysters, imported and planted on beds.....   | Brls. 10                  | 60,000 00           |
| Native Oysters.....  | " 210                     | 200 00              |
|  |                           | 1 050 00            |
| <b>Total .....</b>   |                           | <b>1,358,267 10</b> |
| Estimated consumption by Indian population, as per previous computation :  |                           |                     |
| Salmon .....   | \$4,375,000 00            |                     |
| Halibut .....  | 180,000 00                |                     |
| Sturgeon and other fish.....   | 250,000 00                |                     |
| Fish Oils .....  | 80,000 00                 |                     |
|  |                           | 4,885,000 00        |
| <b>Grand Total of approximate yield, 1884.....</b>   |                           | <b>6,243,267 10</b> |

## Comparative Statement of Yield of the years 1883 and 1884, exclusive of Indian Consumption :

|                     |                     |
|---------------------|---------------------|
| Total, 1883.....    | \$1,644,645 42      |
| do 1884.....        | 1,358,267 10        |
| Decrease, 1884..... | <u>\$286,378 32</u> |

GEO. PITTENDRIGH,  
Inspector of Fisheries, B.C.

No.

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RETURN of the Number and Value of Vessels, Boats, Nets, &c., together with

| STATIONS.                      | VESSELS AND BOATS EMPLOYED FISHING. |          |        |        |      |        | NETS, THEIR NUMBER, SIZE, |       |        |        |             |       |        |
|--------------------------------|-------------------------------------|----------|--------|--------|------|--------|---------------------------|-------|--------|--------|-------------|-------|--------|
|                                | Vessels.                            |          |        | Boats. |      |        | Gill Nets.                |       | Seines |        | Pound Nets. |       |        |
|                                | No.                                 | Tonnage. | Value. | Men.   | No   | Value. | Men.                      | No.   | Rods.  | Value. | No.         | Rods. | Value. |
| <i>Lake Superior Division.</i> |                                     |          |        |        |      |        |                           |       |        |        |             |       |        |
|                                |                                     | \$       |        | \$     |      |        |                           |       | \$     | \$     |             | \$    |        |
| Thunder Bay.....               |                                     |          |        | 5      | 565  | 15     |                           | 12500 | 1125   |        |             |       |        |
| Welcome Islands.....           |                                     |          |        | 3      | 250  | 6      |                           | 2900  | 261    |        |             |       |        |
| Point Porphyry.....            |                                     |          |        | 3      | 300  | 9      |                           | 5000  | 450    |        |             |       |        |
| Roche Debout.....              |                                     |          |        | 5      | 600  | 26     |                           | 9000  | 180    |        |             |       |        |
| Princess Bay.....              |                                     |          |        |        |      |        |                           |       |        |        | 1           | 400   |        |
| Victoria and Spar Islands      |                                     |          |        | 3      | 325  | 9      |                           | 5000  | 450    |        |             |       |        |
| St. Ignace Island.....         |                                     |          |        | 5      | 600  | 34     |                           | 2500  | 225    |        |             |       |        |
| Salter's Island.....           |                                     |          |        | 3      | 275  | 8      |                           | 3300  | 292    |        |             |       |        |
| Copper Island.....             |                                     |          |        | 2      | 125  | 5      |                           | 1400  | 128    |        |             |       |        |
| Black and Nepigon Islds.       | *1                                  | 1000     |        | 3      | 310  | 6      |                           | 7400  | 668    |        |             |       |        |
| Michipicoton Bay and Isld      |                                     |          |        | 5      | 1125 | 10     | 36                        | 2800  | 423    |        |             |       |        |
| Gros Cap and Parisienne        |                                     |          |        |        |      |        |                           |       |        |        |             |       |        |
| Island.....                    |                                     |          |        | 6      | 350  | 12     | 28                        | 1800  | 300    |        |             |       |        |
| Lizard Island.....             |                                     |          |        | 10     | 2000 | 20     | 250                       | 16000 | 4000   |        |             |       |        |
| Mamainse.....                  |                                     |          |        | 2      | 600  | 4      | 125                       | 1450  | 495    |        |             |       |        |
| Totals.....                    | 1                                   | 1000     | 3      | 57     | 7525 | 164    | 439                       | 70850 | 8993   |        | 1           | 400   |        |
| <i>Manitoulin Division.</i>    |                                     |          |        |        |      |        |                           |       |        |        |             |       |        |
| Grand Sable.....               |                                     |          |        | 26     | 1700 | 52     | 250                       | 17000 | 3000   |        | 12          | 5200  |        |
| Grand Batture.....             | *3                                  | 11000    | 9      | 40     | 4005 | 92     | 22                        | 22920 | 2400   |        | 15          | 5700  |        |
| Algoma Mills.....              | 1                                   | 1000     | 3      | 2      | 400  | 8      |                           |       |        |        | 7           | 2400  |        |
| Cockburn Island.....           | *3                                  | 74       | 16000  | 16     | 20   | 3000   | 55                        | 800   | 29000  | 10000  | 15          | 7500  |        |
| Green do.....                  |                                     |          |        | 1      | 50   | 4      |                           |       |        |        | 4           | 1800  |        |
| Duck do.....                   | 3                                   | 70       | 11000  | 20     | 35   | 4500   | 75                        | 1300  | 46000  | 13000  | 10          | 600   |        |
| Clapperton do.....             |                                     |          |        | 2      | 300  | 4      |                           |       |        |        | 2           | 860   |        |
| South Bay Manitoulin....       | 1                                   | 50       | 7500   | 40     | 8    | 2000   | 16                        | 1280  | 45000  | 18000  | 5           | 350   |        |
| Kagawong.....                  |                                     |          |        | 2      | 245  | 5      | 18                        | 1144  | 275    |        |             | 250   |        |
| Tebay Bay.....                 |                                     |          |        |        |      |        |                           |       |        |        | 1           | 70    |        |
| Squaw Island.....              | 2                                   | 7000     | 7      | 69     | 3725 | 134    |                           | 3360  | 1200   |        | 9           | 4600  |        |
| For home consumption...        |                                     |          |        |        |      |        |                           |       |        |        |             |       |        |
| Totals.....                    | 13                                  | 194      | 53500  | 45     | 205  | 19925  | 445                       | 3870  | 164424 | 47875  | 80          | 2290  | 36200  |

\*Tugs.

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the Yield and Value of Fish, in the Province of Ontario, for the Year 1884.

| VALUE, &c. |        | KINDS, QUANTITIES AND PRICES OF FISH. |                 |                 |             |                   |                  |            |                 |            |                | VALUE.            |                                       |  |    |         |    |
|------------|--------|---------------------------------------|-----------------|-----------------|-------------|-------------------|------------------|------------|-----------------|------------|----------------|-------------------|---------------------------------------|--|----|---------|----|
| No.        | Value. | Whitefish, barrels.                   | Whitefish, lbs. | Trout, barrels. | Trout, lbs. | Herring, barrels. | Maskinonge, lbs. | Bass, lbs. | Pickereel, lbs. | Pike, lbs. | Sturgeon, lbs. | Coarse fish, lbs. | Fish used for local consumption, lbs. |  | \$ | cts.    |    |
|            |        |                                       |                 |                 |             |                   |                  |            |                 |            |                |                   |                                       |  |    |         |    |
|            |        |                                       | 178000          |                 | 35300       |                   |                  |            |                 |            |                |                   |                                       |  |    | 17,064  | 00 |
|            |        | 77                                    | 33000           | 125             | 51000       |                   |                  |            |                 |            |                |                   |                                       |  |    | 8,740   | 00 |
|            |        | 100                                   | 15800           | 260             | 30000       |                   |                  |            |                 |            |                |                   |                                       |  |    | 7,264   | 00 |
|            |        | 40                                    |                 | 150             |             |                   |                  |            |                 |            |                |                   |                                       |  |    | 1,900   | 00 |
|            |        |                                       |                 |                 |             |                   |                  |            | 10000           |            | 400            |                   |                                       |  |    | 620     | 00 |
|            |        |                                       | 73000           |                 | 34000       |                   |                  |            |                 |            |                |                   |                                       |  |    | 8,560   | 00 |
|            |        | 30                                    |                 | 190             |             |                   |                  |            |                 |            |                |                   |                                       |  |    | 2,200   | 00 |
|            |        | 136                                   |                 | 490             | 4000        |                   |                  |            |                 |            |                |                   |                                       |  |    | 6,580   | 00 |
|            |        | 42                                    |                 | 135             | 30000       |                   |                  |            |                 |            |                |                   |                                       |  |    | 4,170   | 00 |
|            |        | 88                                    | 1000            | 340             | 6000        | 10                |                  |            | 800             |            |                |                   |                                       |  |    | 4,938   | 00 |
|            |        | 270                                   | 350             | 230             | 200         |                   |                  |            |                 |            |                |                   |                                       |  |    | 5,044   | 00 |
|            |        |                                       |                 |                 |             |                   |                  |            |                 |            |                |                   |                                       |  |    |         |    |
|            |        | 160                                   | 20000           | 10              | 10000       |                   |                  |            |                 |            |                |                   |                                       |  |    | 4,100   | 00 |
|            |        | 125                                   | 15000           | 150             | 15000       |                   |                  |            |                 |            |                |                   |                                       |  |    | 5,150   | 00 |
|            |        | 76                                    |                 | 70              |             |                   |                  |            |                 |            |                |                   |                                       |  |    | 1,460   | 00 |
|            |        |                                       |                 |                 |             |                   |                  |            |                 |            |                |                   |                                       |  |    |         |    |
|            |        | 1144                                  | 336150          | 2150            | 215500      | 10                |                  |            | 10800           |            | 400            |                   |                                       |  |    | 77,790  | 00 |
|            |        |                                       |                 |                 |             |                   |                  |            |                 |            |                |                   |                                       |  |    |         |    |
|            |        |                                       | 40000           |                 | 20000       |                   |                  |            |                 |            |                |                   |                                       |  |    | 4,800   | 00 |
|            |        |                                       | 43000           |                 | 159000      |                   |                  |            | 84550           |            | 70000          |                   |                                       |  |    | 24,733  | 00 |
|            |        |                                       | 18135           |                 | 3211        |                   |                  |            | 71312           |            | 63165          |                   |                                       |  |    | 9,144   | 65 |
|            |        |                                       | 279247          |                 | 295663      |                   |                  |            | 50157           |            | 14000          |                   |                                       |  |    | 49,702  | 22 |
|            |        |                                       | 20000           |                 | 20000       |                   |                  |            |                 |            |                |                   | 150000                                |  |    | 3,200   | 00 |
|            |        |                                       | 200000          |                 | 600000      |                   |                  |            | 50000           |            | 70000          |                   |                                       |  |    | 70,500  | 00 |
|            |        |                                       | 10000           |                 | 10000       |                   |                  |            | 28000           |            |                |                   |                                       |  |    | 3,280   | 00 |
|            |        |                                       | 100000          |                 | 470000      |                   |                  |            | 70000           |            |                |                   |                                       |  |    | 49,800  | 00 |
|            |        |                                       | 50              | 7272            | 62          |                   |                  |            |                 |            |                |                   |                                       |  |    | 1,701   | 76 |
|            |        |                                       | 100000          |                 | 6000        |                   |                  |            |                 |            |                |                   |                                       |  |    | 1,280   | 00 |
|            |        |                                       | 200             | 37308           | 250         | 354320            |                  |            | 168085          |            | 17494          |                   |                                       |  |    | 73,910  | 04 |
|            |        |                                       |                 |                 |             |                   |                  |            |                 |            |                |                   |                                       |  |    | 4,500   | 00 |
|            |        |                                       |                 |                 |             |                   |                  |            |                 |            |                |                   |                                       |  |    |         |    |
|            |        | 250                                   | 1103962         | 312             | 1938194     |                   |                  |            | 522104          |            | 231659         |                   | 150000                                |  |    | 296,551 | 67 |

RETURN of the Number and Value of Vessels,

| STATION.  | VESSELS AND BOATS EMPLOYED FISHING. |          |        |        |     |        | NETS, THEIR NUMBER, SIZE, VALUE, &c. |      |       |         |     |       |             |     |       |        |
|---|-------------------------------------|----------|--------|--------|-----|--------|--------------------------------------|------|-------|---------|-----|-------|-------------|-----|-------|--------|
|   | Vessels.                            |          |        | Boats. |     |        | Gill Nets.                           |      |       | Seines. |     |       | Pound Nets. |     |       |        |
|   | No.                                 | Tonnage. | Value. | Men.   | No. | Value. | Men.                                 | No.  | Rods. | Value.  | No. | Rods. | Value.      | No. | Rods. | Value. |
| <i>Georgian Bay Division</i>  |                                     |          |        |        |     |        |                                      |      |       |         |     |       |             |     |       |        |
| From Collins' Inlet to Victoria Harbour .....                                       |                                     |          |        |        | 19  | 1297   | 43                                   | 213  | 10715 | 3505    |     |       |             |     |       |        |
| From Victoria Harbour to Allanwood, including Christian, Beckwith and other Islands |                                     |          |        |        | 68  | 2918   | 165                                  | 638  | 14380 | 5011    |     |       |             |     |       |        |
| Meaford .....   | *5                                  | 121      | 12200  | 17     | 8   | 1110   | 19                                   | 399  | 2825  | 7675    |     |       |             |     |       |        |
| Cape Rich .....   |                                     |          |        |        | 3   | 255    | 6                                    | 35   | 315   | 875     |     |       |             |     |       |        |
| Vail's Point .....  |                                     |          |        |        | 5   | 410    | 10                                   | 80   | 720   | 2000    |     |       |             |     |       |        |
| Owen Sound .....  |                                     |          |        |        | 6   | 490    | 12                                   | 65   | 585   | 1625    |     |       |             |     |       |        |
| Wiarion .....   | *1                                  | 40       | 5000   | 6      | 9   | 755    | 18                                   | 80   | 730   | 1950    |     |       |             | 6   | 108   | 300    |
| Barrow Bay .....  | 1                                   | 10       | 800    |        |     |        |                                      |      |       |         |     |       |             | 1   | 20    | 500    |
| Inland waters of Parry Sound District .....   |                                     |          |        |        |     |        |                                      | 13   | 82    | 113     |     |       |             |     |       |        |
| Totals .....  | 7                                   | 171      | 18000  | 23     | 118 | 7235   | 273                                  | 1433 | 30352 | 22754   |     |       |             | 7   | 128   | 800    |
| <i>Lake Huron Division.</i>   |                                     |          |        |        |     |        |                                      |      |       |         |     |       |             |     |       |        |
| Saugeen River .....   |                                     |          |        |        |     |        |                                      |      |       |         |     |       |             |     |       |        |
| Kincardine .....  |                                     |          |        |        | 4   | 880    | 12                                   | 200  |       | 2550    |     |       |             |     |       |        |
| Saugeen .....   |                                     |          |        |        | 11  | 2275   | 33                                   | 500  |       | 6200    |     |       |             |     |       |        |
| Sable Beach .....   |                                     |          |        |        |     |        |                                      |      |       |         | 7   |       | 900         |     |       |        |
| Burk and other Islands .....  |                                     |          |        |        | 3   | 525    | 9                                    | 140  |       | 1450    | 1   |       | 200         |     |       |        |
| Goderich .....  |                                     |          |        |        | 9   | 1625   | 27                                   | 725  | 14964 | 6300    |     |       |             |     |       |        |
| Bayfield .....  |                                     |          |        |        | 3   | 550    | 9                                    | 225  | 4910  | 2150    |     |       |             |     |       |        |
| Bosanquet .....   |                                     |          |        |        | 7   | 335    | 28                                   | 7    | 455   | 1160    |     |       |             |     |       |        |
| Lake View .....   |                                     |          |        |        |     |        | 130                                  | 270  | 2800  | 1660    |     |       |             |     |       |        |
| Plympton .....  |                                     |          |        |        | 7   | 440    | 18                                   |      |       |         |     |       |             | 5   | 290   | 2150   |
| Lake Shore .....  |                                     |          |        |        | 11  | 205    | 38                                   |      |       |         | 9   | 594   | 1130        |     |       |        |
| Military Reserve .....  |                                     |          |        |        | 1   | 25     | 6                                    |      |       |         | 1   | 60    | 100         |     |       |        |
| Point Edward .....  |                                     |          |        |        | 3   | 100    | 10                                   |      |       |         | 4   | 48    | 200         |     |       |        |
| Sarnia Bay .....  |                                     |          |        |        | 2   | 25     | 6                                    |      |       |         | 2   | 28    | 125         |     |       |        |
| Indian Reserve .....  |                                     |          |        |        | 7   | 105    | 27                                   |      |       |         | 7   | 83    | 265         |     |       |        |
| Moore .....   |                                     |          |        |        | 8   | 103    | 35                                   |      |       |         | 7   | 114   | 345         |     |       |        |
| Sombra .....  |                                     |          |        |        | 3   | 50     | 10                                   |      |       |         | 3   | 62    | 190         |     |       |        |
| Totals .....  |                                     |          |        |        | 79  | 7243   | 398                                  | 2067 | 23129 | 21470   | 41  | 989   | 9455        | 5   | 290   | 2150   |

\* Tugs.

Boats, Nets, &c.—Ontario—Continued.

|       |            | KINDS, QUANTITIES AND PRICES OF FISH. |                  |                 |              |             |                |            |                  |            |                |            | TOTAL VALUE    |                   |                                  |         |       |
|-------|------------|---------------------------------------|------------------|-----------------|--------------|-------------|----------------|------------|------------------|------------|----------------|------------|----------------|-------------------|----------------------------------|---------|-------|
| / No. | Hoop Nets. | Value.                                | Whitefish, brls. | Whitefish, lbs. | Trout, brls. | Trout, lbs. | Herring, brls. | Eels, lbs. | Maskinonge, lbs. | Bass, lbs. | Pickarel, lbs. | Pike, lbs. | Sturgeon, lbs. | Coarse Fish, lbs. | Fish used for local consumption. |         |       |
|       |            |                                       |                  |                 |              |             |                |            |                  |            |                |            |                |                   |                                  | \$      | cts.  |
| 18    | 200        | 442                                   | 42500            | ....            | ....         | 59500       | 112            | .....      | .....            | .....      | 9700           | 23320      | 2000           | 19700             | .....                            | 15,579  | 00    |
| ..... | .....      | .....                                 | 172              | 160482          | .....        | 91800       | 228            | .....      | .....            | .....      | .....          | .....      | .....          | .....             | .....                            | 23,042  | 56    |
| ..... | .....      | .....                                 | 42               | 29200           | 428          | 371000      | .....          | .....      | .....            | .....      | .....          | .....      | .....          | 1280              | 1200                             | 36,790  | 40    |
| ..... | .....      | .....                                 | .....            | 25              | .....        | 100000      | .....          | .....      | .....            | .....      | .....          | .....      | .....          | .....             | .....                            | 8,250   | 00    |
| ..... | .....      | .....                                 | .....            | 58              | .....        | 66000       | .....          | .....      | .....            | .....      | .....          | .....      | .....          | .....             | .....                            | 6,340   | 00    |
| ..... | .....      | .....                                 | 14               | 3000            | 277          | 68000       | 40             | .....      | .....            | .....      | .....          | .....      | .....          | .....             | 5000                             | 8,940   | 00    |
| ..... | .....      | .....                                 | 14               | 109000          | 150          | 613000      | 50             | .....      | .....            | 60000      | .....          | .....      | 200            | 500               | 1600                             | 63,323  | 00    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | 15000       | 7              | .....      | .....            | 3000       | .....          | .....      | 150            | .....             | .....                            | 1,422   | 50    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | 2220        | 12             | .....      | .....            | 200        | 1200           | .....      | .....          | 6000              | .....                            | 501     | 60    |
| 18    | 200        | 684                                   | 350182           | 938             | .....        | 1386520     | 449            | .....      | .....            | 200        | 73900          | 23320      | 2350           | 27490             | 7890                             | 164,189 | 06    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | 80000       | .....          | .....      | .....            | .....      | .....          | .....      | .....          | .....             | .....                            | 6,400   | 00    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | 43000       | 165            | .....      | .....            | .....      | .....          | .....      | .....          | .....             | .....                            | 9,225   | 00    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | 130000      | .....          | .....      | .....            | .....      | .....          | .....      | .....          | .....             | .....                            | 23,840  | 00    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | .....       | 250            | .....      | .....            | .....      | .....          | .....      | .....          | .....             | .....                            | 1,250   | 00    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | .....       | 184            | .....      | .....            | .....      | .....          | .....      | .....          | .....             | .....                            | 920     | 00    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | .....       | .....          | .....      | .....            | .....      | .....          | .....      | .....          | 155000            | .....                            | 40,410  | 00    |
| ..... | .....      | .....                                 | 293000           | .....           | .....        | 154000      | .....          | .....      | .....            | .....      | .....          | .....      | .....          | .....             | 63000                            | 14,455  | 00    |
| ..... | .....      | .....                                 | 101000           | .....           | .....        | 54000       | 33             | .....      | .....            | .....      | .....          | .....      | .....          | .....             | .....                            | 19,074  | 00    |
| ..... | .....      | .....                                 | 115000           | .....           | .....        | .....       | 164            | .....      | .....            | 7600       | 27800          | .....      | 18000          | .....             | 201000                           | 4,950   | 00    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | 5000        | 400            | .....      | .....            | .....      | .....          | .....      | .....          | .....             | 85000                            | 4,286   | 10    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | 800         | 180            | .....      | .....            | .....      | 5200           | .....      | 59322          | .....             | .....                            | 9,359   | 00    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | 3600        | 1088           | .....      | .....            | .....      | 34400          | .....      | 31500          | .....             | .....                            | 450     | 00    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | .....       | 90             | .....      | .....            | .....      | .....          | .....      | .....          | .....             | .....                            | 13,524  | 80    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | .....       | 1705           | .....      | .....            | .....      | 63330          | .....      | 24000          | .....             | .....                            | 1,707   | 00    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | .....       | 322            | .....      | .....            | .....      | 1200           | 500        | .....          | .....             | .....                            | 4,900   | 50    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | .....       | 770            | .....      | .....            | .....      | 16500          | .....      | 1210           | .....             | .....                            | 4,245   | 00    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | .....       | 849            | .....      | .....            | .....      | 50000          | .....      | 1000           | .....             | .....                            | 5,010   | 00    |
| ..... | .....      | .....                                 | .....            | .....           | .....        | .....       | 392            | .....      | .....            | .....      | .....          | .....      | .....          | .....             | .....                            | .....   | ..... |
| ..... | .....      | .....                                 | 701760           | .....           | .....        | 508100      | 6592           | .....      | .....            | 7600       | 198430         | 500        | 135032         | .....             | 504000                           | 164,006 | 40    |



RETURN of the Number and Value of Vessels,

| STATION.   | VESSELS AND BOATS EMPLOYED FISHING. |          |        |        |     |        | NETS, THEIR NUMBER, SIZE, VALUE, &c. |     |       |         |     |       |             |     |       |        |
|--|-------------------------------------|----------|--------|--------|-----|--------|--------------------------------------|-----|-------|---------|-----|-------|-------------|-----|-------|--------|
|  | Vessels.                            |          |        | Boats. |     |        | Gill Nets.                           |     |       | Seines. |     |       | Pound Nets. |     |       |        |
|  | No.                                 | Tonnage. | Value. | Men.   | No. | Value. | Men.                                 | No. | Rods. | Value.  | No. | Rods. | Value.      | No. | Rods. | Value. |
| <i>Lake St. Clair and Thames River Division.</i>                                       |                                     |          |        |        |     |        |                                      |     |       |         |     |       |             |     |       |        |
| Mitchell's Bay.....  |                                     |          |        |        | 11  | 155    | 24                                   |     |       |         | 6   | 311   | 623         |     |       |        |
| Sydenham River.....  |                                     |          |        |        | 1   | 25     | 3                                    |     |       |         | 1   | 10    | 15          |     |       |        |
| Thames River.....  |                                     |          |        |        | 25  | 344    | 180                                  |     |       |         | 29  | 347   | 1470        |     |       |        |
| Stony Point.....   |                                     |          |        |        | 7   | 355    | 28                                   |     |       |         | 7   | 4400  | 1165        |     |       |        |
| Totals.....  |                                     |          |        |        | 44  | 779    | 235                                  |     |       |         | 43  | 5068  | 3273        |     |       |        |
| <i>Detroit River Division.</i>   |                                     |          |        |        |     |        |                                      |     |       |         |     |       |             |     |       |        |
| Detroit River.....   | 1                                   | 7        | 1000   | 3      | 30  | 1490   | 135                                  |     |       |         | 31  | 4726  | 3435        | 5   | 260   | 800    |
| <i>Lake Erie Division.</i>   |                                     |          |        |        |     |        |                                      |     |       |         |     |       |             |     |       |        |
| Point Pelée (Mainland).....  |                                     |          |        |        | 35  | 2525   | 66                                   |     |       |         |     |       |             | 36  | 2300  | 8945   |
| do (Island).....   |                                     |          |        |        | 9   | 785    | 18                                   |     |       |         |     |       |             | 20  |       | 2700   |
| Romney to Oxford.....  |                                     |          |        |        | 19  | 1185   | 30                                   |     |       |         | 2   | 135   | 135         | 15  |       | 3680   |
| Eagle Village.....   |                                     |          |        |        | 1   | 200    | 2                                    |     |       |         |     |       |             | 4   | 320   | 1200   |
| Tyrconnel.....   |                                     |          |        |        | 2   | 200    | 4                                    |     |       |         |     |       |             | 3   | 240   | 850    |
| Port Talbot.....   |                                     |          |        |        | 1   | 10     | 2                                    |     |       |         | 1   | 12    | 30          |     |       |        |
| Port Stanley.....  | 2                                   |          | 2500   | 4      | 1   | 10     | 2                                    |     |       |         | 2   | 20    | 40          | 14  | 1120  | 3800   |
| Port Bruce.....  | 1                                   |          | 700    | 2      | 2   | 20     | 4                                    |     |       |         | 2   | 60    | 100         | 2   | 160   | 600    |
| Port Burwell.....  |                                     |          |        |        | 2   | 60     | 4                                    |     |       |         | 1   | 12    | 20          | 1   | 80    | 300    |
| Long Point and Outer Bay.....  |                                     |          |        |        | 9   | 830    | 12                                   |     |       |         |     |       |             | 5   | 400   | 1650   |
| Houghton to Rainham, including Turkey Point, Normandale, Port Dover and Nanticoke..... |                                     |          |        |        | 63  | 2680   | 135                                  | 33  | 1559  | 405     | 31  | 650   | 2963        | 12  | 870   | 5510   |
| Cayuga and Moulton Bay, including Grand River.....                                     |                                     |          |        |        | 6   | 95     | 18                                   |     |       |         | 6   | 101   | 320         |     |       |        |
| Totals.....  | 3                                   |          | 3200   | 6      | 150 | 8600   | 297                                  | 33  | 1559  | 405     | 45  | 990   | 3408        | 112 | 5490  | 29215  |

Boats, Nets, &c.—Ontario—Continued.

| KINDS, QUANTITIES AND PRICES OF FISH. |     |        |                 |                 |              |             |                |            |                  |            |                 |            | TOTAL<br>VALUE. |                |                   |                                     |    |
|---------------------------------------|-----|--------|-----------------|-----------------|--------------|-------------|----------------|------------|------------------|------------|-----------------|------------|-----------------|----------------|-------------------|-------------------------------------|----|
| Hoop<br>Nets.                         | No. | Value. | Whitefish, brls | Whitefish, lbs. | Trout, brls. | Trout, lbs. | Herring, brls. | Eels, lbs. | Maskinonge, lbs. | Bass, lbs. | Pickereel, lbs. | Pike, lbs. |                 | Sturgeon, lbs. | Coarse Fish, lbs. | Fish used for local<br>consumption. | \$ |
|                                       |     |        |                 |                 |              |             |                |            |                  | 54400      |                 | 17600      |                 | 40200          | 16200             | 5,896                               | 00 |
|                                       |     |        |                 |                 |              |             |                |            |                  |            | 3200            |            |                 | 40000          |                   | 1,392                               | 00 |
|                                       |     |        |                 | 33800           |              | 70400       | 725            |            |                  | 4800       | 131400          | 7760       | 200             | 155200         | 73000             | 27,377                              | 00 |
|                                       |     |        |                 |                 |              |             |                |            | 235              | 260        | 1800            | 130        | 120             | 2100           |                   | 213                                 | 20 |
|                                       |     |        |                 | 33800           |              | 70400       | 725            |            | 235              | 60460      | 136400          | 25490      | 320             | 237500         | 89200             | 34,878                              | 20 |
| 3                                     | 50  |        |                 | 71950           |              |             | 1200           |            | 450              | 570        | 8800            | 7850       | 47000           | 149600         | 15000             | 20,025                              | 70 |
|                                       |     |        |                 |                 |              |             |                |            |                  | 29000      | 30000           |            | 47800           | 7400           |                   | 54,209                              | 36 |
|                                       |     |        |                 |                 |              |             | 9118           |            |                  |            | 22483           |            | 166600          | 9800           |                   | 16,787                              | 88 |
|                                       |     |        |                 | 30842           |              |             | 634            |            |                  | 5200       | 41800           |            | 30700           |                |                   | 12,654                              | 00 |
|                                       |     |        |                 | 45561           |              |             | 1295           |            |                  |            |                 |            |                 | 75000          |                   | 3,850                               | 00 |
|                                       |     |        |                 | 22800           |              |             |                |            |                  |            |                 |            |                 | 40000          |                   | 2,496                               | 00 |
|                                       |     |        |                 | 20000           |              |             |                |            |                  |            |                 |            |                 | 4000           |                   | 120                                 | 00 |
|                                       |     |        |                 | 16200           |              |             |                |            |                  |            |                 |            |                 | 392400         |                   | 16,172                              | 00 |
|                                       |     |        |                 | 55000           |              |             |                |            |                  |            |                 |            |                 | 48000          |                   | 1,856                               | 00 |
|                                       |     |        |                 | 5200            |              |             |                |            |                  |            |                 |            |                 | 23000          |                   | 930                                 | 00 |
|                                       |     |        |                 | 3000            |              |             |                |            |                  |            |                 |            |                 |                |                   |                                     |    |
|                                       |     |        |                 |                 |              |             | 240            |            |                  | 9480       | 11264           |            | 24395           | 10250          |                   | 3,971                               | 89 |
| 6                                     | 78  |        |                 | 29200           |              |             | 2450           |            |                  | 3430       | 58650           | 1480       | 45325           | 31800          |                   | 21,605                              | 05 |
|                                       |     |        |                 |                 |              | 500         | 18             |            | 2900             | 7150       | 10400           | 11800      | 1200            | 11350          | 30000             | 3,237                               | 50 |
| 6                                     | 78  |        |                 | 227803          |              | 500         | 13755          |            | 2900             | 54260      | 174597          | 13280      | 316020          | 653000         | 30000             | 137,899                             | 66 |

RETURN of the Number and Value of Vessels,

| STATION.  | VESSELS AND BOATS EMPLOYED FISHING. |          |        |        |      |        | NETS, THEIR NUMBER, SIZE, VALUE, &C. |     |       |         |     |       |             |     |       |        |
|---|-------------------------------------|----------|--------|--------|------|--------|--------------------------------------|-----|-------|---------|-----|-------|-------------|-----|-------|--------|
|   | Vessels.                            |          |        | Boats. |      |        | Gill Nets.                           |     |       | Seines. |     |       | Pound Nets. |     |       |        |
|   | No.                                 | Tonnage. | Value. | Men.   | No.  | Value. | Men.                                 | No. | Rods. | Value.  | No. | Rods. | Value.      | No. | Rods. | Value. |
|   |                                     | \$       |        |        | \$   |        |                                      |     |       | \$      |     |       | \$          |     |       | \$     |
| <i>Niagara River and Lake Ontario Division.</i>         |                                     |          |        |        |      |        |                                      |     |       |         |     |       |             |     |       |        |
| Port Colborne .....                                     |                                     |          |        | 3      | 100  | 10     |                                      | 3   | 250   | 60      | 2   | 80    | 160         |     |       |        |
| Point Abino .....                                       |                                     |          |        | 1      | 30   | 3      |                                      |     |       |         | 1   | 40    | 30          |     |       |        |
| Ridgeway .....  |                                     |          |        | 1      | 40   | 2      |                                      | 2   | 500   | 125     |     |       |             |     |       |        |
| Bertie .....  |                                     |          |        | 3      | 90   | 7      |                                      |     |       |         | 3   | 120   | 240         |     |       |        |
| Fort Erie .....   |                                     |          |        | 16     | 610  | 18     |                                      |     |       |         | 2   | 80    | 460         |     |       |        |
| Queenston .....   |                                     |          |        | 6      | 125  | 13     |                                      |     |       |         | 2   | 50    | 585         |     |       |        |
| Niagara .....   |                                     |          |        | 4      | 105  | 5      |                                      | 7   | 1580  | 430     |     |       |             |     |       |        |
| One Mile Pond.....                                      |                                     |          |        | 4      | 180  | 13     |                                      | 2   | 500   | 130     | 5   | 270   | 530         |     |       |        |
| Two Mile Pond.....                                      |                                     |          |        | 2      | 105  | 6      |                                      | 6   | 1000  | 250     | 1   | 50    | 101         |     |       |        |
| Four Mile Pond.....                                     |                                     |          |        | 6      | 195  | 17     |                                      | 9   | 1720  | 485     | 3   | 150   | 345         |     |       |        |
| Grantham .....  |                                     |          |        | 1      | 15   | 2      |                                      | 1   | 100   | 30      |     |       |             |     |       |        |
| Port Dalhousie.....                                     |                                     |          |        | 1      | 50   | 2      |                                      | 1   | 300   | 75      | 1   | 60    | 120         |     |       |        |
| Sixteen Mile Pond.....                                  |                                     |          |        | 1      | 30   | 2      |                                      | 1   | 40    | 24      |     |       |             |     |       |        |
| Twenty Mile Pond.....                                   |                                     |          |        | 2      | 75   | 3      |                                      |     |       |         | 1   | 40    | 120         |     |       |        |
| Clinton .....   |                                     |          |        | 5      | 95   | 8      |                                      | 6   | 420   | 120     |     |       |             |     |       |        |
| Thirty Mile Creek.....                                  |                                     |          |        | 1      | 15   | 2      |                                      | 1   | 60    | 20      | 1   | 30    | 50          |     |       |        |
| Grimsbv.....  |                                     |          |        | 1      | 50   | 2      |                                      | 2   | 400   | 110     |     |       |             |     |       |        |
| Winona .....  |                                     |          |        | 2      | 120  | 4      |                                      | 2   | 1000  | 275     |     |       |             |     |       |        |
| Burlington Bay and Beach .....                          |                                     |          |        | 18     | 950  | 27     |                                      | 26  | 4330  | 1185    | 2   | 220   | 200         |     |       |        |
| Twelve and Sixteen Mile Creeks .....                    |                                     |          |        |        |      |        |                                      |     |       |         |     |       |             |     |       |        |
| River Credit.....                                       |                                     |          |        |        |      |        |                                      |     |       |         |     |       |             |     |       |        |
| Bronté .....  |                                     |          |        | 17     | 1460 | 48     |                                      | 27  | 11300 | 2950    |     |       |             |     |       |        |
| Port Credit .....                                       |                                     |          |        | 2      | 30   | 4      |                                      |     |       |         | 1   | 30    | 80          |     |       |        |
| Toronto .....   |                                     |          |        | 4      | 240  | 6      |                                      | 2   | 200   | 500     | 3   | 150   | 230         |     |       |        |
| The Humber .....  |                                     |          |        | 3      | 145  | 5      |                                      | 3   | 240   | 140     | 1   | 40    | 100         | 1   | 80    | 220    |
| Port Union .....  |                                     |          |        | 2      | 40   | 4      |                                      | 4   | 330   | 130     |     |       |             |     |       |        |
| Frenchman's Bay .....                                   |                                     |          |        | 2      | 40   | 8      |                                      |     |       |         | 2   | 80    | 160         |     |       |        |
| Whitby .....  |                                     |          |        | 3      | 50   | 3      |                                      | 4   | 238   | 100     |     |       |             |     |       |        |
| Bowmanville.....  |                                     |          |        |        |      |        |                                      |     |       |         |     |       |             |     |       |        |
| Port Hope.....  |                                     |          |        |        |      |        |                                      |     |       |         |     |       |             |     |       |        |
| Colbourg.....   |                                     |          |        | 29     | 1710 | 62     |                                      | 18  | 11400 | 2052    | 6   | 140   | 310         | 1   |       | 50     |
| Colborne .....  |                                     |          |        |        |      |        |                                      |     |       |         |     |       |             |     |       |        |
| Brighton .....  |                                     |          |        |        |      |        |                                      |     |       |         |     |       |             |     |       |        |
| Trent River, including Rice Lake (angling permits)..... |                                     |          |        |        |      |        |                                      |     |       |         |     |       |             |     |       |        |
| Totals .....  |                                     |          |        | 140    | 6635 | 286    |                                      | 127 | 35908 | 9191    | 37  | 1630  | 3824        | 2   | 80    | 270    |

Boats, Nets, &c.—Ontario—Continued.

| KINDS, QUANTITIES AND PRICES OF FISH. |            |        |                  |                 |              |             |                |            |                  |            |                 |            |                |                   |                                  |              |       |
|---------------------------------------|------------|--------|------------------|-----------------|--------------|-------------|----------------|------------|------------------|------------|-----------------|------------|----------------|-------------------|----------------------------------|--------------|-------|
| No.                                   | Hoop Nets. | Value. | Whitefish, brls. | Whitefish, lbs. | Trout, brls. | Trout, lbs. | Herring, brls. | Eels, lbs. | Maskinonge, lbs. | Bass, lbs. | Fickereel, lbs. | Pike, lbs. | Sturgeon, lbs. | Coarse Fish, lbs. | Fish used for local consumption. | TOTAL VALUE. |       |
|                                       |            |        |                  |                 |              |             |                |            |                  |            |                 |            |                |                   |                                  | \$           | cts.  |
| .....                                 | .....      | .....  | .....            | 2000            | .....        | 20          | 40             | .....      | .....            | 1200       | 1600            | .....      | 1800           | 1800              | .....                            | 673          | 60    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | 5              | .....      | .....            | .....      | .....           | .....      | .....          | .....             | .....                            | 25           | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | 20             | .....      | .....            | .....      | 4000            | .....      | .....          | .....             | .....                            | 340          | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | 66             | .....      | .....            | 400        | 8300            | .....      | .....          | 900               | .....                            | 879          | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | 30             | .....      | .....            | .....      | 17500           | .....      | 12000          | 300               | .....                            | 1,809        | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | 245            | .....      | .....            | 400        | 900             | .....      | 3000           | 400               | .....                            | 1,465        | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | 30             | .....      | .....            | 1000       | 5600            | .....      | 16300          | .....             | .....                            | 1,361        | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | 23             | .....      | .....            | 500        | 750             | .....      | .....          | 800               | .....                            | 470          | 00    |
| .....                                 | .....      | .....  | .....            | 3200            | .....        | .....       | 200            | .....      | .....            | .....      | .....           | .....      | 9700           | .....             | .....                            | 1,565        | 00    |
| .....                                 | .....      | .....  | .....            | 1000            | .....        | .....       | 75             | .....      | .....            | .....      | 500             | .....      | 100            | 360               | .....                            | 596          | 80    |
| .....                                 | .....      | .....  | .....            | 2200            | .....        | .....       | .....          | .....      | .....            | .....      | .....           | .....      | .....          | .....             | .....                            | 48           | 00    |
| .....                                 | .....      | .....  | .....            | 600             | .....        | .....       | 16             | 1800       | .....            | 150        | 1600            | 250        | .....          | 1200              | .....                            | 323          | 50    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | 3              | .....      | .....            | .....      | .....           | .....      | .....          | .....             | .....                            | 15           | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | .....          | .....      | .....            | 300        | .....           | 500        | .....          | .....             | .....                            | 55           | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | 50             | .....      | .....            | .....      | .....           | .....      | 100            | 2700              | .....                            | 336          | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | 2              | 200        | .....            | .....      | .....           | .....      | 400            | 2200              | .....                            | 136          | 00    |
| .....                                 | .....      | .....  | .....            | 2400            | .....        | .....       | .....          | .....      | .....            | .....      | .....           | .....      | .....          | .....             | .....                            | 192          | 00    |
| .....                                 | .....      | .....  | .....            | 2400            | .....        | .....       | 200            | .....      | .....            | .....      | .....           | .....      | .....          | 500               | .....                            | 1,207        | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | .....          | .....      | .....            | .....      | .....           | .....      | .....          | .....             | .....                            | .....        | ..... |
| .....                                 | .....      | .....  | .....            | 900             | .....        | .....       | 802            | 2700       | .....            | 8000       | .....           | 13500      | .....          | 10600             | .....                            | 5,690        | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | .....          | .....      | .....            | .....      | .....           | .....      | .....          | .....             | .....                            | .....        | ..... |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | .....          | .....      | .....            | .....      | .....           | .....      | .....          | 45000             | .....                            | 1,350        | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | .....          | .....      | .....            | .....      | .....           | .....      | .....          | 18000             | .....                            | 540          | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | 4961           | .....      | .....            | .....      | .....           | .....      | .....          | .....             | .....                            | 24,805       | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | .....          | .....      | .....            | .....      | .....           | .....      | .....          | 900               | .....                            | 27           | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | 2000        | 60             | .....      | .....            | .....      | .....           | 1500       | .....          | .....             | .....                            | 535          | 00    |
| .....                                 | .....      | .....  | .....            | 200             | .....        | 60          | 43             | .....      | .....            | 600        | .....           | 1775       | .....          | 66610             | .....                            | 2,358        | 85    |
| .....                                 | .....      | .....  | .....            | 900             | .....        | .....       | 1              | .....      | .....            | .....      | .....           | 550        | .....          | .....             | .....                            | 104          | 50    |
| .....                                 | .....      | .....  | .....            | 400             | .....        | .....       | 5              | .....      | .....            | 12         | .....           | 1480       | .....          | 200               | .....                            | 137          | 72    |
| .....                                 | .....      | .....  | .....            | 400             | .....        | .....       | 3              | 800        | .....            | .....      | .....           | 1000       | .....          | 1900              | .....                            | 194          | 00    |
| 29                                    | 290        | .....  | .....            | .....           | .....        | 100000      | .....          | .....      | 100000           | 100000     | .....           | .....      | .....          | 110000            | .....                            | 23,300       | 00    |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | .....          | .....      | .....            | .....      | .....           | .....      | .....          | .....             | .....                            | .....        | ..... |
| .....                                 | .....      | .....  | .....            | .....           | .....        | .....       | .....          | 16000      | 35000            | 45000      | 30000           | 18000      | 1000           | 60000             | .....                            | 9,850        | 00    |
| 29                                    | 290        | .....  | .....            | 16600           | .....        | 102080      | 6880           | 15500      | 135000           | 157562     | 70750           | 38555      | 44400          | 324770            | .....                            | 80,358       | 97    |

RETURN of the Number and Value of Vessels,

| STATION.  | VESSELS AND BOATS EMPLOYED FISHING. |          |        |        |       |        | NETS, THEIR NUMBER, SIZE, |       |       |         |       |       |        |
|---|-------------------------------------|----------|--------|--------|-------|--------|---------------------------|-------|-------|---------|-------|-------|--------|
|   | Vessels.                            |          |        | Boats. |       |        | Gill Nets.                |       |       | Seines. |       |       |        |
|   | No.                                 | Tonnage. | Value. | Men.   | No.   | Value. | Men.                      | No.   | Rods. | Value.  | No.   | Rods. | Value. |
| <i>Prince Edward County and Bay of Quinté Division.</i> |                                     |          |        |        |       |        |                           |       |       |         |       |       |        |
| Weller's Beach to Spencer's Point.....                  | 4                                   | 40       | 2400   | 12     | 8     | 240    | 20                        | ..... | 3000  | 1200    | 8     | 1200  | 1300   |
| Wellington Beach and East and West Lake.....            | .....                               | .....    | .....  | .....  | 7     | 140    | 20                        | ..... | 3000  | 1200    | ..... | ..... | .....  |
| Long Point to Black Creek, including Smith's Bay .....  | .....                               | .....    | .....  | .....  | 14    | 560    | 42                        | ..... | 3500  | 1400    | ..... | ..... | .....  |
| Indian Point and Bay of Quinté. ....                    | .....                               | .....    | .....  | .....  | 20    | 500    | 10                        | ..... | 3000  | 1200    | ..... | ..... | .....  |
| Sophiasburg .....                                       | .....                               | .....    | .....  | .....  | 2     | 120    | 12                        | ..... | ..... | .....   | 2     | 120   | 200    |
| Zwick and Wigger Islands.....                           | .....                               | .....    | .....  | .....  | 5     | 300    | 30                        | ..... | 100   | 125     | 4     | 240   | 600    |
| Point Ann .....   | .....                               | .....    | .....  | .....  | 2     | 120    | 12                        | ..... | ..... | .....   | 2     | 120   | 300    |
| Tyendenaga .....  | .....                               | .....    | .....  | .....  | 6     | 330    | 36                        | ..... | ..... | .....   | 6     | 360   | 650    |
| Belleville .....  | .....                               | .....    | .....  | .....  | ..... | .....  | .....                     | ..... | ..... | .....   | ..... | ..... | .....  |
| Trenton .....   | .....                               | .....    | .....  | .....  | ..... | .....  | .....                     | ..... | ..... | .....   | ..... | ..... | .....  |
| Shannonville .....                                      | .....                               | .....    | .....  | .....  | ..... | .....  | .....                     | ..... | ..... | .....   | ..... | ..... | .....  |
| Mill Point .....  | .....                               | .....    | .....  | .....  | ..... | .....  | .....                     | ..... | ..... | .....   | ..... | ..... | .....  |
| North Port .....  | .....                               | .....    | .....  | .....  | ..... | .....  | .....                     | ..... | ..... | .....   | ..... | ..... | .....  |
| Totals.....   | 4                                   | 40       | 2400   | 12     | 64    | 2310   | 182                       | ..... | 12600 | 5125    | 22    | 2040  | 3050   |
| <i>Lennox, Addington and Frontenac Division.</i>        |                                     |          |        |        |       |        |                           |       |       |         |       |       |        |
| Napanee River and Amherst Island .....                  | .....                               | .....    | .....  | .....  | 21    | 283    | 40                        | 94    | 940   | 325     | 1     | 5     | 20     |
| Inland Waters of Lennox and Addington .....             | .....                               | .....    | .....  | .....  | 18    | 265    | 31                        | 43    | 430   | 215     | ..... | ..... | .....  |
| do Frontenac .....                                      | .....                               | .....    | .....  | .....  | 52    | 628    | 96                        | 55    | 1184  | 616     | ..... | ..... | .....  |
| Totals.....   | .....                               | .....    | .....  | .....  | 91    | 1176   | 167                       | 192   | 2554  | 1156    | 1     | 5     | 20     |
| <i>Wolfe Island and Kingston Division.</i>              |                                     |          |        |        |       |        |                           |       |       |         |       |       |        |
| Pigeon Island and Batteau Channel .....                 | .....                               | .....    | .....  | .....  | 4     | 205    | 12                        | 105   | 1050  | 420     | ..... | ..... | .....  |
| Garden Island .....                                     | .....                               | .....    | .....  | .....  | 1     | 36     | 2                         | ..... | ..... | .....   | ..... | ..... | .....  |
| Barrett and Reed's Bay .....                            | .....                               | .....    | .....  | .....  | 2     | 70     | 4                         | 30    | 300   | 120     | ..... | ..... | .....  |
| Button Bay .....  | .....                               | .....    | .....  | .....  | 3     | 96     | 6                         | 10    | 100   | 40      | ..... | ..... | .....  |
| Big Bay .....   | .....                               | .....    | .....  | .....  | 4     | 185    | 8                         | ..... | ..... | .....   | ..... | ..... | .....  |
| South side of Wolfe Island .....                        | .....                               | .....    | .....  | .....  | 2     | 80     | 4                         | 15    | 150   | 60      | ..... | ..... | .....  |
| Howe Island .....                                       | .....                               | .....    | .....  | .....  | 4     | 50     | 5                         | ..... | ..... | .....   | ..... | ..... | .....  |
| Kingston, Storrington and Pittsburg .....               | .....                               | .....    | .....  | .....  | 10    | 250    | 16                        | 4     | 180   | 22      | ..... | ..... | .....  |
| Totals.....   | .....                               | .....    | .....  | .....  | 30    | 972    | 57                        | 164   | 1780  | 662     | ..... | ..... | .....  |

Boats, Nets, &c.—Ontario—Continued.

| VALUE, &c. |       |        | KINDS, QUANTITIES AND PRICES OF FISH. |     |        |                 |             |                |            |                  |            |                 |            | TOTAL VALUE. |                |                   |                                       |    |
|------------|-------|--------|---------------------------------------|-----|--------|-----------------|-------------|----------------|------------|------------------|------------|-----------------|------------|--------------|----------------|-------------------|---------------------------------------|----|
| No.        | Rods. | Value. | Hoop Nets.                            | No. | Value. | Whitefish, lbs. | Trout, lbs. | Herring, brls. | Eels, lbs. | Maskinonge, lbs. | Bass, lbs. | Pickereel, lbs. | Pike, lbs. |              | Sturgeon, lbs. | Coarse Fish, lbs. | Fish used for local consumption, lbs. | \$ |
|            |       |        |                                       |     |        |                 |             |                |            |                  |            |                 |            |              |                |                   |                                       |    |
|            |       |        |                                       | 13  | 78     | 30000           | 126000      |                |            |                  |            |                 |            |              | 24000          |                   | 13,200                                | 00 |
|            |       |        |                                       | 35  | 210    | 20000           |             |                |            |                  |            |                 |            |              | 20000          |                   | 2,200                                 | 00 |
|            |       |        |                                       | 12  | 72     | 10000           | 125500      |                |            |                  |            |                 |            |              | 40000          | 30000             | 13,740                                | 00 |
|            |       |        |                                       |     |        | 12000           | 14000       |                |            |                  | 5000       | 3800            |            |              | 50000          |                   | 4,096                                 | 00 |
|            |       |        |                                       |     |        | 13000           |             | 80             |            | 4400             | 8300       | 6800            |            |              | 19500          | 13000             | 3,517                                 | 00 |
|            |       |        |                                       |     |        | 27000           |             | 74             |            | 350              | 11300      | 14000           | 7300       |              | 7300           | 16000             | 5,133                                 | 00 |
|            |       |        |                                       |     |        | 13000           |             | 29             |            | 100              | 7000       | 14000           | 11000      | 300          | 26000          |                   | 3,796                                 | 00 |
|            |       |        |                                       |     |        | 34800           |             | 181            |            | 100              | 17760      | 17400           | 18400      |              | 27600          | 30600             | 8,467                                 | 00 |
|            |       |        |                                       |     |        |                 |             |                |            |                  |            |                 |            |              | 140000         |                   | 4,200                                 | 00 |
|            |       |        |                                       |     |        |                 |             |                |            |                  |            |                 |            |              | 50000          |                   | 1,500                                 | 00 |
|            |       |        |                                       |     |        |                 |             |                |            |                  |            |                 |            |              | 40000          |                   | 1,200                                 | 00 |
|            |       |        |                                       |     |        |                 |             |                |            |                  |            |                 |            |              | 18000          |                   | 540                                   | 00 |
|            |       |        |                                       |     |        |                 |             |                |            |                  |            |                 |            |              | 12000          |                   | 360                                   | 00 |
|            |       |        |                                       | *49 | 2450   |                 |             |                |            |                  |            |                 |            |              | 100000         |                   | 3,000                                 | 00 |
|            |       |        |                                       | 109 | 2810   | 159800          | 265500      | 364            |            | 550              | 45400      | 57300           | 43560      | 40300        | 564400         | 59600             | 64,949                                | 00 |
|            |       |        |                                       | 53  | 1175   | 8400            |             |                | 1500       |                  | 2500       | 44650           | 2100       |              | 7000           |                   | 5,781                                 | 00 |
|            |       |        |                                       | 15  | 160    | 400             | 1200        | 13             |            |                  |            | 1000            |            |              | 4800           |                   | 397                                   | 00 |
|            |       |        |                                       | 7   | 98     | 6000            | 27220       | 140            |            |                  | 400        |                 | 2200       |              | 9600           |                   | 3,779                                 | 60 |
|            |       |        |                                       | 75  | 1433   | 14800           | 28420       | 153            | 1500       |                  | 2900       | 45650           | 4300       |              | 84400          |                   | 9,957                                 | 60 |
|            |       |        |                                       |     |        | 400             | 9400        |                |            |                  | 300        | 400             | 400        |              | 1000           |                   | 876                                   | 00 |
|            |       |        |                                       | 5   | 75     |                 |             |                |            |                  |            |                 |            |              | 2000           |                   | 60                                    | 00 |
|            |       |        |                                       | 5   | 75     |                 |             |                |            |                  | 200        | 200             | 300        |              | 2500           |                   | 114                                   | 00 |
|            |       |        |                                       | 10  | 160    |                 |             |                |            |                  | 200        | 300             | 300        | 2300         | 2300           |                   | 229                                   | 00 |
|            |       |        |                                       | 24  | 384    |                 |             |                |            |                  |            |                 |            | 2400         | 7600           |                   | 348                                   | 00 |
|            |       |        |                                       | 3   | 48     |                 |             |                |            |                  | 200        | 1000            | 200        | 200          | 500            |                   | 107                                   | 00 |
|            |       |        |                                       | 23  | 320    |                 |             |                |            |                  |            |                 |            |              | 10000          |                   | 300                                   | 00 |
|            |       |        |                                       | 54  | 270    | 300             | 300         |                | 3300       |                  |            |                 |            |              | 100000         |                   | 3,243                                 | 00 |
|            |       |        |                                       | 124 | 1332   | 700             | 9700        |                | 3300       |                  | 900        | 1900            | 1800       | 4900         | 125900         |                   | 5,277                                 | 00 |

\* These 49 hoop nets were set within Overseer Wilkins' division.

RETURN of the Number and Value of Vessels,

| STATION.   | VESSELS AND BOATS EMPLOYED FISHING. |          |        |        |     |        | NETS, THEIR NUMBER, |     |       |         |     |       |        |
|--|-------------------------------------|----------|--------|--------|-----|--------|---------------------|-----|-------|---------|-----|-------|--------|
|  | Vessels.                            |          |        | Boats. |     |        | Gill Nets.          |     |       | Seines. |     |       |        |
|  | No.                                 | Tonnage. | Value. | Men.   | No. | Value. | Men.                | No. | Rods. | Value.  | No. | Rods. | Value. |
| <i>Rideau Division.</i>  |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
| Rideau Lakes.....  |                                     |          | \$     |        | 26  | 429    | 45                  | 29  | 870   | 83      |     |       |        |
| Lower Rideau.....  |                                     |          |        |        | 2   | 20     | 5                   |     |       |         |     |       |        |
| Smith's Falls.....   |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
| Edmund's Rapids.....   |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
| Kilmarnock.....  |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
| Merrickville.....  |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
| Burritt's Rapids.....  |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
| Long Reach.....  |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
| Totals.....  |                                     |          |        |        | 28  | 449    | 50                  | 29  | 870   | 83      |     |       |        |
| <i>Prescott and Cornwall Division.....</i>   |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
| <i>Carleton and Russell Counties Division.....</i>   |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
|  |                                     |          |        |        |     |        |                     | 100 | 500   | 250     |     |       |        |
| <i>Renfrew and Lanark Counties Division, including Madawaska and Bonnechère Rivers....</i> |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
|  |                                     |          |        |        | 25  | 250    | 3                   | 3   | 171   | 150     |     |       |        |
| <i>Mississippi River and Lake Division.....</i>  |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
| <i>Charleston and Gananoque Lakes Division.....</i>  |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
| <i>Peterboro' and Victoria Counties Division.....</i>                                      |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
|  |                                     |          |        |        | 34  | 505    | 34                  | 10  | 100   | 100     |     |       |        |
| <i>Lake Simcoe Division.</i>   |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
| <i>Scugog Lake and River.....</i>  |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
| <i>Lakes Simcoe and Couchiching and Severn River.....</i>                                  |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
| <i>Muskoka Division.....</i>   |                                     |          |        |        |     |        |                     |     |       |         |     |       |        |
|  |                                     |          |        |        |     |        |                     | 55  | 8000  | 1100    |     |       |        |

Boats, Nets, &c.—Ontario—Continued.

| SIZE, VALUE, &c. |       |            |        | KINDS, QUANTITIES AND PRICES OF FISH. |             |                   |            |                  |            |                 |            |                |                   | TOTAL VALUE. |                                       |    |      |
|------------------|-------|------------|--------|---------------------------------------|-------------|-------------------|------------|------------------|------------|-----------------|------------|----------------|-------------------|--------------|---------------------------------------|----|------|
| Pound Nets.      |       | Hoop Nets. |        | Whitefish, lbs.                       | Trout, lbs. | Herring, barrels. | Eels, lbs. | Maskinonge, lbs. | Eels, lbs. | Pickereel, lbs. | Pike, lbs. | Sturgeon, lbs. | Coarse Fish, lbs. |              | Fish used for local consumption, lbs. | \$ | cts. |
| No.              | Rods. | No.        | Value. | No.                                   | Value.      |                   |            |                  |            |                 |            |                |                   |              |                                       |    |      |
| ..               | ..    | 37         | 695    | 3200                                  | 1400        | 61                | ..         | ..               | 600        | ..              | 3400       | ..             | 26200             | ..           | 1,665                                 | 00 |      |
| ..               | ..    | 12         | 300    | ..                                    | ..          | ..                | ..         | ..               | 1400       | 600             | 1800       | ..             | 10000             | ..           | 300                                   | 00 |      |
| ..               | ..    | ..         | ..     | ..                                    | ..          | ..                | ..         | ..               | 1200       | 600             | 2000       | ..             | 3000              | ..           | 342                                   | 00 |      |
| ..               | ..    | ..         | ..     | ..                                    | ..          | ..                | ..         | ..               | 800        | 800             | 2400       | ..             | 2400              | ..           | 298                                   | 00 |      |
| ..               | ..    | ..         | ..     | ..                                    | ..          | ..                | ..         | ..               | 600        | 200             | 1000       | ..             | 1200              | ..           | 288                                   | 00 |      |
| ..               | ..    | ..         | ..     | ..                                    | ..          | ..                | ..         | ..               | 1200       | 800             | 1200       | ..             | 2400              | ..           | 134                                   | 00 |      |
| ..               | ..    | ..         | ..     | ..                                    | ..          | ..                | ..         | 800              | 1200       | 1000            | 2000       | ..             | 2000              | ..           | 252                                   | 00 |      |
| ..               | ..    | 49         | 995    | 3200                                  | 1400        | 61                | ..         | 800              | 7000       | 4000            | 13800      | ..             | 51600             | ..           | 3,619                                 | 00 |      |
| ..               | ..    | ..         | ..     | ..                                    | ..          | ..                | ..         | 3000             | 5500       | 8000            | 6000       | 50000          | 60000             | ..           | 5,590                                 | 00 |      |
| ..               | ..    | ..         | ..     | ..                                    | ..          | ..                | 2000       | 5000             | 4500       | 7000            | 5500       | 12000          | 21000             | ..           | 2,595                                 | 00 |      |
| ..               | ..    | ..         | ..     | 2700                                  | 8000        | ..                | ..         | 5000             | 10000      | 8000            | 20000      | 10000          | 50000             | ..           | 5,236                                 | 00 |      |
| ..               | ..    | ..         | ..     | ..                                    | ..          | ..                | ..         | ..               | 6000       | 3400            | 27400      | ..             | 22200             | ..           | 2,600                                 | 00 |      |
| ..               | ..    | ..         | ..     | 2000                                  | ..          | ..                | ..         | ..               | 4400       | ..              | 1500       | ..             | 25000             | ..           | 1,249                                 | 00 |      |
| ..               | ..    | ..         | ..     | 10000                                 | 27000       | 70                | ..         | 174400           | 120000     | ..              | ..         | ..             | 30000             | ..           | 21,874                                | 00 |      |
| ..               | ..    | ..         | ..     | ..                                    | ..          | ..                | ..         | 200000           | 80000      | ..              | ..         | ..             | 100000            | ..           | 19,800                                | 00 |      |
| ..               | ..    | ..         | ..     | 50000                                 | 65000       | 100               | ..         | 5000             | 20000      | ..              | 20000      | 10000          | ..                | ..           | 12,700                                | 00 |      |
| ..               | ..    | ..         | ..     | 18000                                 | 3500        | 90                | ..         | ..               | 1600       | 5200            | ..         | ..             | ..                | ..           | 2,578                                 | 00 |      |



RECAPITULATION of the Number and Value of Vessels, Boats, Nets, &c., together with the Yield and Value of Fish in the Province of Ontario, for the Year 1884.

| STATION.                                 | VESSELS AND BOATS EMPLOYED FISHING. |          |        |        |       |        | NETS, THEIR NUMBER, SIZE, VALUE, &c. |       |        |         |       |       |             |       |       |            |       |        |
|--|-------------------------------------|----------|--------|--------|-------|--------|--------------------------------------|-------|--------|---------|-------|-------|-------------|-------|-------|------------|-------|--------|
|  | Vessels.                            |          |        | Boats. |       |        | Gill Nets.                           |       |        | Seines. |       |       | Pound Nets. |       |       | Hoop Nets. |       |        |
|  | No.                                 | Tonnage. | Value. | Men.   | No.   | Value. | Men.                                 | No.   | Rods.  | Value.  | No.   | Rods. | Value.      | No.   | Rods. | Value.     | No.   | Value. |
| Lake Superior Division.....              | 1                                   | .....    | 1000   | 3      | 57    | 7525   | 164                                  | 438   | 70850  | 8993    | ..... | ..... | .....       | ..... | ..... | .....      | ..... | .....  |
| Manitowlin Division.....                 | 13                                  | 194      | 53500  | 95     | 205   | 19925  | 445                                  | 3670  | 164424 | 47875   | ..... | ..... | .....       | 80    | 2290  | 36200      | ..... | .....  |
| Georgian Bay.....                        | 7                                   | 171      | 18000  | 23     | 118   | 7235   | 273                                  | 1433  | 30352  | 23754   | ..... | ..... | .....       | 7     | 138   | 800        | 18    | 200    |
| Lake Huron.....                          | .....                               | .....    | .....  | .....  | 79    | 7243   | 398                                  | 1087  | 23129  | 21470   | ..... | ..... | .....       | 5     | 290   | 2150       | ..... | .....  |
| Lake St. Clair and Thames River.....     | .....                               | .....    | .....  | .....  | 44    | 779    | 255                                  | ..... | .....  | .....   | ..... | ..... | .....       | 43    | 5068  | 3273       | ..... | .....  |
| Detroit River.....                       | 1                                   | 7        | 1000   | 3      | 30    | 1490   | 136                                  | ..... | .....  | .....   | ..... | ..... | .....       | 31    | 4726  | 3435       | ..... | .....  |
| Lake Erie.....                           | 3                                   | .....    | 3200   | 6      | 150   | 8600   | 297                                  | 33    | 1559   | 405     | ..... | ..... | .....       | 45    | 990   | 3808       | ..... | .....  |
| Niagara and Lake Ontario.....            | .....                               | .....    | .....  | .....  | 140   | 6635   | 268                                  | 127   | 35908  | 9191    | ..... | ..... | .....       | 37    | 1630  | 3821       | ..... | .....  |
| Prince Edward Co. and Bay of Quinté..... | 4                                   | 40       | 2400   | 12     | 64    | 2310   | 182                                  | ..... | 12600  | 6125    | ..... | ..... | .....       | 22    | 2010  | 3050       | ..... | .....  |
| Lennox, Addington and Frontenac.....     | .....                               | .....    | .....  | .....  | 91    | 1176   | 167                                  | 192   | 2554   | 1156    | ..... | ..... | .....       | ..... | ..... | .....      | ..... | .....  |
| Wolfe Island and Kingston.....           | .....                               | .....    | .....  | .....  | 30    | 972    | 57                                   | 164   | 1780   | 662     | ..... | ..... | .....       | ..... | ..... | .....      | ..... | .....  |
| Rideau Division.....                     | .....                               | .....    | .....  | .....  | 28    | 449    | 50                                   | 29    | 870    | 83      | ..... | ..... | .....       | ..... | ..... | .....      | ..... | .....  |
| Prescott and Cornwall.....               | .....                               | .....    | .....  | .....  | ..... | .....  | .....                                | ..... | .....  | .....   | ..... | ..... | .....       | ..... | ..... | .....      | ..... | .....  |
| Carleton and Russell.....                | .....                               | .....    | .....  | .....  | ..... | .....  | .....                                | ..... | .....  | .....   | ..... | ..... | .....       | ..... | ..... | .....      | ..... | .....  |
| Renfrew and Lanark.....                  | .....                               | .....    | .....  | .....  | ..... | .....  | .....                                | ..... | .....  | .....   | ..... | ..... | .....       | ..... | ..... | .....      | ..... | .....  |
| Mississippi River and Lake.....          | .....                               | .....    | .....  | .....  | 25    | 250    | .....                                | 33    | 171    | 150     | ..... | ..... | .....       | ..... | ..... | .....      | ..... | .....  |
| Charleston and Gananoque.....            | .....                               | .....    | .....  | .....  | ..... | .....  | .....                                | ..... | .....  | .....   | ..... | ..... | .....       | ..... | ..... | .....      | ..... | .....  |
| Peterboro' and Victoria Counties.....    | .....                               | .....    | .....  | .....  | 34    | 505    | 34                                   | 10    | 100    | 100     | ..... | ..... | .....       | ..... | ..... | .....      | ..... | .....  |
| Lake Sturgeon and River.....             | .....                               | .....    | .....  | .....  | ..... | .....  | .....                                | ..... | .....  | .....   | ..... | ..... | .....       | ..... | ..... | .....      | ..... | .....  |
| Lake Simcoe and Couchiching.....         | .....                               | .....    | .....  | .....  | ..... | .....  | .....                                | ..... | .....  | .....   | ..... | ..... | .....       | ..... | ..... | .....      | ..... | .....  |
| Muskoka.....                             | .....                               | .....    | .....  | .....  | ..... | .....  | .....                                | ..... | .....  | .....   | ..... | ..... | .....       | ..... | ..... | .....      | ..... | .....  |
| Totals.....                              | 29                                  | 412      | 79100  | 142    | 1095  | 65094  | 2723                                 | 8354  | 352797 | 119314  | ..... | ..... | .....       | 220   | 15448 | 20665      | ..... | .....  |
|  |                                     |          |        |        |       |        |                                      |       |        |         | 212   | 8338  | 69835       | 413   | 7188  |            |       |        |

T 49.

RECAPITULATION of the Number and Value of Vessels, Boats, Nets, &c.—Province of Ontario—Concluded.

| STATION.                                 | KINDS, QUANTITIES AND VALUE OF FISH. |                 |                 |                |                   |              |                  |               |                |               |                | TOTAL VALUE.<br>\$ | cts.          |                     |                                       |
|--|--------------------------------------|-----------------|-----------------|----------------|-------------------|--------------|------------------|---------------|----------------|---------------|----------------|--------------------|---------------|---------------------|---------------------------------------|
|  | Whitefish, barrels.                  | Whitefish, lbs. | Trout, barrels. | Trout, lbs.    | Herring, barrels. | Bels, lbs.   | Maskinonge, lbs. | Bas, lbs.     | Pickarel, lbs. | Pike, lbs.    | Sturgeon, lbs. |                    |               | Coarse Fish, lbs.   | Fish used for local consumption, lbs. |
| Lake Superior Division.....              | 1144                                 | 336150          | 2156            | 215500         | 10                | .....        | .....            | .....         | 10890          | .....         | 400            | .....              | .....         | 77,790 00           | 00                                    |
| Manitoulin Division.....                 | 250                                  | 1103962         | 312             | 1938194        | .....             | .....        | .....            | 522104        | .....          | 234659        | .....          | .....              | 150000        | 296,551 67          | 67                                    |
| Georgian Bay.....                        | 684                                  | 350182          | 938             | 1386520        | 449               | .....        | 200              | 73900         | 23320          | 2350          | 27480          | 7800               | .....         | 164,189 06          | 06                                    |
| Lake Huron.....                          | .....                                | 701760          | .....           | 509100         | 6532              | .....        | 7600             | 198430        | 500            | 135032        | 237500         | 504000             | .....         | 164,006 40          | 40                                    |
| Lake St. Clair and Thames River.....     | .....                                | 33800           | .....           | 70400          | 725               | .....        | 60460            | 136400        | 25480          | 320           | 237500         | 89200              | .....         | 34,878 20           | 20                                    |
| Detroit River.....                       | .....                                | 71950           | .....           | .....          | .....             | .....        | 450              | 8800          | 7850           | 47000         | 149600         | 15000              | .....         | 20,035 70           | 70                                    |
| Lake Erie.....                           | .....                                | 227803          | .....           | 500            | 1200              | .....        | 2900             | 54260         | 174597         | 13260         | 653000         | 30000              | .....         | 137,899 66          | 66                                    |
| Niagara and Lake Ontario.....            | .....                                | 16600           | .....           | 102090         | 6880              | .....        | 135000           | 157562        | 70750          | 38555         | 44400          | .....              | .....         | 80,358 97           | 97                                    |
| Prince Edward Co. and Bay of Quinte..... | .....                                | 159300          | .....           | 265500         | 364               | .....        | 550              | 45400         | 57300          | 43500         | 564400         | 59600              | .....         | 64,949 60           | 60                                    |
| Lennox, Addington and Frontenac.....     | .....                                | 14860           | .....           | 28420          | 183               | .....        | 2800             | 45650         | 43000          | 4900          | 84400          | .....              | .....         | 9,987 60            | 60                                    |
| Wolfe Island and Kingston.....           | .....                                | 700             | .....           | 9700           | .....             | .....        | 900              | 1900          | 1800           | 4900          | 126900         | .....              | .....         | 5,277 00            | 00                                    |
| Rideau Division.....                     | .....                                | 3200            | .....           | 1400           | 61                | .....        | 800              | 7000          | 4000           | 13800         | 51600          | .....              | .....         | 3,619 00            | 00                                    |
| Prescott and Cornwall.....               | .....                                | .....           | .....           | .....          | .....             | .....        | 3000             | 5600          | 8000           | 6000          | 60000          | .....              | .....         | 5,595 00            | 00                                    |
| Carleton and Russell.....                | .....                                | 2700            | .....           | 8000           | .....             | .....        | 4500             | 7000          | 5500           | 12000         | 21000          | .....              | .....         | 2,695 00            | 00                                    |
| Renfrew and Lanark.....                  | .....                                | .....           | .....           | .....          | .....             | .....        | 10000            | 8000          | 20000          | 10000         | 50000          | .....              | .....         | 5,236 00            | 00                                    |
| Mississippi River and Lake.....          | .....                                | 10500           | .....           | 27000          | 70                | .....        | 4400             | 3400          | 27400          | .....         | 26000          | .....              | .....         | 2,600 00            | 00                                    |
| Charleston and Gananoque.....            | .....                                | .....           | .....           | 2000           | .....             | .....        | 200000           | 80000         | .....          | .....         | 30000          | .....              | .....         | 1,249 00            | 00                                    |
| Peterboro' and Victoria Counties.....    | .....                                | 50000           | .....           | 65009          | 100               | .....        | 5000             | 20000         | .....          | .....         | 100000         | .....              | .....         | 21,874 00           | 00                                    |
| Lake Scugog and River.....               | .....                                | 18000           | .....           | 3500           | 99                | .....        | 1600             | .....         | .....          | .....         | .....          | .....              | .....         | 19,800 00           | 00                                    |
| Lakes Simcoe and Couchiching.....        | .....                                | .....           | .....           | .....          | .....             | .....        | .....            | .....         | .....          | .....         | .....          | .....              | .....         | 12,700 00           | 00                                    |
| Muskoka.....                             | .....                                | .....           | .....           | .....          | .....             | .....        | .....            | .....         | .....          | .....         | .....          | .....              | .....         | 2,578 00            | 00                                    |
| <b>Totals.....</b>                       | <b>2078</b>                          | <b>3101397</b>  | <b>3400</b>     | <b>4631814</b> | <b>30449</b>      | <b>22300</b> | <b>532335</b>    | <b>688852</b> | <b>1336231</b> | <b>262795</b> | <b>907381</b>  | <b>2626850</b>     | <b>655600</b> | <b>1,133,724 26</b> | <b>26</b>                             |

RECAPITULATION

OF the Yield and Value of the Fisheries in the Province of Ontario, during the Year 1884.

| Kinds o Fish.                                      | Quantity.      | Price. |      | Value.    |      |
|--|----------------|--------|------|-----------|------|
|  |                | \$     | cts. | \$        | cts. |
| Herring .....                                      | Brls. 30,449   | 5      | 00   | 152,245   | 00   |
| Whitefish.....                                     | " 2,078        | 10     | 00   | 20,780    | 00   |
| do .....   | Lbs. 3,101,397 | 0      | 08   | 248,111   | 76   |
| Trout .....  | Brls. 3,400    | 10     | 00   | 34,000    | 00   |
| do .....   | Lbs. 4,631,814 | 0      | 08   | 370,545   | 12   |
| Maskinongé.....                                    | " 532,385      | 0      | 06   | 31,940    | 10   |
| Bass .....   | " 588,852      | 0      | 06   | 35,331    | 12   |
| Pickarel.....                                      | " 1,336,231    | 0      | 06   | 80,173    | 86   |
| Pike .....   | " 252,796      | 0      | 05   | 12,639    | 75   |
| Sturgeon.....                                      | " 907,381      | 0      | 05   | 45,369    | 05   |
| Eels.....  | " 22,300       | 0      | 05   | 1,115     | 00   |
| Coarse fish.....                                   | " 2,526,850    | 0      | 03   | 75,806    | 50   |
| Fish for home consumption, not included above..... | " 865,600      | 0      | 03   | 25,668    | 00   |
| Value for 1884.....                                |                |        |      | 1,133,724 | 26   |
| do 1883 .....                                      |                |        |      | 1,027,032 | 88   |
| Increase .....                                     |                |        |      | 106,691   | 38   |

SYNOPSIS OF FISHERY OVERSEERS' REPORTS IN THE PROVINCE  
OF ONTARIO, FOR THE YEAR 1884.

LAKE SUPERIOR DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.                             | 1881.   | 1882.        | 1883.          | 1884.          |
|--|---------|--------------|----------------|----------------|
| Whitefish..... Brls.                       | 859     | 1,448        | 1,467          | 1,144          |
| do fresh..... Lbs.                         | 359,144 | 123,972      | 342,400        | 336,150        |
| Trout..... Brls.                           | 988     | 1,698        | 1,610          | 2,150          |
| do..... Lbs.                               | .....   | 107,700      | 582,397        | 215,500        |
| Pickrel..... Brls.                         | 55      | lbs. 40,000  | lbs. 68,000    | lbs. 10,800    |
| Herring..... "                             | .....   | .....        | .....          | 10             |
| Sturgeon..... Lbs.                         | .....   | .....        | .....          | 400            |
| Coarse Fish.....                           | .....   | .....        | brls. 50       | .....          |
| Fish used for local consumption..... Brls. | 135     | 319½         | " 1,000        | .....          |
| Total in lbs.....                          | 764,400 | lbs. 964,572 | lbs. 1,948,197 | lbs. 1,223,650 |
| Value..... \$                              | 25,116  | 56,215 76    | 116,533 76     | 77,790         |

NOTE.—The apparent falling off in this division is due to the fact that part of Overseer Wilson's returns are included in the Manitoulin Island Division.

Overseer James Dickson, who has charge of that portion of the coast of Lake Superior extending from Pigeon River to the Slate Islands, reports that, although eight stations were unfinished, the yield of the fisheries in his division is almost equal to that of last year. Several fishermen who left too early missed the last and best run of whitefish, which was unusually abundant, especially in Thunder Bay and in the neighbourhood of Port Arthur. Resident fishermen were highly successful, as whitefish remained on the ground until the 17th December, when the ice compelled them to quit fishing. Two pound nets were licensed, but only one was fished, with very poor results. A large percentage of the fish caught in this division was sold fresh to Canadian Pacific Railway contractors, or sent to United States markets; thus saving the cost of handling, pickling and barrelling.

Overseer Jos. Wilson, whose district extends from the Slate Islands, on Lake Superior, to Collin's Inlet, on Georgian Bay, reports a falling off in the yield of the fisheries of his division. Very few fish were caught after 1st November. Angling for speckled trout in Nepigon River was as good as ever. Pound net fishing met with very indifferent success. Overseer Wilson is strongly opposed to the indiscriminate use of pound nets. He says: "From all the information I could obtain, as well as from my own observations, I am of opinion that in using pound nets we will, in a few years, ruin our valuable fisheries, and I would most respectfully suggest that they be prohibited, except for the taking of pickerel, sturgeon and pike, and only in localities unfrequented by whitefish or salmon trout. Pound nets should be set at least five miles apart and the fee raised to \$50 per net. The clause of the Fisheries Act which fixes the size of gill nets at 5 inches, extension measure, should be strictly enforced."

## MANITOULIN ISLAND DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.                        |       | 1881.     | 1882.      | 1883.      | 1884.      |
|---------------------------------------|-------|-----------|------------|------------|------------|
| Whitefish.....                        | Brls. | 125       |            |            | 250        |
| do .....                              | Lbs.  | 743,423   | 322,435    | 553,792    | 1,103,962  |
| Trout.....                            | "     |           | 648,630    | 968,225    | 1,938,194  |
| do .....                              | Brls. | 2,000     |            |            | 312        |
| Pickereel.....                        | Lbs.  | 30,000    | 529,466    | 317,489    | 522,104    |
| Fish used for local consumption ..... | "     |           |            | 45,000     |            |
| Sturgeon .....                        | "     |           | 50,000     | 91,200     | 234,659    |
| Totals in lbs.....                    |       | 1,198,400 | 1,550,531  | 1,975,706  | 3,911,319  |
| Value .....                           | \$    | 1,198,400 | 111,953 16 | 147,620 70 | 296,551 67 |

NOTE.—The increase in this division is due to the addition of part of Overseer Wilson's returns, as explained above.

Overseer D. A. Cameron, who has charge of the fishing grounds around Manitoulin, St. Joseph, Cockburn and the Ducks' Islands, reports an increase in the catch of whitefish and salmon trout over 1883. This, he attributes to a more vigorous prosecution of gill net fishing. Pound net fishing was not so successful as last year, owing to stormy weather and contrary winds. A falling off is noticed in the yield of pickereel and sturgeon, which this Overseer ascribes to excessive fishing in previous years. The close-season was well observed.

## GEORGIAN BAY DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries of this Division.

| Kinds of Fish.                        |       | 1882.      | 1883.      | 1884.       |
|---------------------------------------|-------|------------|------------|-------------|
| Whitefish.....                        | Brls. | 744        | 395        | 684         |
| do fresh.....                         | Lbs.  | 1,367,250  | 1,035,600  | 350,182     |
| Trout.....                            | Brls. | 1,575      | 2,330      | 938         |
| do .....                              | Lbs.  | 278,000    | 1,351,400  | 1,386,620   |
| Herring .....                         | Brls. | 85         | 137        | 449         |
| Bass .....                            | Lbs.  | 200        |            | 200         |
| Pickereel.....                        | "     | 47,600     | 184,750    | 73,900      |
| Pike .....                            | "     | 12,600     | 15,700     | 23,320      |
| Sturgeon.....                         | "     |            | 26,800     | 2,350       |
| Coarse Fish.....                      | Brls. | 262        | 4,923      | lbs. 27,480 |
| Fish used for local consumption ..... | "     | 620        | 800        | " 7,800     |
| Totals in lbs.....                    |       | 2,362,850  | 3,343,650  | 2,285,962   |
| Value .....                           | \$    | 162,261 00 | 253,997 00 | 164,189 06  |

*Overseer Solomon James*, whose division extends from Collin's Inlet to Parry Sound, on Georgian Bay, reports that, owing to very stormy weather, he was prevented from visiting his division before the fishermen had left, but that he is under the impression they gave returns of their catch to the neighboring Overseers, Messrs. F. M. G. Fraser and S. Frazer.

*Overseer F. M. G. Fraser*, whose division comprises the coast of Georgian Bay extending from Parry Sound to Victoria Harbour, states he experienced great difficulties in obtaining correct returns of the catch of each fisherman. He complains that, some boats are in the habit of throwing the offals of fish in the water on their way to harbours, and that this practice cannot fail but being very injurious to fishing. Two parties were fined \$50 each for throwing sawdust into Muskoka and Coldwater Rivers.

*Overseer George R. Steele*, who has charge of the inland waters of Parry Sound District, reports that, while the coarser kinds of fish seem to be on the increase, the finer grades are falling off. This state of things he attributes to the want of efficient fish-ways, so as to allow the passage of fish to their breeding grounds. Three parties were prosecuted and fined for illegal net fishing. Their nets were confiscated.

*Overseer S. Frazer* has charge of that part of the coast of Georgian Bay extending from Victoria Harbour to Allenwood, including the Penetanguishene Peninsula, Christian, Beckwith and Hope Islands. He also complains of the difficulty of obtaining reliable returns of the catch of fish, owing to the reluctance of dealers to supply information. He reports the fishing season as having been unusually stormy, and that several fishermen lost the greater part of their nets. During the beginning of the season, fish were scarce. The fishing grounds around Christian Island were reserved for the breeding of fish. No violations of the fishery laws were brought under this Overseer's notice.

*Overseer Geo. S. Miller's* division extends from Owen Sound to Cape Hurd. He sends no report, but his statistical returns show a fair increase in the catch of salmon trout and whitefish, whilst the yield of coarse fish does not appear to have been so large as in 1883.

## LAKE HURON DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries of this Division.

| Kinds of Fish.                         | 1882.          | 1883.          | 1884.          |
|--|----------------|----------------|----------------|
| Herring..... Brls.                     | 4,395          | 4,222          | 6,592          |
| Whitefish..... Lbs.                    | 836,500        | 620,000        | 701,750        |
| Trout..... "                           | 705,200        | 543,000        | 508,100        |
| Bass..... "                            | 14,000         | 13,800         | 7,600          |
| Pike..... "                            | 200            | 400            | 500            |
| Pickarel..... "                        | 285,050        | 288,200        | 198,430        |
| Sturgeon..... "                        | 64,700         | 59,200         | 135,032        |
| Fish used for local consumption..... " |                |                | 504,000        |
| Totals in lbs.....                     | lbs. 2,784,650 | lbs. 2,369,000 | lbs. 3,373,812 |
| Value..... \$                          | 166,499        | 135,250        | 163,996 40     |

*Overseer James Muir's* division comprises that part of the coast of Lake Huron extending from Cape Hurd to Point Clark. He reports that, fishing operations were not so successful as they should have been, owing to the stormy weather which prevailed during the latter part of the season, destroying a large number of nets and

otherwise causing serious loss to fishermen. Although fish were scarce at the beginning of the season, they increased during the latter months. Seining at Sauble Beach was not so good as usual. Fishing was also poor around Whitefish and Burk's Islands. The close-season was well observed; the more so as it was too stormy during that period to attempt setting any nets.

*Overseer A. C. McKinnon* has charge of that part of the coast extending from Point Clark downwards to Kettle Point. He reports a decrease in the catch of fish as compared with the previous year. This he attributes to protracted stormy weather, and to a less vigorous prosecution of fishing, rather than to any scarcity of fish. The demand for fresh fish is steadily increasing in United States as well as in home markets; better prices are obtained, and the cost of handling and pickling is thus saved. Mostly all fishermen now understand the importance of maintaining their business, and realize that it is in their interest to protect the fish during their spawning seasons. No violation of the law came under this Overseer's notice.

*Overseer David McMaster* attends to the St. Clair River. He reports a great falling off in whitefish and salmon trout; in fact, the quantity caught was a mere trifle as compared to that of previous years. Pickerel also shows a decrease, but this is explained by the fact that, owing to the early breaking up of the ice, the first run of fish went up before the end of the close-season. The catch of herring and sturgeon are largely in excess of that of 1883. The price of pickled herring was, unfortunately, low. The large catch of sturgeon is worthy of notice. Some years ago these fish were considered as worthless, and even deemed a nuisance. They are now reckoned amongst the most valuable kinds of fish frequenting the waters of Ontario. When sold round, fishermen easily obtain 60 cents per fish. When dressed, nothing is lost: the flesh sells at 4 or 5 cents a pound; the prepared eggs, or caviare, fetch 10 cents a pound; bladders 5 cents each. Valuable oil is also extracted from the offals, and the skin is now used for mill-belt laces. Experiments have shown that a set of sturgeon leather laces will last as long as the belt itself. Alleged reports of illegal fishing for whitefish during the close season proved, upon enquiry, to be totally groundless.

*Overseer Hugh McFayden* reports trout plentiful on the Saugeen River, where they fetch good prices. Two millowners were fined for allowing sawdust to escape from their mills. The close-season was well observed.

LAKE ST. CLAIR AND THAMES RIVER DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.                         | 1882.   | 1883.   | 1884.        |
|--|---------|---------|--------------|
| Whitefish..... Lbs.                    | 16,600  | 20,200  | 33,800       |
| Trout..... "                           | 29,600  | 57,000  | 70,400       |
| Herring..... brls.                     | 291     | 462     | 725          |
| Maskinongé..... Lbs.                   | 400     | 600     | 235          |
| Bass..... "                            | 85,400  | 85,800  | 60,460       |
| Pike..... "                            | 12,200  | 50,200  | 25,490       |
| Pickerel..... "                        | 141,400 | 88,800  | 136,400      |
| Sturgeon..... "                        | 600     | 200     | 320          |
| Coarse Fish..... brls.                 | 1,568   | 1,084   | Lbs. 237,500 |
| Fish used for local consumption..... " |         | 374     | " 89,200     |
| Totals in lbs.....                     | 657,000 | 686,800 | 798,805      |
| Value..... \$                          | 25,695  | 27,334  | 34,878       |

*Overseer T. McQueen*, at the mouth of the Thames River, reports twenty-one grounds as fished in his division during the season, employing 168 persons. Owing to an early spring the catch greatly exceeds that of 1883. No violations of the law came under this officer's notice.

*Overseer Angus Brady*, who attends to the middle portion of the Thames River, reports a considerable increase over last year's catch, notwithstanding the fact that spring freshets interfered with fishermen's operations during the best run of fish. Prices also ruled higher than usual. The close-season was well observed. This officer destroyed two dip-nets which he found set during the close time.

*Overseer Peter McCann*, who has charge of the upper division of the Thames River, states that pickerel fishing was fair; coarse fish were also more abundant than during the previous year. The catch of bass was short. Extensive illegal fishing was indulged in during the spring months. Thirteen offenders were brought before the magistrate, and were all fined, with the exception of one. All the fish-ways in his district are reported to be in good repair; another one will be built soon.

### DETROIT RIVER DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.                       |       | 1882.   | 1883.     | 1884.     |
|--------------------------------------|-------|---------|-----------|-----------|
| Whitefish.....                       | Lbs.  | 75,000  | 62,500    | 71,950    |
| Herring.....                         | Brls. | 104     | 405       | 1,200     |
| Maskinongé.....                      | Lbs.  | 600     | 720       | 450       |
| Bass.....                            | "     | .....   | 4,950     | 570       |
| Pike.....                            | "     | 200     | 1,000     | 7,850     |
| Pickerel.....                        | "     | 18,000  | 22,200    | 8,800     |
| Sturgeon.....                        | "     | 14,200  | 12,800    | 47,000    |
| Coarse Fish.....                     | "     | 43,000  | 62,000    | 149,600   |
| Fish used for local consumption..... | "     | .....   | .....     | 15,000    |
| Totals in lbs.....                   |       | 171,800 | 245,920   | 541,220   |
| Value.....                           | \$    | 9,216   | 11,573 20 | 20,025 70 |

*Overseer E. Boismier*, who has charge of the Detroit River, reports the catch of whitefish as being better than that of last year. The yield of herring and sturgeon was also more than double. Pickerel shows a falling off. It is feared that the supply of these fish will not stand the heavy drain made on them by the numerous pound nets set on the United States side of Lake St. Clair and Detroit River. Mr. Boismier recommends adopting a minimum mesh of 4 inches in the "pot" for pound nets.



## POINT PELÉE DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.      | 1882.     | 1883.     | 1884.     |
|---------------------|-----------|-----------|-----------|
| Herring..... Brls.  | 5,650     | 7,940     | 9,118     |
| Whitefish..... Lbs. | 109,375   | 48,244    | 30,842    |
| Bass..... "         | 33,726    | 24,840    | 29,000    |
| Pickarel..... "     | 24,138    | 34,214    | 30,000    |
| Sturgeon..... "     | 27,670    | 69,130    | 47,800    |
| Coarse Fish..... "  |           |           | 7,400     |
| Totals in lbs.....  | 1,322,908 | 1,764,428 | 1,968,642 |
| Value..... \$       | 41,805 28 | 50,559 26 | 54,209 38 |

*Overseer Wm. Prosser*, whose divisions extends from the mouth of Detroit River to the county line of Kent, reports a further falling off in the catch of whitefish as compared with that of 1883, which was considered a poor year. Pickerel and sturgeon also show a decrease, but the good catch of herring and bass makes up for the deficiency, and the total value exceeds that of the previous season.

## PELÉE ISLAND.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.      | 1882.     | 1883.     | 1884.     |
|---------------------|-----------|-----------|-----------|
| Whitefish..... Lbs. | 95,970    | 62,884    | 45,561    |
| Herring..... Brls.  | 1,170     | 1,437     | 634       |
| Pickarel..... Lbs.  |           |           | 22,493    |
| Sturgeon..... "     | 60,000    | 18,200    | 166,600   |
| Coarse Fish..... "  | 33,400    | 65,200    | 9,800     |
| Totals in lbs.....  | 423,370   | 433,684   | 371,244   |
| Value..... \$       | 17,195 60 | 14,429 72 | 16,787 86 |

*Overseer James Cummins*, who has charge of Pelée Island, in Lake Erie, reports a large catch of pickerel and sturgeon. Whitefish and herring were scarce.

## LAKE ERIE DIVISION.

COMPARATIVE Statement of the Yield and Value of the Fisheries in this Division.

| Kinds of Fish..                      |       | 1882.          | 1883.          | 1884.          |
|--------------------------------------|-------|----------------|----------------|----------------|
| Whitefish.....                       | Lbs.  | 78,888         | 110,500        | 151,400        |
| Herring.....                         | Brls. | 3,061          | 1,684          | 4,003          |
| Maskinongé.....                      | Lbs.  | 1,200          | 2,800          | 2,900          |
| Bass.....                            | "     | 48,600         | 86,600         | 25,260         |
| Pike.....                            | "     | 25,300         | 30,800         | 13,280         |
| Pickereel.....                       | "     | 234,700        | 154,200        | 122,114        |
| Sturgeon.....                        | "     | 68,200         | 135,200        | 101,620        |
| Coarse Fish.....                     | brls. | 2,378          | 3,316          | 635,800        |
| Trout.....                           | "     | .....          | .....          | 500            |
| Fish used for local consumption..... | "     | .....          | .....          | 30,000         |
| Totals in lbs. ....                  |       | lbs. 1,543,800 | lbs. 1,520,100 | lbs. 1,882,974 |
| Value.....                           | \$    | 52,802 00      | 53,440 00      | 66,902 44      |

*Overseer J. McMichael's* division comprises the Lake Erie frontage of the County of Kent. He reports an increase in the yield of fish, and attributes it to the fact that a greater number of men were engaged in this industry. Several pound nets were destroyed by the storms which raged towards the end of the fishing season. The close season was well observed.

*Overseer Alex. McBride*, who has charge of that part of the coast of Lake Erie fronting on the County of Elgin, reports that the yield of fish in his division is in excess of that of last year. No violations of the law came under his notice.

*Overseer David Sharp*, whose division comprises that part of the coast of Lake Erie fronting on County of Norfolk, made no report, but his tabular statements show the yield to be about the same as last year.

*Overseer McCrae*, who has charge of the Grand River and of the waters of Lake Erie, near its mouth, reports a falling off in the quantity of fish caught. Owing to a late breaking up of the ice in the river, there was hardly any seining done before the close-season. Anglers enjoyed good sport below the dam at Dunnville, but fish were scarce above the dam. This confirms the opinion that the fish-way at that point is either defective or badly located. The attention of the Department of Public Works has been called to the matter.

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 NIAGARA RIVER AND LAKE ONTARIO DIVISIONS.
 

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 COMPARATIVE Statement of the yield and value of the Fisheries in these Divisions.
 

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| Kinds of Fish.          | 1882.     | 1883.     | 1884.        |
|-------------------------|-----------|-----------|--------------|
| Whitefish ..... Lbs.    | 69,100    | 34,100    | 16,600       |
| Trout ..... "           | 110,300   | 113,000   | 102,080      |
| Herring ..... Brls.     | 1,213     | 2,116     | 6,880        |
| Maskinongé ..... Lbs.   | 100,000   | 190,000   | 135,000      |
| Bass ..... "            | 193,200   | 182,000   | 157,562      |
| Pickarel ..... "        | 63,300    | 66,200    | 70,750       |
| Pike ..... "            | 35,800    | 70,600    | 38,555       |
| Eels ..... "            |           |           | 15,500       |
| Sturgeon ..... "        | 103,800   | 69,600    | 44,440       |
| Coarse Fish ..... Brls. | 1,878     | 1,698     | lbs. 324,770 |
| Totals in lbs.....      | 1,298,500 | 1,491,300 | 2,281,217    |
| Value..... \$           | 56,594    | 62,622    | 80,358 97    |

Overseer J. W. Kerr, whose large district extends from the mouth of Grand River, on Lake Erie, to Whitby Harbour, on Lake Ontario, including the Niagara River, reports that last season's fishing was, on the whole, satisfactory. The catch of herring largely exceeded that of the previous year; the fish being most plentiful between Bronté and Queenston. Whitefish yielded less than in 1883, which was considered a poor year. The catch of this fish was, in fact, so trifling, that it is doubtful whether fishermen will again risk material and capital in its pursuit. Salmon trout are also on the decrease. Sturgeon fishermen on the Niagara River were very successful. Coarse fish are getting to be in good demand, and prove remunerative to farmers, who catch them during the spring freshets. Angling and trolling, specially in Burlington Bay and Niagara River, were very good.

Overseer Chs. Gilchrist reports a complete failure in the catch of whitefish in that part of Lake Ontario fronting on the County of Northumberland, which he is unable to account for. The yield of salmon trout was fair. More coarse fish were caught than during the year 1883. In Rice Lake and tributary streams, angling was better than for many years past. Fewer American sportsmen visited Rice Lake last season, owing, undoubtedly, to the excitement of the Presidential election. About 600 angling permits were issued—forty-four to United States citizens; the balance to settlers and Indians.

PRINCE EDWARD AND BAY OF QUINTÉ DIVISIONS.

COMPARATIVE Statement of the yield and value of Fisheries in these Divisions.

| Kinds of Fish.                            | 1882.        | 1883.        | 1884.          |
|---|--------------|--------------|----------------|
| Whitefish..... Lbs.                       | 223,000      | 62,200       | 159,800        |
| Trout..... "                              | 120,000      | 183,000      | 265,500        |
| Herring..... Brls.                        | 610          | 341          | 364            |
| Maskinongé..... Lbs.                      | 2,200        | .....        | 550            |
| Bass..... "                               | 32,200       | 23,800       | 45,400         |
| Pike..... "                               | 40,600       | 175,400      | 43,500         |
| Pickrel..... "                            | 64,400       | 76,200       | 57,300         |
| Sturgeon..... "                           | 1,800        | .....        | 40,300         |
| Coarse Fish..... Brls.                    | 982          | 964          | lbs. 564,400   |
| Fish used for local consumption..... Lbs. | .....        | .....        | 59,600         |
| Totals in lbs.....                        | lbs. 802,600 | lbs. 781,600 | lbs. 1,309,150 |
| Value..... \$                             | 42,466       | 62,507       | 64,949         |

Overseer C. Wilkins states that the yield of fish in Bay of Quinté largely exceeded that of any previous five years. The increase in the catch of whitefish and salmon trout was especially noticeable, and is undoubtedly due to the removal of nets from the upper gap; thus allowing the fish a free and uninterrupted passage from Lake Ontario to the Bay of Quinté. There are fifteen fish-ways in this division, which are said to be in good condition.

Overseer J. Redmond, of the County of Prince Edward, reports a slight falling off in the catch of whitefish and salmon trout, which he attributes to excessive netting in previous years, and to the millions of worthless small fish which infest these waters. Sturgeon were plentiful, and a good catch was made. The close-season was generally well kept.

LENNOX, ADDINGTON AND FRONTENAC DIVISIONS.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.      | 1882.     | 1883.    | 1884.       |
|---------------------|-----------|----------|-------------|
| Whitefish..... Lbs. | 15,534    | 34,400   | 14,800      |
| Trout..... "        | 9,422     | 15,100   | 28,400      |
| Maskinongé..... "   | 30        | .....    | .....       |
| Bass..... "         | 74        | 200      | 2,900       |
| Pike..... "         | 34,000    | 18,000   | 4,300       |
| Pickrel..... "      | 2,230     | 20,350   | 45,650      |
| Bels..... "         | .....     | .....    | 1,500       |
| Herring..... Brls.  | 307       | 207      | 153         |
| Coarse Fish..... "  | 1,175     | 350      | lbs. 84,400 |
| Totals in lbs.....  | 422,158   | 200,250  | 212,550     |
| Value..... \$       | 10,100 72 | 8,568 00 | 9,957 60    |

*Overseer A. D. Sills*, who has charge of the lake shore and inland waters of the County of Lennox and Addington, reports fish as being more plentiful in his division than for the last ten years. He ascribes this satisfactory result to a close observance of the fishery laws and regulations.

*Overseer J. A. Cameron*, of Westport, reports a good increase in the catch of whitefish and a decrease in that of trout. Coarse fish yielded about the same as last year, although farmers only fish for them after their spring work is over. He seized a set of hoop-nets in Birch Lake. With this exception, no breach of the law came under his notice.

*Overseer R. Gilbert* has charge of the inland waters of the Townships of Palmerston, Clarendon, North and South Canonto and Miller, in the County of Frontenac. He reports a considerable increase in the catch of fish in his division, which he attributes to the fact that the number of settlers is increasing. Attempts at spearing were made by hunters camped near the lakes, but being closely watched they did not succeed in violating the law. Most of the trout in this division had done spawning before 1st November.

*Overseer H. R. Purcell* has charge of the waters in the Townships of Camden, Portland, Loughboro', Sheffield and Kennebec, County of Addington. He reports an increased catch of fish. There are some beautiful lakes in this district, well stocked with salmon trout, whitefish, pickerel, &c. The close-seasons are said to have been well observed.

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**WOLFE ISLAND AND KINGSTON DIVISIONS.**

COMPARATIVE Statement of the yield and value of the Fisheries in these Divisions.

| Kinds of Fish.                        | 1882.    | 1883.    | 1884.        |
|---------------------------------------|----------|----------|--------------|
| Whitefish .....                       | 800      | 2,400    | 700          |
| Trout .....                           | 20,000   | 21,000   | 9,700        |
| Bass .....                            | 19,800   | 11,800   | 900          |
| Pickerel .....                        | 9,400    | 3,000    | 1,900        |
| Eels .....                            |          |          | 3,300        |
| Pike .....                            |          |          | 1,800        |
| Sturgeon .....                        | 260      | 3,600    | 4,900        |
| Coarse Fish .....                     | 468      | 370      |              |
| Fish used for local consumption ..... |          | 58       | lbs. 125,900 |
| Totals in lbs. ....                   | 143,000  | 127,400  | 144,000      |
| Value..... \$                         | 5,148 00 | 4,614 00 | 5,277 00     |

*Overseer Thos. Merritt*, of Kingston, reports that since the prohibition of gill nets, the increase in the finer grades of fish is noticeable in the waters of the Bay of Quinté. This is also true of the lakes in rear of Kingston. Large catches of Black Bass are reported on the grounds reserved for angling in the neighborhood of Kingston. This increase may also be attributed to the disappearance of coarse fish, which used to feed on the ova of bass, pickerel, &c., &c. Several nets found in the reserved waters were taken up and destroyed.

*Overseer P. Kiel*, who has charge of the waters around Wolfe Island, issued fourteen licenses, mostly to farmers, who fish only when their labor is not required elsewhere. The home market is supplied from Georgian Bay. Salmon trout seemed plentiful, especially around Pigeon Island. No fishing was carried on at Charity Shoals, which is considered one of the best fishing grounds of Lake Ontario, nor at

Horse Shoe Island and at the head of Wolfe Island, owing to boisterous weather during the month of October. The close-season was well observed.

Overseers J. Cox, of Amherst Island, and N. Acton, of Gananoque, made no reports.

### RIDEAU DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.         | 1882.    | 1883.    | 1884.       |
|------------------------|----------|----------|-------------|
| Whitefish..... Lbs.    | 11,000   | 2,800    | 3,200       |
| Trout..... "           | 3,400    | 1,600    | 1,400       |
| Herring..... Brls.     | 74       | 73       | 61          |
| Maskinongé..... Lbs.   | 1,000    | 1,000    | 800         |
| Bass..... "            | 9,050    | 12,200   | 7,000       |
| Pike..... "            | 18,650   | 15,400   | 13,800      |
| Pickarel..... "        | 3,800    | 4,200    | 4,000       |
| Coarse Fish..... Brls. | 424      | 317      | lbs. 51,600 |
| Totals in lbs.....     | 146,500  | 115,200  | 94,000      |
| Value..... \$          | 4,981 50 | 3,799 00 | 3,619 00    |

Overseer Geo. Jeacle reports that the catch of coarse fish during the spring months was poor, owing to the ice remaining so late. The fall catch was larger and of a better quality. Two fish-ways were built in the mill dams at Westport. The laws relative to sawdust and mill rubbish were well observed.

Overseer A. E. Mills reports that while the finer grades of fish in his division yielded about the same as in the previous years, the coarser kinds show a falling off, owing, undoubtedly, to the high state of the water on the spawning grounds. The Rideau is too small to allow of any gill net fishing being carried on; most of the fishing is therefore done by angling and trolling. This Overseer expected much trouble during the close-season, but the sending of a couple of Dominion policemen had the desired effect.

### PRESCOTT AND CORNWALL DIVISIONS.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.         | 1882.    | 1883.    | 1884.       |
|------------------------|----------|----------|-------------|
| Maskinongé..... Lbs.   | 2,200    | 2,500    | 3,000       |
| Bass..... "            | 5,500    | 5,000    | 5,500       |
| Pike..... "            | 5,300    | 6,000    | 6,000       |
| Pickarel..... "        | 4,800    | 5,200    | 8,000       |
| Sturgeon..... "        | 50,000   | 48,000   | 50,000      |
| Coarse Fish..... Brls. | 312      | 325      | lbs. 60,000 |
| Totals in lbs.....     | 130,200  | 131,700  | 132,500     |
| Value..... \$          | 4,763 00 | 4,762 00 | 5,590 00    |

## CARLETON AND RUSSELL COUNTIES DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.       | 1883.    | 1884.    |
|----------------------|----------|----------|
| Maskinongé..... Lbs. | 5,000    | 5,000    |
| Bass..... "          | 5,000    | 4,500    |
| Pickeral..... "      | 6,000    | 7,000    |
| Pike..... "          | 6,000    | 5,500    |
| Sturgeon..... "      | 10,000   | 12,000   |
| Eels..... "          | .....    | 2,000    |
| Coarse Fish..... "   | 20,000   | 21,000   |
| Totals in lbs.....   | 52,000   | 57,000   |
| Value..... \$        | 2,160 00 | 2,595 00 |

## COUNTY OF RENFREW AND LANARK DIVISIONS.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.      | 1882.    | 1883.    | 1884.    |
|---------------------|----------|----------|----------|
| Whitefish..... Lbs. | 4,200    | 5,700    | 2,700    |
| Trout..... "        | 14,400   | 10,600   | 8,000    |
| Maskinongé..... "   | 9,000    | 10,400   | 5,000    |
| Bass..... "         | 6,200    | 12,400   | 10,000   |
| Pike..... "         | 21,900   | 23,300   | 20,000   |
| Pickeral..... "     | 8,400    | 10,000   | 8,000    |
| Sturgeon..... "     | 2,800    | 11,400   | 10,000   |
| Coarse Fish..... "  | 31,400   | 45,000   | 50,000   |
| Totals in lbs.....  | 98,300   | 128,200  | 113,700  |
| Value..... \$       | 4,767 00 | 5,859 00 | 5,236 00 |

## MISSISSIPPI RIVER AND LAKE DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.     | 1882.    | 1883.    | 1884.    |
|--------------------|----------|----------|----------|
| Bass..... Lbs.     | 5,000    | 4,400    | 6,000    |
| Pike..... "        | 33,000   | 26,800   | 27,400   |
| Pickeral..... "    | 400      | 1,800    | 3,400    |
| Coarse Fish..... " | 41,200   | 18,400   | 22,200   |
| Totals in lbs..... | 59,600   | 51,200   | 59,000   |
| Value..... \$      | 2,398 00 | 2,080 00 | 2,600 00 |

## CHARLESTON AND GANANOQUE LAKES DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.     | 1882.  | 1883.  | 1884.    |
|--------------------|--------|--------|----------|
| Trout..... Lbs.    | 2,000  | 1,800  | 2,000    |
| Bass..... "        | 4,000  | 3,400  | 4,400    |
| Pickere!..... "    | .....  | 1,200  | .....    |
| Pike..... "        | 1,000  | .....  | 1,500    |
| Coarse Fish..... " | 20,000 | 25,000 | 25,000   |
| Totals in lbs..... | 29,000 | 31,400 | 32,900   |
| Value..... \$      | 890 00 | 908 00 | 1,249 00 |

## PETERBOROUGH AND VICTORIA DIVISIONS.

COMPARATIVE Statement of the yield and value of the Fisheries in these Divisions.

| Kinds of Fish.         | 1882.     | 1883.     | 1884.       |
|------------------------|-----------|-----------|-------------|
| Whitefish..... Lbs.    | 8,000     | 5,000     | 10,000      |
| Trout..... "           | 25,000    | 21,000    | 27,000      |
| Herring..... Brls.     | 180       | 225       | 70          |
| Maskinongé..... Lbs.   | 133,400   | 168,400   | 174,400     |
| Bass..... "            | 109,200   | 127,600   | 120,000     |
| Pickere!..... "        | .....     | 2,000     | .....       |
| Coarse Fish..... Brls. | 305       | 255       | lbs. 30,000 |
| Totals in lbs.....     | 372,800   | 420,000   | 372,400     |
| Value..... \$          | 19,316 00 | 22,105 00 | 21,874 00   |

## LAKE SCUGOG DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.       | 1882.     | 1883.     | 1884.     |
|----------------------|-----------|-----------|-----------|
| Whitefish..... Lbs.  | 58,400    | 51,200    | 50,000    |
| Trout..... "         | 60,300    | 69,100    | 65,000    |
| Herring..... Brls.   | 72        | 82        | 100       |
| Maskinongé..... Lbs. | 6,000     | 240,000   | 205,000   |
| Bass..... "          | 34,600    | 93,700    | 100,000   |
| Sturgeon..... "      | 2,000     | 4,000     | 10,000    |
| Pike..... "          | .....     | 24,000    | 20,000    |
| Coarse Fish..... "   | .....     | 80,000    | 100,000   |
| Totals in lbs.....   | 175,700   | 578,400   | 570,000   |
| Value..... \$        | 12,192 00 | 33,056 00 | 32,500 00 |



*Overseer Geo. B. McDermot*, who has charge of Lake Scugog and tributary streams, reports a slight increase over the catch of last season. Five poachers were prosecuted for spearing. This will undoubtedly have a good effect on others. Shooting maskinonge in shallow water is a new kind of poaching which this officer has to contend with. It is urged that the enormous quantity of water used by the mills at Lindsay seriously interferes with the increase of fish in Lake Scugog.

#### LAKE SIMCOE DIVISION.

*Overseers L. S. Saunders*, of Barrie, and *Wm. Hastings*, of Roache's Point, report that since the lake was set apart, the fish have become more plentiful. No net licenses were issued, and it is a difficult thing to ascertain the catch with hook-and-line fishing. Mr. Saunders issued 549 angling permits and Mr. Hastings issued 908.

*Overseer R. G. Dalton* made no report.

*Overseer Wm. McDermot*, who has charge of the inland waters of the County of Simcoe, reports signs of improvement in the yield of fish. The quantity caught for home consumption was larger than the year before. Illegal fishing has been almost stopped. Several mill owners were fined for throwing sawdust into the streams. The close-seasons were much better observed than formerly.

#### MUSKOKA DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

| Kinds of Fish.       | 1882.  | 1883.    | 1884.  |
|----------------------|--------|----------|--------|
| Whitefish ..... Lbs. | 23,000 | 20,800   | 18,000 |
| Trout ..... "        | 4,600  | 3,537    | 3,500  |
| Herring ..... Brls.  | 90     | 83       | 90     |
| Bass ..... Lbs.      | 1,400  | 2,418    | 1,600  |
| Pickarel ..... "     | 1,600  | 12,470   | 5,200  |
| Totals in lbs.....   | 48,600 | 55,825   | 46,300 |
| Value ..... \$       | 4,458  | 3,255 24 | 2,578  |

*Overseer W. E. Foot*, who has charge of the inland waters of the Muskoka District, reports fish as plentiful as ever. No violation of the fishery laws came to his notice.

*Overseer C. Roper*, who has charge of Muskoka River and Mary Lake, states that fishing during the past year was satisfactory. The close-season was well observed. This officer apprehends that the attempts made to stock the lakes in his district with pickarel will not be a success, and he recommends to try it again on a larger scale.

No. 9.

## MANITOBA.

WINNIPEG, MAN., 4th March, 1885.

Hon. A. W. McLEAN,  
Minister of Marine and Fisheries.

SIR,—In your letter of the 28th November, 1884, in which you conveyed to me general instructions as to the duties of my office, you requested me to prepare, at as early a date as possible, a general report on the fisheries of this Province.

It may appear that some delay has taken place in my complying with your directions in this respect, but as the subject is a wide one, I have considered it best to make a thorough investigation before reporting to you.

I have therefore occupied my time in utilizing every available source of information and, as previously reported to you, have made one trip on Lake Winnipeg as far north as Beren's River. As a result of my inquiries, I have now the honor to report as follows:

1. As to the varieties of fish in the Province with the localities in which they are found.

Whitefish (*coregonus albus*) frequent the great lakes of the Province, seeks the shallows and spawns in the latter part of September and during October.

Lake sturgeon (*acipenser rubicundus*) frequents Lake Winnipeg—I am not personally aware of any other lake in which it is caught in the Province, though it is said to be obtained in Lake Winnipegosis, in which case it must also frequent Lake Manitoba.

Wall-eyed pike or (*doré*) pickerel. This most excellent fish, considered equal in quality to whitefish, frequents shoaler portions of the great lakes, and in August and September runs up the rivers to seek spawning grounds—spawns in the latter part of September and during October.

Moon-eye (*hyodon tergisus*). This excellent fish, very similar in shape and some distinctive marks to the black bass, is said to have been only seen in our waters during the past two years. In 1884 they were caught and marketed in considerable numbers and sold as black bass. They were chiefly taken in the Red River, south of its junction with the Assiniboine. A gentleman who has paid considerable attention to the matter gives it as his opinion that these fish have gradually found their way from the upper Red River, which some years ago was largely stocked with fish by the authorities of the State of Minnesota.

Lake trout (*salmo conifinis*). This fish has its habitat in the lakes east of Red River, in the Laurentian formation. It is at its best when taken where the water is at a low temperature. It seeks the shallows and spawns in October.

Catfish (*siluridae*). This fish is valuable for food when the waters are cold. It frequents the lakes and rivers through the Province.

Pike or jackfish (*esox lucius*) frequents nearly all the streams and lakes in the Province. Is a fair table fish, though somewhat rank; very destructive to other fish, especially to the whitefish and pickerel.

Gold-eye (*hyodon chrysopsis*). This fish is held by some to belong to the bass, and by others to the perch species. It is a favorite fish for the pan, and at some seasons, especially in the spring, is flaky and good. It comes into considerable consumption, and must be classed as important for food. The various other species of fish found in

the Province, such as the carps, suckers, &c., though marketed, can hardly be said to be important food fishes.

2. Varieties caught, at what seasons and by what means.

The first portion of this heading has been dealt with under the previous heading, that so far scarcely any attention has been paid to the restrictions as to seasons, and the fish have been caught as much during their spawning seasons as out of them, and by all possible means, regardless of the nature of the apparatus.

3. The amount caught for home consumption, with the average market price.

It is impossible at present to give any estimate of the quantity. The average retail prices in Winnipeg during 1884 were, for whitefish, 8 cents per pound; sturgeon, 10 cents per pound; pike, 3 cents per pound.

4. Quantity exported in 1883 and 1884:—

|                 | 1883.       |         | 1884.        |          |
|-----------------|-------------|---------|--------------|----------|
|                 | Quantity.   | Value.  | Quantity.    | Value.   |
| Whitefish ..... | 72,867 lbs. | \$3,041 | 359,000 lbs. | \$14,036 |
| Pike.....       | 51,850 "    | 1,061   | 561,833 "    | 13,855   |
| Pickereel.....  | 2,400 "     | 480     | .....        | .....    |
|                 | 127,117 "   | \$4,582 | 920,833 "    | \$27,894 |

#### RECOMMENDATIONS AND SUGGESTIONS.

*Sturgeon.*—At present there is no close season for this important fish. I would respectfully recommend that the months of May and June be established as the close season.

*Whitefish.*—The close season now is from 20th October to 1st November. This should be extended to from October 1st to 31st October, at the very least. On this point, I would refer to a letter addressed to the Hon. the Minister of Fisheries, by Indian Sub-Agent Quinn, of Indian Lake, Frog Lake, North-West Territory, under date of 28th November, 1884, and which was referred by you to me.

*Pike.*—It is not desirable that any close season be established, as the more of this piratical fish that are taken the better.

*Export.*—I would strongly urge that the exportation of all fish, other than pike and catfish, be prohibited, at least for a few years, for the following reasons:—If exportation is permitted to continue, and the figures I have given show the dimensions this trade has already attained, the fish in the Province will soon become as depleted in number as in the smaller lakes of the United States. The people of the central and north-western States have now to rely entirely, for their great consumption, on Lakes Superior and Michigan, within their own territory, and on any extraneous supply, such as that which is now being sent from this Province. Our supply, at amply remunerative prices, will be consumed by domestic requirements. A supply to foreign markets, from our by no means inexhaustible lakes, would, in a few years, so deplete them, that a great source of food supply for our present inhabitants and in-coming settlers would be practically destroyed. The importance of the fisheries, as a source for food supply for the Indian population, can hardly be anticipated. Already grave complaints have been made by many Indian agents in consequence of the threatened exhaustion of the fisheries, and I would especially refer you to the following letters on this subject, on file in your Department, viz.:—From the Deputy Superintendent-General of Indian Affairs, dated 13th November, 1884, and from Indian Agent Hourigan, of Rat Portage, dated December 9th, 1884.

#### INDIAN RESERVES.

Several agents of the Indian Department have urged on me the importance of fishing reserves for exclusive Indian use, being set apart. I am strongly convinced of the importance of this question, and would urge that their suggestions be acted on.

## LICENSES.

I understand that a large number of applications are on file in the Department for fishery licenses. It appears to me most necessary that some policy should be decided on, in this matter, as soon as practicable, so that definite limits may be set apart and a revenue derived.

## FISH-WAYS.

None are provided in the mill dams on the various streams. Under date of 14th November, 1884, the Superintendent-General of Indian Affairs called your attention to the fact that owing to the absence of a fish-way at Birtle, on the Bird Tail Creek, fish were altogether kept from ascending that stream. I have ascertained that this is the fact, and so reported to you on 16th December, 1884.

By the circular respecting the construction of fish-ways, sent me by you, under date of 20th January, 1885, I observe that I have no power to order the construction of fish-ways, but am required to make a specific report to the Department on each case. I have already been informed of the existence of a number of obstructions in various parts of the Province, and in order to carry out the intention of the circular referred to, I shall require to visit each stream. I beg to ask for instructions as to proceeding on such a general inspection.

## SAWDUST AND MILL RUBBISH.

The provisions in this respect having been almost entirely ignored, I addressed you specially on this subject, 16th December, 1884, and having received the posters you sent to me, have distributed a portion of them to the owners of saw mills throughout the Province.

As the fishery regulations are scarcely known to the public here, I would suggest that a synopsis of them be advertised.

I have the honour to be, Sir,

Your obedient servant,

ALEX. McQUEEN,

*Inspector of Fisheries.*

## APPENDIX No. 10.

REPORT OF COMMANDER ANDREW R. GORDON ON THE FISHERIES  
OF HUDSON'S BAY.

TORONTO, 24th October, 1884.

To the Honorable

A. W. McLELAN,

Minister of Marine and Fisheries.

SIR,—I have the honor to report in reference to the fisheries of Hudson's Bay and Strait:

1. That the economic mammals and fish of those waters consist of whales, white whales (porpoise), walrus, narwhals, seals, salmon, trout, cod and a variety of small fish.

2. That the only fishing industries developed thus far, are the whale fishery by the Americans, and the porpoise, walrus, salmon and trout fisheries of the Hudson's Bay Company.

3. The chief whaling ground frequented, is the Row's Welcome, a vast basin in the northern portion of Hudson's Bay. Here the American whalers, chiefly from Massachusetts and Connecticut, have been conducting a very profitable fishery for more than a quarter of a century, and are still in active operation. I estimate that within the period mentioned, they have secured and exported from these waters, oil and bone to the value of over one million (\$1,000,000) dollars. This estimate is based upon ten whales a year for twenty five years, counting each whale at four thousand (\$4,000) dollars, which is within the mark. The wintering quarters of these whalers is at Marble Island, on the north-western coast of Hudson's Bay. The whaling ships generally leave Massachusetts or Connecticut in July, and reach the island some time in September, and saw out of the ice in June of the following spring. They then press northward as far as the moving ice will permit, until the Welcome is reached, where they fish till the first of September, and then sail for home with their ships well loaded with blubber and bone. One or two whaling vessels winter at Marble Island every year; sometimes more. Although this industry is, as yet, comparatively small, I am persuaded, that from the large profits realised by those engaged in it, from the ample opportunities for its extension, and from the increased attention which is now being directed to the resources of the Hudson's Bay region, a much larger number of vessels will, undoubtedly, be drawn into it at an early day. I am satisfied that there are large numbers of whales in these waters, from the fact that we met with them continually during the cruise of the "Neptune," and because, so far as I can learn, those engaged in the catch have never yet been compelled to return home without a fair cargo. The bark George and Mary (Capt. Fisher), of Connecticut, wintered at the island last season, sawed out of ice on the seventh of June of this year and succeeded in taking three whales in the open waters of the Bay before reaching the Welcome. Considering that five or six of the mammals would complete her cargo, it is easy to see that this fishery is by no means falling off.

4. Of the fisheries carried on by the Hudson's Bay Company, that of the white whale is most extensive. The blubber of these mammals weigh from 200 to 400 pounds each, and is very rich in the finest of oil. Each porpoise is worth about \$100. Last year the company secured nearly 200 in one tide, at Churchill, and a much larger number at Ungava Bay. They have established extensive refineries at several of their northern stations; and, instead of exporting the blubber in bulk, as formerly, they refine it, shipping the pure oil in casks. The porpoise are not shot or

harpooned, as is the case with the walrus and black whale, but are grounded on the flats, in coves, where the tide rises 15 or 20 feet, or more; and where, by means of trap-nets, they are held in check until the water recedes, leaving them high and dry on the rocks and sand. The process is very simple and inexpensive. The company also carries on a walrus fishery, sending two sloops annually from Churchill to two very productive walrus fishing grounds north of Marble Island, where they have never failed to secure as much blubber, ivory and hides as their vessels will carry. They took between 20 and 30 of these animals the present season, which were valued in the aggregate, to over \$7,000. I was furnished with an estimate of the value of the oil secured in, and exported from the Hudson's Bay region last year by the company and the American whalers, which, although I had no means of verifying, is probably much within the mark. It places the value of the export at \$150,000, or \$1,500,000, for the past ten years. I am satisfied that the walrus and porpoise fisheries may be developed to almost any extent; and, as increased attention is sure now to be attracted to this industry, we may rely upon its almost immediate extension. We met with walrus in great numbers at the western end of the strait. In one afternoon, while steaming from Cape Degges to Nottingham Island, we passed between 50 and 100 of them on the ice.

5. The company are also engaged at several points, particularly at Ungava, in the salmon and trout fisheries. These excellent fish abound in vast quantities in nearly all the streams, and are generally most plentiful at certain seasons, just above and near to the head of the tide where the salt and fresh waters mingle. From what I could learn of this industry, I concluded that it is but the beginning of what will, in the near future, become a very extensive and profitable business.

6. As yet cod have not been found in the waters of Hudson's Bay on the western portion of the strait, but they are very plentiful in all the coves and inlets on the eastern shore of Ungava Bay.

7. In conclusion, I have the honor to urge, that, in any negotiations concerning your Department with the United States Government, relative to a treaty of reciprocal trade, due allowance should be made for the great value of the fisheries of the Hudson's Bay region. If the Americans are to be permitted to continue in those waters, arrangements should be made by which Canada would receive substantial return for the privilege. I would further suggest that, unless a very large consideration is granted for the right, the Canadian Government should reserve the authority to license the ships and make and enforce such regulations, in regard to the methods of fishing, as will prevent the extermination of whales from our northern waters. I have only to call your attention, in support of this recommendation, to the fact that ten years ago there was a Canadian whaling fleet of over seven sail at Gaspé, annually reaping large returns. But when the Americans came into those waters with explosive bombs and other terrifying and destructive methods for securing whales, these animals were, in a very short time, completely driven out and this industry destroyed.

The Russian Government issues licenses for whalers in the White Sea and regulates the methods of fishing, fining heavily, or confiscating vessels' found fishing without license or infringing the regulations in regard to the catch. And by parity of reasoning, I conclude that the Canadian Government possesses similar rights in Hudson's Bay.

I have the honor to be, Sir,

Your obedient servant,

ANDREW R. GORDON, *Lieut. R. N.*

*Commanding Hudson Bay Expedition.*

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SUPPLEMENT No. 2

TO THE

FIRST ANNUAL REPORT OF THE DEPARTMENT OF FISHERIES

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REPORT

ON

FISH-BREEDING

IN THE

DOMINION OF CANADA,

1884.

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Printed by Order of Parliament.

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OTTAWA:  
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1885.





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## FISH BREEDING, 1884.

NEWCASTLE, 31st December, 1884.

The Honourable A. W. McLelan,  
Minister of Marine and Fisheries, Ottawa.

SIR.—The following transactions and remarks relative to artificial fish-breeding in the Dominion of Canada, are herewith submitted.

The general success of the several institutions during 1884, as given below, will be found satisfactory as evidencing the onward progress of the work as a whole, although returns from some of the hatcheries do not show as large a crop of ova laid down, as in the previous year of 1883. The falling off in the quantity of eggs, being occasioned by a less number of parent salmon having been captured at some of the stations, than during the season of 1883.

There are now twelve establishments for the propagation of fish, by the artificial methods, in actual operation in the several Provinces of the Dominion.

These hatcheries are all, at the present time, largely filled with fish eggs, collected at various points throughout Canada, during the spawning season of 1884. The latest one, erected on the Fraser River in British Columbia, was only completed in time to receive its first crop of ova last autumn.

Particulars relative to the rearing and distribution of fry from eleven of the above mentioned nurseries, during the spring of 1884, are herewith submitted in detail; likewise, a descriptive account of the quantities and species of eggs that were laid down in each of the twelve hatcheries last autumn, is given below.

The total number of young fish of various kinds hatched, and turned out of these eleven institutions, into many of the rivers and other waters of Canada in 1884, amounted to 53,143,000; and the total quantity of eggs laid down in all the hatcheries in the fall of 1884, was 66,033,000.

The particular number and description of young fish bred in each of the nurseries in the several Provinces, during the hatching season or spring of 1884, was as follows:—

| Province.        |                        |            |                |
|------------------|------------------------|------------|----------------|
| Sydney Hatchery, | Cape Breton.....       | 1,000,000  | salmon         |
| Bedford "        | Nova Scotia.....       | 1,000,000  | "              |
| Dunk River "     | Prince Edward Island.. | 1,000,000  | "              |
| St. John "       | New Brunswick.....     | 811,000    | "              |
| Miramichi "      | " .....                | 795,000    | "              |
| Restigouche "    | Quebec.....            | 940,000    | "              |
| Gaspé "          | " .....                | 859,000    | "              |
| Tadoussac "      | " .....                | 985,000    | "              |
| Magog "          | " .....                | 100,000    | salmon trout   |
| Newcastle "      | Ontario.....           | 5,150,000  | "              |
| " "              | " .....                | 50,000     | speckled trout |
| " "              | " .....                | 3,500,000  | white fish     |
| " "              | " .....                | 100,000    | black bass     |
| Sandwich "       | " .....                | 27,000,000 | white fish     |
| " "              | " .....                | 10,000,000 | pickerel       |

Grand total of fry of all kinds..... 53,143,000

These were divided by species as follows:—

|  |            |
|--|------------|
| Salmon, "salmo salar" .....              | 7,243,000  |
| Salmon trout, "salmo lacustris" .....    | 5,250,000  |
| Speckled trout, "salmo fontinalis" ..... | 50,000     |
| White-fish, "coregonus albus" .....      | 30,500,000 |
| Pickeral (doré), "lucipercha" .....      | 10,000,000 |
| Black bass, "gristes nigricaus" .....    | 100,000    |
| Grand total.....                         | 53,143,000 |

The particular number and description of fish eggs, laid down in each of the nurseries of the several Provinces during the spawning season, or fall of 1884, was as follows:—

|                                       |                         | Provinces.              |                |  |
|---------------------------------------|-------------------------|-------------------------|----------------|--|
| Fraser River Hatchery,                | British Columbia.....   | 3,000,000               | salmon         |  |
| Sydney                                | " Cape Breton.....      | 931,000                 | "              |  |
| Bedford                               | " Nova Scotia.....      | 800,000                 | "              |  |
| Dunk River                            | " Prince Edward Island. | 1,250,000               | "              |  |
| Miramichi                             | " New Brunswick.....    | 1,000,000               | "              |  |
| St. John River                        | " " .....               | 186,000                 | "              |  |
| Restigouche                           | " Quebec.....           | 700,000                 | "              |  |
| Gaspé                                 | " " .....               | 341,000                 | "              |  |
| Tadoussac                             | " " .....               | 775,000                 | "              |  |
| Magog                                 | " " .....               | No return, salmon trout |                |  |
| Newcastle                             | " Ontario.....          | 4,000,000               | "              |  |
| Newcastle Hatchery                    | " .....                 | 3,000,000               | speckled trout |  |
| do                                    | " .....                 | 3,000,000               | white fish     |  |
| Sandwich                              | " .....                 | 50,000,000              | "              |  |
| Grand total of eggs of all kinds..... |                         | 66,033,000              |                |  |

These were divided by species as follows:—

|  |            |
|--|------------|
| Salmon, "salmo quinnat" .....            | 3,000,000  |
| Salmon, "salmo salar" .....              | 5,983,000  |
| Salmon trout, "salmo lacustris" .....    | 4,000,000  |
| Speckled trout, "salmo fontinalis" ..... | 50,000,000 |
| White-fish, "coregonus albus" .....      | 53,000,000 |
| Grand total.....                         | 66,033,000 |

Details of the operations at each of the hatcheries during the year, will be found in the report of the several officers in charge, in the appendix attached hereto.

### TRANSACTIONS AND REMARKS.

A short descriptive account of the several fish hatcheries is here given from a personal inspection made of several of them last summer; and from a general knowledge previously obtained of the others, and also from information gathered from the correspondence and reports of the officers in charge. Remarks are also offered with the view to further develop the working capacity of these institutions, and specially to dispel, if possible, wrong impressions formed regarding the working of them; and also to offer some practical information as to the nature and some of the habits of salmon, at the time of entering the rivers, for spawning purposes.

## PROVINCE OF BRITISH COLUMBIA.

## I.—FRASER RIVER HATCHERY.

This salmon breeding establishment is situated on the Lower Fraser, at a point some four miles above New Westminster, on the opposite shore. The building was commenced in 1883, and completed during the present year. It is perhaps the most extensive salmon hatchery yet built in Canada. Its location was made, and the final completion of the whole establishment was carried out by Mr. Thomas Mowat, during my connection, and attendance in England with, the work of the Canadian branch of "The Great International Fisheries Exhibition, London, 1883."

Not having had an opportunity of inspecting this institution, I can as yet only speak of its adaptability for the practical work of fish breeding, through the medium of the report of Mr. Mowat, the officer in charge, which gives a satisfactory statement of the operations, and judging also from the quantity of eggs laid down in the hatching trays this season, the institution has made a very creditable commencement. In future years, no, doubt, the numbers of ova will be largely increased, especially when it is known that salmon are obtainable to an unlimited extent in the Fraser River and its tributaries.

It appears that a much less period of time is taken to hatch the "Quinnat" salmon in the waters of the Fraser, than the "Salar" of the rivers of the Maritime Provinces bordering on the Atlantic coast. In the former only about two months are taken to bring out the fry, whilst in the Atlantic rivers five, and six months, elapse before the embryo breaks the shell. This is readily accounted for by the temperature of the water, as it is the medium by which the hatching of the eggs is hastened or retarded. The average temperature of the water in the Restigouche River in New Brunswick, during the two weeks ending the 22nd of November last, was recorded at 35 degrees; and in the Fraser River in British Columbia, for the same period, it was 45 degrees. In a comparison later on, it would be found that, the temperature of the water in the Fraser River would be relatively much higher than in the Restigouche.

Upwards of three millions of ova were obtained for this hatchery. About a quarter of a million of these were taken from the so-called "Suckeye," and the balance from the "Quinnat" salmon. The last named species is considered superior to all others of the salmon family in Pacific waters, for canning and commercial purposes. They do not, however, appear to be as prolific as their congeners in the Atlantic waters. The returns giving only an average of *four thousand eggs* to the Fraser salmon, whilst the average quantity of ova obtained from the Atlantic salmon, at eight hatcheries is reported as about *seven thousand each*. A fair standard of about six hundred and fifty eggs, to every pound of the flesh of the Atlantic salmon, having been pretty well established, leads to the conclusion that, the "Quinnat" salmon of British Columbia are either less in size, or less prolific than the "Salar" of the Atlantic coast.

But the statement given by Mr. Mowat and by others, goes to show that the "Quinnat" are larger than the "Salar." If this be the case (to me doubtful) then the reproductive powers of the Fraser River fish are less by some 50 per cent., than those of the Atlantic rivers. In carrying this line of reasoning further, it will go to prove beyond a doubt, the paramount necessity for enforcing judicious and stringent laws, for the better preservation of these valuable fish in British Columbia; else, the

\*Note.—At the United States salmon breeding station on the McLeod River, California, during the season of 1881, seventeen hundred and twenty-nine (1,729) salmon gave seven million two hundred and seventy thousand (7,270,000) eggs, or an average of four thousand two hundred and five (4,205) eggs to each fish, and the average weight of these fish was eleven and three quarter (11 $\frac{3}{4}$ ) pounds. This gave only three hundred and fifty-eight (358) eggs to every pound of flesh. Whereas an average of between six hundred and seven hundred ova is found in the Atlantic salmon, with a general run of about twelve pounds weight to each.

same disastrous results which have befallen most of the rivers in the Eastern Provinces, will be brought about more quickly. Therefore, it is that, the British Columbians, no doubt, have shown their wisdom in demanding this extensive salmon hatchery for their Province, at this early date, in order to supplement the supplies of these fish which are now being so avariciously destroyed by those who are engaged in their traffic.

Mr. Mowat's report will be found in the appendix, which gives details of the construction of the hatchery, and particulars in relation to capturing parent fish, etc. Total number of eggs collected for this nursery, in the fall of 1884, 3,000,000.

## PROVINCE OF NOVA SCOTIA.

### II.—SYDNEY HATCHERY, CAPE BRETON.

This salmon breeding establishment, erected in 1881, is in good working condition. No expenditure was incurred at this hatchery during the past season, other than to strengthen the dam from which the supply of water is obtained.

The salmon for this institution are, of necessity, procured during the spawning season, from several rivers in Cape Breton. Some of these are near by, others are at considerable distances from the hatchery. The Margaree River, the principal one in which parent fish are captured, is the most distant. On this account, a pond, or reservoir was constructed there, for retaining the parent fish till thoroughly matured. In addition to the Margaree, salmon were secured in the Middle, Sydney, and Salmon rivers; also in Balls Creek.

Three hundred and twenty (320) parent fish were caught to stock the hatchery with eggs; of these one hundred and forty-five (145) were females, and one hundred and seventy-five (175) males. From which was collected nine hundred and thirty-one thousand (931,000 eggs.) These were laid down in the hatchery trays, and from the latest accounts they are progressing most favourably. The average number of ova collected from each female fish, was five thousand three hundred and fifty (5,350); this would indicate the average weight of each fish, at about nine pounds.

One million and fifty thousand (1,050,000) eggs were laid down in the Sydney Hatchery in the fall of 1883. From these eight hundred and fifty-three thousand (853,000) fry were hatched in 1884, and planted in the following rivers and smaller streams, namely: Sydney, Salmon, Morgan and Middle Rivers; Balls Creek, and in Trout, Black, Clerks, Big, and Hatchery Brooks.

|   |         |
|---|---------|
| Total number of fry hatched out spring of 1884.....     | 853,000 |
| Total number of eggs laid down in the fall of 1884..... | 931,000 |

## PROVINCE OF NOVA SCOTIA.

### III.—BEDFORD HATCHERY.

I visited this salmon-breeding establishment in August last, and upon inspection found that parts of the building were very much decayed, more especially the lower floor, sills and hatching troughs, all of which must necessarily be repaired during next summer. The hatchery has been in operation several years, and it is only reasonable to conclude that, where exposure of those parts to dampness is continuous, the woody substance will soon decay.

Instructions were given to make such repairs only as would carry the work of the establishment over the then coming busy season and winter, with the view to making permanent improvements during the slack season of 1885.

Upon consultation with the officer in charge, in relation to the required repairs, it became conclusive to my mind, both as regards economy and durability, that, (1)

A floor for the hatching room made of broken stones (of which plenty were immediately alongside the building) and covered with cement, should replace the present wooden one; (2) A complete new set of hatching troughs was required; (3) The half-constructed reservoir for parent fish should be completed; (4) Increased accommodation for the officer in charge was required. These and other minor matters are essential to the proper working of the Bedford Hatchery, and should be entered upon for early completion next summer.

The work of gathering eggs for this hatchery this autumn has not been so satisfactory as in former years. Two causes are given for this want of success: First, the extreme high water in the early part of the season caused the fish to run far up the stream, beyond the limits of usual operations for capturing them. Secondly, although salmon were said to be plentiful in August and September, in the harbors and estuaries, yet from the continuous drought which followed the earlier rain-fall, the rivers and streams became so very low in October and November (the usual time for capturing fish) that salmon were prevented from ascending the rivers to the points where the spawning tanks were located. Large numbers of eggs were said to have been laid in the tidal waters, where, as a matter of course, they would perish.

Only the small number of ninety-two (92) breeding salmon were obtained for the uses of the Bedford station, seventy-five were females. These gave a total of eight hundred thousand (800,000) eggs, with an average of ten thousand six hundred (10,600) to each female.

Notwithstanding the decrease in the numbers of salmon captured for the uses of this hatchery, it is gratifying to learn from many sources, that the quantities of these fish that entered the rivers of the central parts of the Province were largely in advance of former years, resulting, in a great measure, from the liberal supplies of fry which were planted in them, and bred by artificial means at the Bedford Hatchery. The strongest evidence of this is shown in the Lahave River, where great wonderment was expressed by the inhabitants, at the return of salmon with increased numbers, for the past three years, many of them having been caught below the mill-dams at Bridgewater, where these fish had been almost unknown for many years, or since these dams were built across the river. The fact, however, of some two hundred under-sized salmon, having been caught in 1883, and upwards of five hundred in 1884, and the mill-dams being in the same state as formerly, created considerable surprise, and many surmises were made as to where these salmon originally came from.

Upon investigation, it was found that Mr. A. B. Wilmot, officer in charge of the Bedford Hatchery, had planted some 20,000 salmon fry in the headwaters of the Lahave River, in 1878; and in each year since from 2,000 to 20,000 more have been added. These fry were taken from the hatchery and transported by the Annapolis and Windsor Railway, to a point where it would be most convenient to convey them by waggon to the nearest brooks or feeders of the Lahave River; this was about ten miles. Here the young fry were planted in the full belief that those which would survive the dangers and difficulties that might befall them on their migration down some fifty miles of the Lahave, to the sea, would, when arrived at sufficient maturity to reproduce their species, return again to the same rivers, to carry out this great law of nature. This return to the river from whence they migrated would, by instinctive teaching, be performed with unerring certainty; unless prevented by insurmountable barriers and other obstacles found in their way, such as mill-dams, nets, rivers and such like. It has been held by the inhabitants on this river that salmon had not for many years been known in the Lahave. The mill dams prevented these fish from ascending the river. The female salmon become sufficiently matured to reproduce their species in a period ranging from four to seven years; depending largely upon the supply of food obtainable in their earlier growth in the streams as "Parrs" and "Smolts"; (young salmon before they go to salt water) and, during their sojourn in the sea, arriving at their first state of maturity; the males, as a rule, reaching the same stage a year sooner than the females. It is only in order to reproduce their kind that salmon enter rivers, or fresh waters, at all;

they do not feed in fresh waters, nor in rivers. The salmon taken in the Lahave, in 1883 and 1884, were said to be rather small in size, not up to the standard of the fish in bygone years. Summing up these facts, viz., the absence of salmon in the Lahave for many years, their somewhat numerous return again in 1883 and 1884, their low average as to size, the several mill-dams across the river, forming almost impassable barriers for parent salmon to surmount, consequently forbidding the possibility of eggs being deposited on the natural spawning grounds far up river, then, the fact of several thousands of young artificially bred salmon being put in the upper waters of the Lahave, four and five years previous, all these things cannot but lead to the almost certain conclusion that the usual numbers of salmon caught in the Lahave River, in 1883 and 1884, were the product of the fry put in that river from the Bedford Hatchery in 1878 and following years.

The Liverpool and Port Medway Rivers, on the same coast of Nova Scotia as the Lahave, have also had moderate supplies of young salmon, from the Bedford establishment, put in them; and these rivers are also showing satisfactory signs of improvement. There are no obstacles in the way, such as mill-dams, on the Port Medway River, to prevent salmon from ascending the stream for a considerable distance; and here a most decided increase in the catch of salmon, by netters and anglers, is reported over former years. The direct evidence for a share of this improvement of the Port Medway, cannot be so clearly shown as in the Lahave; in the former, there are no obstacles in the way for parent fish to ascend and deposit their ova on the spawning beds; whilst in the latter this natural method of reproduction is overcome by the obstruction in the way to prevent it. Now, when the fruits of the planting of artificially bred salmon fry in the Lahave are so apparent, why should not the same result be had from the depositing of fry in like manner in the Medway, Liverpool and many other rivers in the country?

One million (1,000,000) of young salmon were hatched out in the Bedford Hatchery last spring from eggs laid down the previous fall. These fry were widely distributed in the rivers of Nova Scotia, and the following named counties were the recipients of them, viz.: Halifax, Hants, King's, Cumberland, Colchester, Pictou, Annapolis, Lunenburg and Yarmouth.

The report of the officer in charge of the Bedford Hatchery will be found in the appendix. It contains matter of much interest in relation to the preservation and improvement of the fisheries of Nova Scotia.

|   |           |
|---|-----------|
| Total of fry hatched out in the spring of 1884..... | 1,000,000 |
| Total of eggs laid down in the fall of 1884.....    | 800,000   |

## PROVINCE OF PRINCE EDWARD ISLAND.

### IV.—DUNK RIVER HATCHERY.

Returns show this hatchery with its appliances, to be in very good repair at the present time. From the effects of an unusually heavy freshet last spring, portions of the reception house for entrapping the fish, were partially injured. This and other small repairs were completed in time for the run of fish, which commenced in October and continued till the 30th of November, when two hundred and twenty (220) salmon were engaged in the pens.

Of these 220 fish, one hundred and sixty (160) were females; the balance were males. From the females, one million two hundred and fifty thousand (1,250,000) eggs were taken, with an average of 7,800 to each female, thus giving to them a standard of 13 lbs. in weight, by the usual calculation of eggs to the pound of flesh.

The officer in charge reports that quite as many eggs were deposited in the natural way, by a large number of salmon in the river below the hatchery, that did not attempt to reach the site of the reception house. Unusual numbers of small-sized fish, and grilse, entered the river during the spawning season.



Smolts, or immature salmon, are mentioned as being very plentiful in the Dunk River, and Wilmot River, near by. The same is said of all the rivers where fry have been planted. Several salmon were taken with the hook and line, near tide water. These accounts give satisfactory indications with regard to the benefits from protection and propagation in the Dunk River.

One million (1,000,000) young salmon were turned out of this hatchery into many of the rivers and streams in the Island, during the past spring; these were the product of the eggs laid down in the fall of 1883. The transport of these young fish, by railway and other means of conveyance, to the several places selected for them, was safely performed. Large supplies were deposited in each of the following rivers:—Dunk, Wilmot, West, Morrell, Brudenell, Montague, Wheatley, Trout No. 10, Trout Newbarton, Hunter; and also several smaller streams.

Total of fry hatched out in the spring of 1884..... .. 1,000,000.

Total of eggs laid down in the fall of 1884,..... .. 1,250,000.

## PROVINCE OF NEW BRUNSWICK.

### V.—ST. JOHN RIVER HATCHERY.

Having made an inspection of this establishment during the past summer, I found everything connected with it in the most perfect order. Its capacity and convenience for the general work of hatching fry and distribution of young fish from it, is unequalled at any of the other locations where institutions of a similar kind have been built in the Maritime Provinces.

The supply of water for breeding purposes is brought by an underground pipe some distance from the main building. Here it was thought advisable to make some improvement in order to prevent the possibility of the action of the frost stopping the full flow of water during the winter. The officer in charge has had this work done, thus making the direct working means of the hatchery most complete.

Whilst this establishment in itself is thus so admirably adapted for its work, the system adopted for procuring parent salmon to supply the hatchery with an adequate number of eggs, is becoming, year by year, less effective. The wholesale destruction of salmon by every possible means, legal and otherwise, in the upper parts of the St. John River and its tributary streams, has so reduced the supplies of breeding fish formerly found in those parts of the river, that it may now be said to be almost an impossibility to obtain even a tithe of the mother fish necessary to stock the nursery with eggs.

In addition to this deplorable want regarding the number of parent fish required for the natural and artificial reproduction of their species, from a pecuniary point also it is really unwise to continue the disheartening trials hitherto practised for capturing parent salmon, even in the Tobique River, which is really the best nursery stream of all the branches of the great St. John River.

Even with the personal efforts of the officer in charge of the hatchery, a thoroughly practical and painstaking man, and extremely zealous to obtain success, and a crew of men, they were, comparatively speaking, unsuccessful in their endeavors to capture a sufficient stock of parent salmon up the Tobique River, and the cost of the few that were caught, if it had been used in the purchase of fish at the harbor fisheries, or even elsewhere, would have secured fully four times the number; thus giving to St. John River Hatchery upwards of half a million (500,000) of eggs, instead of the insignificant quantity now deposited in it. Special reference is drawn to the statement made in the report of the officer in charge of the St. John River Hatchery, which will be found in the appendix, when he refers to the want of necessary protection, and the devising of some other method than the present one, by which a supply of ova may be had for the hatchery under his charge.

As my views on the subject of stocking this hatchery have been so frequently expressed, I will now, only quote one extract from my annual report to your Depart-

ment, published in 1881. The experience had since, convinces me more thoroughly of the necessity of a change, and of the easy accomplishment of that plan, and also the futility of the method now adopted.

"Efforts have thus far proved futile (and it will be useless to continue them) for procuring supplies of salmon ova in the upper parts, or branches of the St. John River. If this fish hatchery is to be carried on, it will be absolutely necessary to obtain the ova for it from the estuary and tidal fishing stations, or else import the eggs from distant points. This latter plan appears very objectionable, in the face of the fact of the easy means which are open for procuring an adequate number of salmon from the trap-nets which are set in the St. John harbor. From information received from reliable sources, salmon, in sufficient numbers to give two or three millions of eggs could be purchased annually from the tidal fishermen.

With all the efforts put forth last autumn, only forty-three (43) salmon were captured by Mr. McCluskey and his men, twenty-five (25) were females and eighteen (18) males. The former gave one hundred and eighty-six thousand eggs, or an average of about seven thousand four hundred each.

These eggs were obtained at very great expense, on account of the more than ordinary difficulties connected with the catching of them, and carriage from the Serpentine River down the Tobique, to the Hatchery. Notwithstanding these difficulties, they are reported as presenting a very satisfactory appearance in the hatchery troughs of the nursery.

There were eight hundred and ninety four thousand (894,000) salmon eggs laid in the troughs of this institution in the fall of 1883. 284,000 of these were collected in the Tobique River; 210,000 were got from the Tadoussac nursery in the Province of Quebec; and 400,000 from the Restigouche Hatchery. The latter number were by far the best. Less of these died during the period of incubation, and they produced larger and more vigorous fry. On account of the Restigouche eggs being obtained in March few losses were sustained, consequently the high average of nearly 90 per cent. of fry from all the eggs in the St. John River Hatchery is accounted for, the gross product being 811,500. These were deposited in the following named waters: The St. John, Tobique, and Salmon Rivers, in Victoria County; Skiff Lake, in York County; Baker's and Emmerson Brooks, Madawaska County; and a large number were put in the Rapid des Femme stream, which feeds the hatchery.

There will be found in the report of the officer in charge of this hatchery, in the appendix, the following paragraph:—

"I desire to refer to a novel occurrence that took place on the Tobique River. It is a well understood fact that, rarely, if ever has it been known that, a salmon would rise to an artificial fly on the Tobique River, but last summer an American gentleman from Boston, killed eighteen salmon with the fly, on the right hand branch. The question now presents itself; has artificial fish culture, by the introduction of fry from other rivers caused this change? I am inclined to think it has."

This circumstance is a peculiar one, especially when hitherto it has always been held that the St. John and Tobique Rivers were not salmon angling streams. It may therefore be, and the statement fairly gives rise to the possibility that, the introduction of a family of salmon, natives of a famous salmon angling river like the Restigouche, into the waters of the above mentioned river for several years past, has brought about this interesting result; and it would also go to show that, if the operations connected with the artificial culture of salmon in the country, capable (to say the least for them) of causing attraction for the angler. How much more must the benefits from the industry be felt by the country at large from a commercial stand point.

Other remarks contained in the report of this officer with regard to the protection of salmon in the St. John and Tobique Rivers, claim the attention of your Department.

|   |         |
|---|---------|
| Total of fry hatched in the spring of 1884..... | 811,000 |
| Total of eggs laid down in fall of 1884.....    | 186,000 |

## VI.—MIRAMICHI HATCHERY, N.B.

This hatchery, among the foremost built, required a good deal of renewing. I thoroughly inspected the whole establishment last summer, and found it necessary to order many repairs; a new foundation throughout, new floor, new hatchery troughs, and other matters of less magnitude required immediate attention to put the establishment in proper working condition for the then coming season's work. These repairs have since been fully completed; as the foundations are now made of cedar, a long time will pass before any further expense will be necessary on these parts of the building at Miramichi.

The system pursued here of capturing parent salmon up river late in the autumn, should be discontinued, and the method adopted and found thoroughly satisfactory at Tadoussac and Gaspé should be applied. There is an extensive pond here of large surface area, with a depth of several feet of water, fed by a constant flowing stream, which should be well adapted for retaining quite a number of salmon. This pond is capable of being easily arranged by the placing of a weir across its outlet, to admit of the influx of the river water at high tides. This, in addition to constant run from the small stream, would materially assist in the further aeration and purification of the pond. No serious difficulty has been experienced in conveying salmon alive to this reservoir, as scows can be floated into the very pond itself at high tides.

There are several very good fishing stations within the distance of a couple of miles of the hatchery leased by your Department to fishermen, who, no doubt, would enter into some satisfactory arrangement by which the salmon caught by them could be kept alive, and then transported in scows to this pond alongside the hatchery.

At present the salmon which are caught late in the fall up river, some twelve and fifteen miles, are carried in cribs or scows down river to the hatchery, therefore it must appear more reasonable that, the stock of parent salmon should be caught at the shorter distance of two or three miles, and floated to the pond in the same manner as has been the case for several years past. An objection is brought against the catching of salmon in the earlier season, when netting is legally permitted, that greater losses would be experienced by keeping the fish through the warmer months in the fresh water pond. This anticipated danger need not prevail to any great extent, particularly if the necessary care were taken to avoid injury to the fish, at the time of their capture, and carriage to the pond; and even should some slight mortality take place from the above method, it would be more than compensated by the certainty of obtaining the necessary stock of parent salmon, and by permitting the fish, which would otherwise be caught by the usual way, to pass up river unmolested (by the operations of the hatchery at least) and deposit their eggs on the spawning beds in the natural way. And for another cause it might be held as more beneficial to obtain the earlier run fish, for an idea now prevails (whether fallacious or otherwise) with some experienced fishdealers that the breeding of young salmon from the very late runs of mother fish, has a tendency (upon the principle that like begets like) to increase the numbers of salmon which enter the rivers after the close season has set in; and not to benefit the catch of early running salmon, which are the fish usually taken for commercial purposes.

Yet again, the most potent reason that may be given, in favor of procuring the early runs of salmon for artificial breeding purposes is that, the fish being captured alive, and so kept until manipulated, and then set at liberty again, leads to the satisfactory conclusion that many of them do return in following years; whereas if not so utilised these same fish would be put in the market for consumption, thus causing their total destruction for reproductive purposes, and resulting in the loss of tens of thousands of ova which would be contained in their bodies. But by the other method these eggs, by being artificially hatched in the breeding houses, would yield a large percentage of your salmon to stock, and otherwise enrich many of the river and tidal fisheries of the country.

From information from the officer in charge of the hatchery, and from many other sources, the catch of salmon in the Miramichi, more especially in the lower parts of the river, is very much on the increase. The fly fishermen give astonishing accounts of the numbers of grilse to be seen in the upper parts of the many branches of this river. During the time of netting parent salmon for this hatchery, last fall, a hundred of these grilse would be swept out of one pool. This marked show of young salmon in the Miramichi and its tributary streams gives the strongest indications of the river being well supplied with young fish, to say the least of it, and this increase must have been brought about from some beneficial cause. Why should not some credit for this be given to the planting of large quantities of salmon fry in the several branches of this river annually, that were bred in the hatchery. But the people say, yes, there is certainly an increase of grilse, and other undersized salmon, but where is the increase in the large or marketable salmon which ought to be in the river? The question is easily answered: If the large or mature salmon are caught so numerously by the trap nets and other engines of destruction, as they really are in the estuary and coast fisheries, it cannot be expected that the usual numbers (or even a moderate supply) of the full grown fish can reach the river. But the grilse and smaller sized salmon do, for they get through the meshes of the nets which are set along the coast. Now, if some limitations or severe restrictions are not put upon these coast nets, which are yearly on the increase, not only will the salmon become less numerous in the rivers, but the general catch along the coast must fail also. Accessions to the demands for using these most destructive engines will soon bring about a serious impoverishment to the whole of the salmon fisheries connected with the Miramichi River, its estuaries and coasts adjacent thereto. The prevailing greed shown by the fishermen, to overdo a fair and legitimate catch of salmon, proportionate to the producing powers of rivers, must sooner or later impel Parliament to enact a law similar to that enforced in England from like causes, namely, "The abolition of the use of all fixed engines for the capture of salmon." It will be found to be utterly useless to protect the salmon rivers of the country, or to propagate fry for them, unless a corresponding amount of wisdom is shown by the Legislature to prevent the inordinate and avaricious desires of the people from destroying these fish to such an extent as to over-ride their powers of reproduction, and ultimately bring about their extermination.

The officer in charge of the Miramichi Hatchery reports the capture of 273 breeding fish. These were netted some distance up the river above tideway. One hundred and thirteen of these were males, and the balance, or 161, were females, which gave 1,000,000 of eggs, upon an average of 6,250 to each spawner. Taking the previously given standard of eggs to the pound, these fish would show a general average in weight of about 10½ pounds. The eggs are reported as progressing favourably at the present time.

The supply of ova secured for this nursery in 1883 was set down at \$50,000. An evident error must have crept in here, as the officer's return now shows a successful distribution of 795,000 fry, as being the product of the hatching in the spring of 1884. These young salmon were conveyed safely to the following waters, namely, the North-West, Big South-West and Little South-West Branches of the Miramichi, the Sevogle and Renons Rivers and Stewart's Brook.

|   |            |
|---|------------|
| Total of fry hatched spring of 1884.....  | 795,000    |
| Total of eggs laid down fall of 1884..... | 1,000,000. |

## PROVINCE OF QUEBEC.

### VII.—RESTIGOUCHE HATCHERY.

This salmon-breeding establishment is located upon one of the finest salmon rivers in the Maritime Provinces. The actual number of fish caught in the fluvial, tidal, and coastal waters, connected with the Restigouche River are not surpassed by

any other, and the commercial benefits to be had from this natural source of wealth, are of the greatest importance, not only to those directly engaged in the local traffic, but also to the country at large.

Upon an inspection of the Restigouche Hatchery, made last summer, it was found that the old building put up many years ago had outlived its period for usefulness, on account of its generally dilapidated state, and the almost total decay of certain portions of the structure, with the tendency of its sides to fall in by the action of frost, as the walls were built against an excavation made in the banks of a small stream. By referring to the Fisheries Report of 1881, it will be found that attention was then drawn to the unsafe and dilapidated condition of this hatchery, and in the same report reference is made to the erection of a very extensive building and dam further up river, to supply the place of the old works. This new establishment when almost completed, was, by orders of your then Commissioner of Fisheries during the summer of 1883, pulled to the ground, and carried in pieces down river some twenty odd miles to "Dee side," the site of the present hatchery. In accordance with Departmental instructions, another site was chosen in August last, upon which to rebuild the several parts of the taken down edifice found suitable for use. The new site consists of about two acres, beautifully situated and very well adapted for a fish breeding establishment. This location increases the area of the property upon which the present old hatchery stands, and takes in the brook for water supply, and also gives free ingress and egress to the main road, and to and from the Restigouche River. This fish-breeding establishment has been put up under the immediate supervision of Mr. Alex. Mowat, who acted upon instructions given to him by me from time to time. It is sufficiently advanced to receive the troughs and other apparatus which will be in readiness to put in place next spring, when the whole establishment will be fully completed for the reception of the forthcoming crop of salmon eggs for the season of 1885. The hatching capacity of this institution will be sufficiently large to accommodate some 6,000,000 and upwards of salmon eggs, and will be considerably in advance as to size and general outfit for all practical purposes for breeding the Atlantic salmon, of any similar institution on this continent, or even in the Old World. When arranging for the work of this hatchery, I also made an inspection of the inclosure or pond used for impounding the parent salmon for supplying this nursery with eggs. This pond is situated at the extreme head of tide water, and is closed in by crib work put across the two ends of a narrow channel, which runs between two islands, in the centre of the Restigouche River. The inclosure is sufficiently spacious to retain a very large number of salmon; with a depth varying from three to twelve feet, and with a fresh current from the main river always passing through, so that a large supply of healthy aerated water is provided for the salmon to roam about in during the summer, and until they are ripe for spawning. The great advantage connected with this large pond or reservoir is its closeness to some of the best fishing stations; where, with proper arrangements being made with the lessees of these grounds, a sufficient stock of breeding fish may be secured, almost with a certainty, from the early "runs" of salmon passing up the river. The present inclosure is capable of being extended to any desired length without any difficulty; as a purchase was made by your Department, which secures the privilege of this channel with a strip of land on the banks of both islands forming the passage. Scows or fishing boats can run up to or even into the pond from the main river at convenience, by which means unusual facilities are given to convey the fish alive, with very small chances of injury, from the stations near by directly to this reception pond.

Another source of convenience, which certainly warrants a more speedy means of recuperation from the exhaustive effects of spawning is secured by the selection of this pond just at the head of tide water. For, after the process of manipulation by the artificial method is performed, the fish are at once put in the open river, and are immediately carried down by the first falling tide to sea, where, from the healthful effects of the salt water, their desire for food returns to them again, and they soon recover from the emaciated state they had contracted from their lengthened sojourn in the fresh water, where, by a peculiarity of the nature of salmon, they do not

take food. Not so, can they so quickly, or surely reach their healthful and natural feeding grounds in the sea when captured on their spawning beds far up river, from which points weeks and months will elapse sometimes before they are enabled to reach salt water. From this latter cause, combined with the daily increasing prostration following the effects of spawning, and long abstinence from food, some fish necessarily die.

This mortality among salmon after spawning in the natural way, shows itself in all rivers and streams, in all parts of the world, in a greater or less degree, according to circumstances. But in rivers where these fish are very abundant, as in the Fraser, Columbia, Sacramento and others on the Pacific coast, it prevails to such an alarming extent, as to give the belief to many of the inhabitants, and, even to some writers, who are considered to be authorities on the subject that, all the salmon there, after passing through the ordeal of spawning die. The only evidence alleged is that, thousands upon thousands of salmon are found floating down these rivers in a dead and dying state. This great death-rate in rivers, where; it is said, salmon are so numerous as to actually crowd themselves from the streams upon dry land, may be somewhat reasonably accounted for, as previously mentioned, namely: From extreme emaciation; from their long and wearied migration up river; from their non-eating propensity in fresh water; \* and from the physical change brought about by

\* NOTE BY MR. WILMOT.—Salmon do not take food on their migration up rivers to their spawning grounds. This view is now almost universally held by all persons practically acquainted with the nature and habits of the salmon. There are, however, some disbelievers of this statement. The following facts are given to sustain Mr. Wilmot's position, viz:—

(1) The stomach of the salmon is found *distended* with food in a half-digested state, when captured beyond the estuaries of rivers and in the sea.

(2) Food is *never* found in the stomach of the salmon above tide water or in the fluvial parts of rivers.

(3) Salmon begin to deteriorate in flesh and in colour, as soon as they enter the fresh water, and continue this falling off until they reach salt water and commence feeding again.

(4) After being in the rivers for a time, from the fat, silvery-coated salmon, they change to a lean, lank, emaciated, dirty, black-looking fish; in many instances after spawning they become so poor and prostrate that great numbers die.

(5) The fatty substance of the body put on in their feeding grounds in the sea, is consumed by internal absorption, to partially sustain the fish on his migration up rivers, and to nourish the growth of the ovaries and milt for maturity, previous to being laid in the spawning beds. The fatty substances of the body thus passing into the ovaries, presents to the eye the small, oily globules seen in the eggs when laid, and forms the food of the embryo fish before, and for a short time after, hatching out.

(6) The writer has seen many salmon opened, and has opened many hundred himself when caught in fresh water, but in no instance was there ever one particle of food found in their stomachs. He has also kept confined in ponds, numbers of salmon before and after spawning for periods of two, eight, and twelve months, where natural food was plentiful, yet they never took it, but could, nevertheless, be caught with an artificial fly.

(7) In all cases when opened, the gullet, or entrance to the stomach, seemed, as it were, from its closely contracted appearance, to forbid the possibility of food of any kind passing through it.

(8) The great numbers of salmon that enter many of our rivers would, if they took food to sustain their large bodies, consume at one single meal every living creature in the river that would be adapted for them to eat—yet in many instances, and in many rivers, salmon are from one to five and six months in the fresh water, on their journeys to their spawning grounds.

(9) In the Fraser and other rivers on the Pacific slope salmon are so abundant in them as to actually crowd themselves upon the banks. *Query*—Where and how could it be possible for these vast shoals of salmon to procure sufficient food to sustain them in the narrow confines of the river? On the contrary they become lean, exhausted, and after spawning die in thousands from sheer emaciation.

(10) It is well known by anglers that when salmon are taken with the fly, the hook is seldom found deep in the mouth, and *never* in the gullet, but almost invariably the fish is hooked on the inner or outer sides of the jaw, and now and then in the tongue. If taken voraciously for food, why not find the hook in the gullet, as in trout and other fish that actually take it for food by swallowing the bait?

(11) It may be asked, then, why do salmon rise to the fly at all if not for food? It is the exception, not the rule, to take salmon with the fly; they take it sometimes in anger when crossing their vision; and, sometimes from a sportive mood, in seeing a luring, dangling object above them. Dozens, yes, hundreds of salmon are often seen in pools by the angler, who may cast over them for days without taking a fish, and then, perchance, some morning or evening he may hook one, two, and sometimes more. Now, if these took the fly for food, why not capture many more of the hundreds that certainly ought to be in the same eating mood as their fellows who were taken?

(12) The sequel is here: By a wise ordination of Providence salmon are not permitted, by an instinctive feeling in their nature, to feed upon their own offspring, and in the very same nurseries, too, in which they had at a former period laid their eggs to reproduce their species. Did the salmon feed in the rivers and other streams which are their *breeding grounds*, in like manner as in the sea, which is their *feeding ground*, the beautiful aim of nature to safely maintain their species would be

the emission of the ova and milt from their bodies, culminating, at last, in a great many instances, in utter prostration, and finally death. But, to hold that the great law of nature with all creatures, "to multiply and replenish their kind," shall be so subverted in the case of the salmon as to cause all those frequenting the Pacific rivers to die at the time, or immediately after the period of spawning, cannot be admitted, nor is it so. Whilst statements are often made that thousands of sickly, dying and dead salmon are seen floating down these rivers, nothing is told of the many thousands of the more healthy ones that are *unseen* beneath the surface of these large rapid, turbid rivers, in the swollen bodies of which from freshets at that time of the year, the salmon are carried almost perforce down to the ocean, when in due time they recruit themselves, and are again prepared to renew this annual demand upon their nature in order to maintain their species. If the theory were true that all these salmon died in the rivers after spawning, their race must have become extinct long before this. It is considered opportune to refer to this singular mortality among salmon, with the view to impart some information on the subject to fishermen and others who may not be aware of the fact; and to rebut in a measure the false statements which have been disseminated broadcast among the inhabitants on the Restigouche River by wickedly disposed opponents to the science of fish culture, who allege that, because a few fish may at times be found dead, dying or sickly in the river, this result has been wholly brought about by operations at the hatchery in handling salmon for artificial purposes. The allegation is not only groundless, but events have shown that it was conceived in wickedness and malice, in order to injure and defame, not only the officers engaged in the work at the hatcheries, but, the very industry itself. How, it may be asked is it that, such great mortality is found among salmon in the Fraser and other rivers on the Pacific slope where hatcheries have never been worked? The same may be said of many of the rivers of Britain where the death rate of salmon is alarming and with no breeding establishments upon them either.

In further evidence of the remarks which I have made on this subject, I here quote the statement of Mr. Lumsden, Superintendent of the Tay salmon fishing in Scotland, who speaks of the Tay fishing in November and December just past, as follows:—"The salmon disease has again proved very destructive. During the fishing season the salmon were supposed to be quite free from the disorder; but unfortunately when netting operations for the collection of eggs for scientific purposes commenced, many fish were taken suffering from the fungus, and as time went on the number of diseased fish increased. During November and December as many as (704) seven hundred and four salmon, grise and trout were found dead in the river. \* \* \* \* \*

#### Capturing Parent Salmon.

There were (186) one hundred and eighty-six parent salmon obtained from the net which was set at the newly formed stand, close by the reception pond at the head of tide water. This fishing station was never used before. The fishermen considering it of little or no use, on account of its situation being in a shallow channel, up which, only a few straggling fish were supposed to pass; at the time of selecting the site for the reservoir, just along this blind channel (as it were) of the river, it was thought expedient to make a trial of this place, and learn whether salmon could be caught in any numbers there by setting a net, with a proper trap affixed to it. This idea has proved satisfactory in a greater degree than originally contemplated; for during the past season the above mentioned number of salmon was actually taken in this channel; unfortunately, however, they were all small sized fish, a large number being *grise*. It would appear that the large, full grown salmon, take the two larger

thwarted. For the countless thousands of these large, (at other times) voracious fish on their journey up to their nurseries to reproduce their kind, would meet their broods of young of the former years coming down as "parrs," as "smolts," to the sea and devour them, thus actually destroying the very object for which the Great Creator had originally so wisely ordained all things.

and deeper parts of the river, called the north and south channels. In each of these, several important fishing stations are located. They are held by lessees from your Department, with whom from the first it was contemplated to make arrangements by which the necessary supplies (over and above those taken at our station) of salmon would be obtained to stock the hatchery with eggs.

At the present time negotiations are in progress by which two of the best salmon stands on the north channel, quite near to the retaining pond, will be obtained. From these, judging from the usual annual returns of fish taken at them, it is confidently expected that ample supplies of breeding salmon will always be had in future years.

Of the above number of fish secured, only seventy-eight (78) were females; the balance were made up of males and grilse, and the fish throughout were of an unusually small size; consequently they yielded a less number of eggs than the average quantity generally obtained from the Restigouche salmon. Seven hundred thousand (700,000) ova were the total number gathered. These were deposited in the hatchery at Deeside, where, from last accounts, they were in a healthy state and doing very well. The returns show a crop of nine hundred and forty thousand (940,000) salmon fry, from the eggs laid down in the fall of 1883. These were distributed widely. Two hundred thousand (200,000) were put in the Nipissiquit River through the instrumentality of Mr. Burns, M.P., for Gloucester County. The work of planting these fry was performed most satisfactorily, being aided by the zealous efforts and personal assistance of J. DeWolf Spurr, Esq., of St. John. This gentleman expressed great satisfaction with the healthy state of the young fish after their journey by railway from Metapedia, and the safe delivery of them afterwards in the upper parts of the Nipissiquit river. In addition to this lot of fry, and the forwarding of 400,000 eggs to the St. John river hatchery, there remained some 740,000 fry, which were planted in the waters of the Patapedia, Upsalquitch, Metapedia and main Restigouche, making a total of 940,000 fry and 400,000 vitalized eggs put out of this hatchery in 1884.

|   |         |
|---|---------|
| Total of fry hatched spring of 1884.....  | 940,000 |
| Total of eggs laid down fall of 1884..... | 700,000 |

NOTE.—In the report on the Restigouche Hatchery in the appendix will be found very pertinent remarks concerning the irregular returns of salmon caught by the nets; and the excessive fishing carried on by trap-nets along the coast. A record is also given of the catch of salmon by anglers on the Restigouche, which gives the number taken at seventeen hundred (1,700) fish, weighing 37,000 pounds, or an average of about 21 $\frac{3}{4}$  pounds each.

#### VIII.—GASPÉ HATCHERY, P. Q.

This institution for salmon breeding, situated on the estuary of the Dartmouth River, about three miles from Gaspé Basin, was visited by me in company with Yourself in July last. Upon an inspection of the hatchery, it was found necessary to order certain repairs. The lower floor required renewing throughout. New hatching troughs were required; other matters of minor importance needed overhauling. The improvements were at once entered upon, and were completed in time for the autumn work of laying in the stock of eggs. The officer in charge now reports the hatchery in good working order.

The retaining pond in which the parent salmon are kept till ripe for spawning, is formed by taking in a portion of a small brook several miles up river from the site of the hatchery. This inclosure has been in use for retaining salmon for several years, and has proved very satisfactory. The plan pursued is to catch the salmon from the early runs going up the Dartmouth River in June and July, by means of a trap net set just at the head of the tide water. The fish are carefully taken from the trap and put into scows through which the water passes freely, and then floated



to the retaining pond, and there kept till required for spawning purposes in October and November. They are then returned to the river when they quickly go to sea.

At the time of inspecting these works an unusually heavy freshet was running, which prevented the possibility of seeing the whole complement of fish that had been put in the pen. A small breakage was noticed in the pond, through which during the very high water some few fish no doubt must have escaped. This method of impounding parent salmon for spawning purposes is by all odds superior to the slavish and injurious plan of capturing them on the spawning beds up river late in the autumn, and wherever found practicable to apply the pond system, to any or all of the hatcheries, it should be adopted, and if it were possible to construct these ponds in places where purely tidal salt water would freely ebb and flow through them, they would be found to answer the purpose much better for keeping salmon free from disease of any kind, than when retained in fresh water, on account of the greater salubrity of the salt water for sustaining health and vigour in the fish until required for spawning. Ten years' trial in keeping parent salmon in a salt water pond at the Tadoussac Hatchery in Quebec, has proved this system to be the most effective beyond all doubt.

The number of salmon netted for the use of the Gaspé Hatchery on the Dartmouth River was smaller than usual, occasioned by the necessity of taking up the net during the prevalence for some time, of an unprecedented freshet in the river in July last; the only one hundred and five (105) were taken and twenty of these escaped from the pond during the freshet, leaving only 85; of these 38 were females and 47 were males; the former gave two hundred and forty-five thousand (245,000) eggs. In order to supplement the Dartmouth River supply, twenty-six (26) salmon were netted in the Barachois River, late in the season, fifteen of these were females; they gave ninety-six thousand (96,000) eggs, thus making the total number of ova for the Gaspé Hatchery, three hundred and forty-one thousand (341,000) forming an average to each fish of six thousand four hundred and thirty (6,430) eggs. The officer in charge reports the stock of eggs in good condition at the present time. A large percentage of young fish were hatched from the ova laid down the previous season of 1883; eight hundred and fifty-nine thousand (859,000) salmon fry were distributed from the Gaspé Hatchery, in the spring of 1884 in the Dartmouth, York, St. John, and Grand Rivers, in the County of Gaspé. A satisfactory evidence is here given of the benefits arising from the planting of young salmon in the Grand River which were obtained from the hatchery. Colonel Walker, a well known angler, is lessee of the Grand River, he writes thus: "I think it an ascertained fact beyond doubt that, the majority of salmon now being caught in this river, are the result of stocking it with fry from the Gaspé Hatchery."

|   |         |
|---|---------|
| Total of fry turned out spring 1884.....  | 859,000 |
| Total of eggs laid down fall of 1884..... | 341,000 |

#### IX.—TADOUSSAC HATCHERY.

This establishment is located alongside a little nook, or cove, surrounded by the rocky banks of the Saguenay River, just at its entrance into the St. Lawrence. The works are somewhat extensively formed here, consisting of a large building with two floors fitted up with hatching troughs, tanks and other apparatus, for conveniently breeding young salmon on an extensive scale.

The building stands upon a pier or wharf alongside which the Saguenay River steamers regularly call during navigation. The water for hatching purposes is supplied from a small lake among the rocky hills in the rear, at an elevation much higher than the site of the hatchery. A small brook forms the outlet of the lake, and runs through a deep fissure of the rocks, where several small nursery ponds are formed at intervals. From thence it is carried by means of an inclosed dall into the

building, and through the breeding troughs, and thence falls directly into the little salt water cove, or tidal waters of the Saguenay.

This small cove, or inlet, covers an area of about an acre, and is shut off from the open river by a weir across its outlet, thus forming a complete pen, or reservoir, in which the parent salmon are securely kept from May and June till spawning time in October and November. The ordinary tides here are about six feet, and at the ebb and flow rush rapidly in and out through a narrow gateway in the weir, forming, as it were, the rapid current of a river, in which, during the running of the tides, the salmon leap and play about, as if in their native river.

These salmon are captured in the ordinary kind of nets set along the coasts, only having small meshes in the trap, which prevents injury from gilling, and from abrasions, so frequently caused by the usual regulation nets; they are then carried in lattice work scows to the cove, where they remain during the whole season in purely salt water; and it is found, after a thoroughly practical trial of this system for many years at this establishment, that not only are losses of the fish hardly known, but it is also an ascertained fact that these parent fish are less liable to disease of any kind, and that their eggs are fully more certain of impregnation, than where collected at any of the other establishments. From these well established facts the recommendations in the foregoing report upon the Gaspé Hatchery were offered, viz: "That salt water reservoirs should be built in connection with such of the salmon nurseries, where it would be found practicable to do so." It has nevertheless been held by scientists and others who have written, or expressed opinions on the nature and habits of the salmon, that the ovaries of these fish would not mature in salt water; basing their conclusions, very justly too, upon the well-known fact that these fish invariably resort to the fresh water parts of rivers and streams to form their nests and lay their eggs, and also that a sojourn of some indefinite period of time in fresh water was absolutely requisite to ripen the eggs sufficiently for due impregnation at the time of spawning. The operations at the Tadoussac Salmon Hatchery, have undoubtedly upset this old theory. Not only are the experiments at this nursery conclusive upon this subject, but it may be also added that, from a practical study of the habits of the salmon, it has been found that, at many of the smaller streams which empty directly into the sea, salmon will remain outside in the salt water till October and November, when, at the full maturity of their ova and milt, they will rush up these streams, forcing themselves at times almost out of the water on the shallows and bars formed from drought and other causes, and in some cases they will only spend a few days, or even hours, in the performance of spawning, and then return to sea again.

This hatchery, with its reservoir, dams, ponds and works generally, were thoroughly inspected by me, in company with Yourself, in July last. The usual annual cleaning of troughs, varnishing of trays, etc., was then going on. Some small repairs were requisite upon the dams which formed the small nursery ponds. The general status of the whole establishment, however, was at that time satisfactory. Some casualties are reported since from the results of a heavy gale, and high tides in the middle of November, doing damage to the wharves around the building. This, with some repairs to the floors and tanks in the hatchery, will be required next year. The isolated position of these works, shut up as it were from the outer world from the close to the opening of navigation, making seven or eight months of almost arctic weather, gives additional anxiety to the officer in charge of this hatchery for its safety during the inclemency of winter. From the cautious forethought, however, of Mr. Radford, success has very fairly attended this institution from its commencement.

Two hundred and seven (207) parent salmon were caught outside the Saguenay, in the St. Lawrence, and placed in the cove, or reservoir above mentioned. The stormy weather prevented satisfactory fishing with the nets, and reduced the usual catch of fish for this nursery. Here, as well as at all the hatcheries, the salmon proved to be of smaller size than in former years. One hundred and seven (107) were females; from these seven hundred and seventy-five thousand (775,000) eggs were

placed on the hatching trays. An average of seven thousand two hundred and fifty (7,250) eggs were got from each female. They were under-sized fish, only averaging about eleven pounds each. The officer reports these eggs in good condition, with a very slight percentage of loss up to the present time.

Nine hundred and eighty-five thousand (985,000) salmon fry were distributed from the Tadoussac Hatchery during the season of 1884, in the following rivers: St. Margaret North-West Branch, St. Margaret North-East Branch, Petit Saguenay, L'Anse St. Jean, and Petit Isle Rivers, and in the small streams running into the lake, and nursery ponds near the hatchery.

Total number of fry turned out in spring of 1884..... 985,000

Total number of eggs laid down in the fall of 1884..... 775,000

#### X. — MAGOG HATCHERY.

The original Magog Hatchery was built at the outlet of Lake Memphramagog on the Magog River. It was intended more especially for the artificial breeding of the salmon trout, commonly called "*lunge*" in the Eastern Townships of Quebec. The works were nevertheless well adapted for the rearing of other descriptions of fish. White-fish, salmon, and trout eggs, in large numbers have been sent to this establishment from its commencement with success, from the Newcastle Hatchery in Ontario.

The site originally selected and built upon proved to be well adapted for fish breeding purposes, having every convenience necessary. But from the action of the company owning the surrounding property and water privileges, the first site was changed for one lower down the river. The location of this new site, and all matters relating to the substituted establishment were selected, and carried out by your late commissioner, W. F. Whitcher. I cannot speak from personal knowledge of anything relating to these newly erected works, as I have not seen them. The officer in charge however, reports "everything in good order so far as relates to the hatchery buildings, machinery, and water; but, still further work in the building of fences around the grounds, and the construction of pens, may be required."

The extensive chain of lakes and streams, so widely spread throughout the region of the Eastern Townships, once famous for their abundant supplies of fish, but latterly almost depleted, urgently demand the most vigorous application of the law, for their protection. Strenuous efforts should also be put forth to restock and improve these waters, with the more valuable kinds of fish, both by the natural, and artificial methods of propagation.

The operations at the Magog establishment in the fall of 1883, amounted to a catch of one hundred and eighty (180) salmon trout (*lunge*). The female portion of these, gave one hundred and fifty thousand (150,000) eggs, which were laid on the trays. Difficulties of an unfortunate nature transpired with these eggs, brought about by the "Magog Water Company" only partially completing their lower dams, which prevented operations being carried on in the new hatchery, and also seriously affected the work in the old one by overflowing the floors at times several feet in depth; eventually necessitating, as the officer in charge reports, "the planting of the fry before their full development in Lake Memphramagog."

The business of catching parent fish last fall in Lake Memphramagog was somewhat unsuccessful, on account of stormy weather, which prevented the use of nets at the time the fish were on the shoals and spawning grounds; consequently a very trifling supply of eggs had been obtained, and the officer in charge reports that:—"He will have to depend upon other sources for a supply of eggs."

With regard to the benefits which have resulted from the work already done at the Magog Hatchery, reference is made to several letters in the Magog report in the Appendix, where it will be found that satisfactory statements are given by several residents relative to improvements in the fisheries, and credit is there given to the Magog Hatchery for a large share of this success.

## PROVINCE OF ONTARIO.

## XI.—NEWCASTLE HATCHERY.

This establishment was the primary institution built in Canada for the artificial propagation of fish. At first it was commenced in a small way, as an experimental nursery for rearing salmon. This first venture proved to be of an eminently practical and satisfactory character, and has been applied since to the several Provinces in the Dominion by the construction and complete working of twelve fish-breeding establishments.

The original experiments with salmon eggs quickly spread to other species of fish, such as white fish, salmon trout, pickerel (dore, or wall-eyed pike), black bass, and other fresh water fishes. The ova of these fish have been extensively hatched at the Newcastle Hatchery, where the operations have grown to the rearing and distributing of many millions of fry annually.

Of late years the whole working capacity of this hatchery has been directed to breeding fish of the greatest commercial importance to, and most suitable for, the waters of the inland lakes and rivers of Ontario; consequently the rearing of salmon has not been pursued here for several years past. Being of the anadromous or migratory species, they enter streams to lay their eggs for reproductive purposes. These breeding streams have become so changed of late in temperature and purity during the hot summer months as to cause the death of young salmon; hence the discontinuance of artificially breeding a description of fish in this nursery that practical experience has shown cannot withstand the climatic effects upon the generally reduced flow of water in the streams of Ontario.

From the experiments worked out at this establishment, a thoroughly practical system of artificial fish culture has been originated in Canada, and many of the most highly approved kinds of apparatus used in fish-breeding have been invented. This system and these appliances are used in all the establishments of the Dominion; and likewise in many other fish-breeding institutions in different parts of the world. A complete working section of the system in use at this nursery was put in operation at the "Great International Fisheries Exhibition, London, 1883," where its practical utility and superiority over all other methods was demonstrated by the hatching of young salmon, and growing them to parrs, during the six months period of the exhibition, and by obtaining the gold medal and diploma for the best and most complete fish-breeding establishment in the exhibition.

*Repairs to Building.*

It was found absolutely necessary to make many repairs and renewals of certain parts of the building and machinery connected with this hatchery. The constant moisture to the sills, floors, and parts of the building during the past twelve years, had produced decay to such an extent as to demand a complete renewal. This work, together with making new hatching troughs and tanks throughout, and repairing of conducting pipes and waterworks, was performed during the past summer. These improvements now put the hatchery in a perfect and permanent position, and will ensure its reliability for all purposes for many years to come.

With the increased demand for young fish from this establishment for stocking numerous waters in Ontario, and for the greater safety for keeping them in a more healthy state after emerging from the egg, until the time for distributing them; and for supplying the ponds with colder and purer water than is obtainable at the present time; it will be found absolutely necessary to devise means for procuring a certain supply of pure spring or well water, and the only plan which presents itself to accomplish this end is the boring for an artesian well, from which it is contemplated this want of pure water would be overcome. These artesian wells are now being utilized in many sections of the country, and are cheaply made; one sunk here would render essential service in the proper working of this establishment, and should be entered upon at once, or so soon as the early spring will permit.

*Carp Ponds.*

Demands for carp to stock waters in the Dominion are being frequently made. To meet this want it will be necessary to improve the present ponds by deepening them sufficiently to ensure the safety of the parent fish against the extreme frosts of winter. A trial was made in breeding these fish in 1881-82 by obtaining a number of very small fry from the carp ponds at Washington, D.C.; these were donated to your Department by the kindness of Prof. Baird, whose generosity in similar matters has often been experienced on former occasions. Some of these carp grew very rapidly during the first summer, but nearly all succumbed, from the ice penetrating to the bottom of these very shallow ponds, by the severity of the winter. A few specimens were found in the spring of 1883 weighing a couple of pounds, which shows the rapid growth of these fish even under adverse circumstances; there is no doubt if the ponds had been sufficiently deep in the centre to prevent freezing to the bottom, large quantities of these fish could have been distributed throughout the country from the stock originally obtained. The carp are very prolific and flourish even in turbid waters of a high temperature; on this account they would be well adapted for many waters in this country unsuitable now for the rearing of the salmon family. The expense in deepening these ponds would not be much; by drawing off the water in the early spring, exposure to the sun would dry them up sufficiently when the work could be performed cheaply and expeditiously during next summer.

*Collecting Eggs.*

Increasing difficulties are being experienced annually in relation to procuring requisite supplies of salmon trout eggs for the uses of the Newcastle Hatchery; with the more numerous demands that are made every season by Representatives from all parts of the Province to procure young fish to stock and improve the rapidly declining fisheries of the country, comes also from certain localities strong opposition to the system pursued by your Department in granting permits to officers of this institution to obtain fish and fishspawn during the close time.

In meeting these objections which, if literally applied to all the fisheries of the country, and if by "close time" is meant "spawning time," which no doubt was the original intention of the term; then the objections hold good, and the admitted injury to the fisheries from this cause should be immediately prevented. For it is conclusive to the minds of all persons practically acquainted with the fisheries of the country and the habits of the fish that, this constant destruction of fish during their breeding seasons has been and is now the chief and paramount cause of the great falling off of the fisheries in many localities, and the total destruction of them in other places; and not until a thorough change is made, with regard to the times and modes of capturing fish in the waters of Ontario (and it may be added in the other Provinces also) together with an absolute enforcement of the law appertaining to the same, beyond the interference of local or party influences, can it be expected that any improvements whatever will take place in the more important fresh water fisheries of the country; but on the contrary they must and will go on declining, year after year, until they become so depleted of the better descriptions of fish as to be wholly given up for commercial purposes.

Notwithstanding the complaints which have been made concerning the taking of fish and fish spawn during the "close time" through permits from your Department, no diminution takes place during the same time in the fishing carried on by the fishermen in the neighbourhood from whence these complaints originate. It is well understood, through a tacit consent of the overseers, that nets which are set in the open season may be taken up during the close season; whereupon every available net is sure to be put down just before the close time commences. Several days may pass before these nets are lifted, especially if stormy weather prevails, which is usually the case about the beginning of November; in this way the nets may remain out during the greater and in some instances the whole period of the close season; so that let the weather be favourable or unfavourable fishing is actually going on,

more or less, during the whole period forming the close season, namely, from the 1st to the 10th of November, thus practically demonstrating the statements generally made and believed in by the fishermen themselves that, rather than have a "close time" so short and "so violated," better not have one at all.

A close time that would prove to be of service for the maintenance of the salmon trout fisheries of the Province, should commence about the 15th or 20th of October, and continue until about the 15th or 20th of November, or it might run to the 1st of January, or the 1st of April following, for practically speaking no fishing can well be, or in fact is, pursued after the 20th of November, on account of cold, inclement weather. Every honest conscientious fisherman will endorse this view of the matter to be correct; and he will furthermore say that the losses in nets, boats, time and fishing gear generally, after the 10th of November, are in the great majority of cases fully more than the profits, and if a close time as above named were made and enforced to the very letter throughout the Province everywhere alike, it would be in their interests to have it done. But as the close time at present is so short and only nominal in its application, and may be kept or violated at pleasure in certain sections of the country, depending upon the nominal surveillance and, in some instances, tacit permission of the fishery overseer, whose occupation may be such and his residence so distant from the fishing point, that little or nothing is known about these infractions of the law.

Some of the more shrewd and crafty fishermen, and others engaged in the fish trade, whose interests are wholly identified with the catch and traffic of fish for the present time only, and not caring for the future welfare of the fisheries of the country, represent to your Department and to the legislators of the country that close seasons for fish are unnecessary; or, if required, they should be so fixed as best not to interfere with the fishing trade, or their avaricious desires to capture them, when most numerous congregated together for actual spawning purposes. Again, they say why hamper us with fishery laws and close seasons, when artificial culture is turning out annually so many millions of young fish from the hatcheries? Here again is another cunning pretext to obtain further license to kill and destroy fish at all times, by putting forth the fallacy that artificial breeding can outdo and supplant nature in the maintenance of the fisheries of the country.

Artificial breeding of fish can be made, and is no doubt a decided auxiliary to the natural production, but its benefits should not be over-rated to such an extent as to make its results fabulous. This view is nevertheless disseminated by persons having directly opposite ends to serve and from different motives. The enthusiastic well-wisher, for the maintenance of the fisheries for the present and the future, on entering the nursery and seeing millions of newly-hatched fry in the breeding troughs, at once heralds forth the idea that the effect of the fish-hatcheries will be to fill the waters of the country again with fish, as of former years. And the greedy calculating fisherman, caring nothing for the benefit of the fisheries in the future, but only how he may obtain the greater number for the present to enrich himself, also becomes the strong advocate of artificial fish-breeding as a speedy means of replenishing the waters; and with this pretext, he pleads for the abrogation of all restrictions and close times for protecting fish, in order to partake of greater freedom in the exercise of his cupidity in the destruction of greater quantities of them.

There are also public and private bodies and individuals, who express much interest for the welfare of the fisheries: each, however, taking in many instances divergent views of the matter. Some corporations in which numbers of fishermen reside advocate fishery laws, and particularly "close seasons," to be so framed as to suit the wants and conveniences of the poor fishermen, as they are styled. These "wants and conveniences" mean simply a greater privilege to capture the pregnant mother fish, laden with fruitful eggs, as they approach the shallower waters near the shores to lay their ova for increasing their species. And so it is with many individuals, who daily see hundreds and hundreds of gravid fish caught and placed in the markets for sale, with thousands of ripe, fruitful eggs streaming from their bodies, and yet pass them by without notice or comment; but if some comparatively trifling

infringement of the law takes place, or if in carrying out a necessary work to supply eggs for the hatcheries, strong objections are raised by fishermen and others for interfering with the Fisheries' Act. But go to the cities and towns, visit the fishing grounds, the wharfs and landing places, where fishermen catch and bring in their fish in October and November, and there will be seen thousands of salmon trout, mother fish, laden with ripe eggs; and the fishing stalls, boats and the men themselves besmeared with ripe fish eggs which have been extruded from the bodies of the fish just captured—yet not a word is said about it.

Now all this could not take place were a "proper close time" established; neither would gravid, unwholesome food of this kind be thrown upon the markets for consumption, and instead of the hundreds of millions of ripe eggs which are destroyed in this way, they would be laid on the natural spawning grounds, where the proportion husbanded by nature would produce immense crops of young fish, which in due time would grow to maturity, and supply a sure means of sustaining a reasonable traffic in fish, not only for the present time, but for the future.

No defence will be put up for taking mature fish from the spawning beds during the close season even for the hatcheries, for in any case the killing of ripe, pregnant fish cannot be upheld. But if the fishermen are allowed to take the salmon trout in thousands upon thousands for the markets of the country during the very hottest period of their spawning time, and also in many cases all through the nominal close season, the securing of a few of these same fish at this time, for stocking the Government hatcheries with eggs, cannot fairly or reasonably be objected to.

But if the exigencies of the case require a change from the method hitherto adopted in getting supplies of ova for the hatcheries, the only course which presents itself as likely to succeed will be to adopt similar measures as are in use at Tadoussac, Gaspé, and the Restigouche for obtaining parent salmon for stocking those institutions with eggs. It will be difficult, however, to conclude until an experiment is made whether the salmon trout of our lakes can be dealt with in like manner as the salmon of the sea, as the latter are of the migratory species, leaving the salt water for fresh water rivers only for breeding purposes, and from the peculiarity of their nature in taking no food while in fresh waters, they can, therefore, be retained in reservoirs or ponds of limited size, without entailing any expense or trouble in keeping them through the summer till spawning time, except protection from marauders and others. The salmon trout on the other hand do not leave the lakes for rivers, but resort to shoals and reefs in certain parts of the lakes, generally near shore, where they congregate in great numbers in order to perfect their spawning operations by close commingling of their sexes. During the summer and up to the spawning time they are constantly feeding. It will, therefore, be somewhat doubtful whether similar success will attend impounding salmon trout in small areas of water for artificial breeding purposes, as has resulted from this procedure with the salmon of the Maritime Provinces.

If therefore it be intended to thoroughly protect and improve the lake fisheries of this Province by setting aside proper "close seasons" to cover the actual spawning times of this most important commercial fish of the lakes, without molestation of any kind; it will be necessary at the same time to make arrangements for securing some suitable inlet, or bay, where it could be surrounded in some manner, so as to form an extensive inclosure, or pen, in which large numbers of salmon-trout could be securely impounded till they became ripe for spawning. This plan would necessitate the procuring of suitable trap-nets, and other material, and also employment of fishermen to work them, in order to capture such numbers of fish during the open season, as might be required to furnish the necessary quantities of eggs for the hatcheries; by these means it might be practicable to satisfy the numerous demands which are annually made upon your Department, for young fish to fill depleted and other waters in the country.

If however on the other hand the same policy is to continue, by having simply a nominal "close time" and that fishermen will still be permitted to kill salmon trout in the same wholesale manner now practised during the spawning time of these fish. Surely the officers of the fish breeding establishments should also be allowed

to continue the system hitherto adopted for getting their supplies of fish-eggs, for the several Government fish hatcheries. With a comparison made of the effect produced upon the fisheries, by these two operations at the spawning time, the result would be that, the fishermen in the capture of every female fish of an average of four pound weight would destroy about three thousand (3,000) fruitful fish eggs, ripe and ready to be laid for multiplying their species. The officer of the fish hatchery might, or might not kill the parent fish, but in either case would save the 3,000 eggs, from which he would return to the waters of the country at the very lowest calculation 2,000 living fry. Further proof, nor reasoning is necessary, to convince even the prejudiced mind, in favour of protecting the valuable food-fishes of the country by establishing proper close seasons in which these fish may escape the inhuman slaughter they are subjected to, while engaged in the very act of multiplying their numbers for the rational, not the avaricious, or destructive uses of mankind.

*Crop of Fry and Eggs.—Season of 1884.*

The quantity of ova obtained for the Newcastle Hatchery the past autumn, was not as great as in 1883. This falling off was occasioned by the great difficulty experienced in getting the ordinary supplies of parent fish at Pigeon Island, in Lake Ontario; and in the Georgian Bay, in Lake Huron; rough, inclement weather prevailed, this coupled with difficulties concerning the taking of eggs in the close season caused a less number of eggs to be gathered. There were, however, about four millions (4,000,000) of salmon trout ova obtained at the above named places; these at the present time are in a very healthy condition. There are also some three and a-half million (3,500,000) of white fish eggs in process of hatching in the incubators; these were obtained from the Sandwich establishment. In addition to these, there are also about fifty thousand (50,000) speckled trout eggs, which were got from the Tadoussac Hatchery. These give a total of seven million five hundred and fifty thousand (7,550,000) eggs of all kinds in the Newcastle Hatchery.

A very large and satisfactory crop of young fish of various species were turned out of this nursery last spring or season of 1884, they were of the following kinds, namely:—

*Salmon trout*—Five million one hundred and fifty thousand (5,150,000).

*White fish*—Three million five hundred thousand (3,500,000).

*Speckled trout*—Fifty thousand (50,000).

*Black bass*—One hundred thousand (100,000).

These fry were distributed (particularly the young salmon trout) in almost every county in Ontario, where water areas were of sufficient magnitude, and of proper adaptation for their future development. Some of the fry were also distributed in the Province of Quebec; and a lot of the white fish ova were sent to lakes in Scotland, at the request of the Marquis of Lorne, where they arrived in splendid condition, and after hatching were placed in some of the Scottish lakes on the Marquis' estates.

Reference is made to the report of the officers in charge, in the Appendix, where a detailed account will be found of the numerous points where young fish were distributed from this hatchery, and where suggestions are offered regarding the plan for the distribution of fry in the future.

|  |           |
|--|-----------|
| Total number of fry of all kinds turned out of this nursery during the season of 1884.....                   | 8,800,000 |
| The total number of fish eggs of all kinds laid down in this hatchery in the fall of 1884, <i>vide</i> ..... | 7,550,000 |



## XII.—SANDWICH HATCHERY.

This somewhat extensive nursery was originally built for the artificial propagation of white fish, but in addition to this species large numbers of lake pickerel (wall-eyed pike, dore) (*lucioperca*) have of late years been hatched at the Sandwich Hatchery. The establishment is located just below the Town of Sandwich, on the Detroit River, and is worked by steam as the motive power for pumping water from the river to run the glass incubators for hatching fish eggs and for all other purposes of the institution.

The glass self-picking jars used here are the outcome from the first and original self-picking and self-cleaning fish egg incubator invented. The primary patent of invention was obtained for Canada and the United States by the Department in April, 1876, in the name of the original inventor as "Wilmot's combined fish egg incubator, "being a self-picker and self-cleaner, worked with an upward or downward flow of water at pleasure; manufactured of metal, glass, or earthenware." Since which time several improvements have been made in the mechanism of the jar or hatching vessel, but the original idea for constructing an automatic fish egg incubator has not been interfered with.

This method is now almost universally adopted as the best appliance for hatching the smaller kinds of fish eggs, and those of a buoyant and semi-buoyant nature. This principle is no doubt yet destined to be the medium, under certain modifications, by which fish eggs of every description will be artificially hatched in the future.

There has been turned out of this hatchery since its commencement, in 1876, up to the present time, upwards of two hundred millions (200,000,000) of young white fish and pickerel. Of this number one hundred and fifty-eight million nine hundred and forty thousand (158,940,000) were white fish and seventy-seven millions (77,000,000) were pickerel; making in all a grand total of two hundred and thirty-five million nine hundred and forty thousand (235,940,000) fry of two valuable descriptions of fish, that are of great commercial importance to the country.

It is too often found that the sceptic in ignorance, party fervour, or self-conceit will decry the very best of undertakings which, just for the time, may not show immediate results to gratify his covetous desires or subvert his envious feelings. This spirit has been shown in some instances in the Dominion against the science of artificial fish-breeding by certain writers and others of that character, simply because they cannot comprehend, nor do they wish to rationally consider the practical bearings of the subject; they merely jump at hasty conclusions, because they cannot, perhaps, either see, catch or enjoy the fruits of an industry just at the call of their own hasty will and pleasure. Nevertheless, here from one establishment alone, within the past few years, an actual saving of upwards of two hundred millions of young fish, bred by this somewhat decried method, have been distributed in many of the waters of the country, everyone of which would otherwise have been irrecoverably lost. Now from this large yield of young fish over and above every other source of production, it must surely be held that, in the ordinary course of nature, a certain percentage of them must not only have reached the adult state to reproduce their species, but also must have materially assisted in upholding the general supply of fish food required for domestic purposes and commercial traffic.

In evidence of the above reasonable conclusion, it may be stated here that certain numbers of the eggs which produced a portion of the above-mentioned quantity of young fry, were transferred from the Sandwich hatchery to other nurseries in the country where the fry were hatched and transported hundreds of miles away to waters in which these fish were not indigenous or in fact were never known before, and there it is known, without doubt, that they have grown to a sufficient size to be caught and used for food. There are instances also in which white fish have grown from the egg state upward to quite a size, even to a pound weight, in small artificial ponds with a surface area of only a few feet. Now, with this undoubted evidence of the growth of artificially bred white-fish from a few thousand of these eggs to edible or adult size in ponds and lakes in which they were not indigenous, what right has

the sceptic or the selfish opponent to artificial fish culture, or in fact anyone to doubt the benefits to be derived from the hundreds of millions of other fry which have for years past been planted in the pure waters of our magnificent lakes where it has always been their habitat for reproductive purposes and all other requirements of their nature.

It is pleasing however to find that, in the immediate neighbourhood of the Sandwich Hatchery, the greatest satisfaction is expressed in favour of its usefulness. A memorial will be found attached to the Sandwich report in the Appendix, setting forth the views entertained by the leading persons of that neighbourhood who "desire to express their belief in the benefits which are derivable, and which have been realised from the large number of young white fish and pickerel which have been bred and turned out from the Government fish hatchery at Sandwich; and further that, the Government in its wisdom is looking to the interests of the people of the country in the maintenance of the said hatchery."

*Distribution of Fry.—Spring of 1884.*

In summing up the operations at Sandwich for the past year it will be found that in the spring of 1884 some ten millions (10,000,000) of young pickerel were hatched there and distributed in the Detroit and St. Clair Rivers, and that in addition to these pickerel fry, twenty-seven millions (27,000,000) of young white fish were bred and planted in the following named places:—At Peach Island, Fighting Island, Bois Blanc Island, Belle Isle, and opposite the hatchery in the Detroit River: at Leamington, Pelee Island, Port Stanley, Pigeon Bay, and at points in Kent County, on Lake Erie: at Meaford, in the Georgian Bay, and at Niagara and other places on Lake Ontario.

*Collection of Eggs.—Fall of 1884.*

During the past fall there was obtained for this hatchery upwards of fifty millions (50,000,000) of white fish eggs. They were collected at the Bois Blanc Island and Stony Island fisheries. These were put in the incubators in good order. The officer in charge says: "These eggs are looking well and are in a healthy condition, and from the satisfactory working of 'Wilmot's Automatic Glass Jars' I expect to hatch a large percentage of fry in the coming spring of 1885."

*Improvements.*

An inspection of the Sandwich establishment was made by me last summer. The steam engine, pumps, machinery and appliances generally, were in a fair state of repair. The recommendations formerly made for procuring another engine to supplement the present one in case of accident, or emergencies of any kind, were more strongly impressed upon me than before; as also the want of a larger conducting pipe for carrying water into the hatchery from the river. These necessities are indispensably requisite to insure perfect safety during the period in which the process of hatching is going on, with the millions of eggs that are put in the incubators of the Sandwich Hatchery annually.

The breakage of any part of the engine from any unforeseen cause, would prevent the working of the pumps and consequently a stoppage of the flow of water through the eggs in the incubators. In the event of any misfortune of this kind, which might take place at any moment, the whole supply of eggs in the nursery would undoubtedly be lost, but with a supplementary engine at hand a disaster of this serious nature would be prevented. With regard to the enlargement of the water supply with the present conductor pipe, temporary repairs have been made to last over the present hatching season, when a new pipe will be laid down next summer.

An additional supply of these "automatic glass incubators" was obtained last fall to meet the requirements of the increased quantity of eggs collected. These jars

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were set up in a temporary manner with the view to their being re-arranged at the time of the general repairs proposed to be made in the establishment next season.

Total number of young white fish turned out in the spring of 1884 27,000,000

Total number of young pickerel turned out in the spring of 1884 10 000,000

Total number of white fish eggs laid down in fall of 1884..... 50,000,000

REMARKS ON THE APPLICATION AND RESULTS OF ARTIFICIAL  
SALMON CULTURE IN THE SALMON FISHERIES IN THE  
MARITIME PROVINCES.

*Artificial Salmon Culture. Its practical application, and results on the Salmon Fisheries in the Dominion of Canada; with extracts from official reports, and remarks thereon.*

The following statement of returns and figures relative to the salmon fisheries of the Maritime Provinces in the Dominion of Canada for 1881, 1882 and 1883, will show the increase in the catch of salmon in districts where artificial propagation has been applied; and the comparative decrease in the salmon fisheries where the operations of the breeding establishments have not been applied.

In order to give information relative to the application of these fishery returns and figures under consideration, and to explain why the official reports of 1881-82 and 1883 are specially referred to, it will be necessary to state that they are the latest public records from which it would be possible to obtain the desired authentic information, and that they also cover the probable periods when the first realisation of beneficial effects would be felt in a limited way from the planting of artificially bred salmon in the rivers and streams of the several fishery districts herein referred to.

These particulars are taken from the official reports forwarded to your Department by the Inspectors of fisheries in these Provinces, and from the returns of numerous fishery overseers, all of whom have no doubt given their information from public motives, and for the general welfare of the fishing districts under their immediate jurisdiction, irrespective, too, in most instances of any knowledge by the overseers of the operations of artificial fish breeding being applied to many of the rivers, streams and fishery divisions reported upon.

It is somewhat remarkable that the fishery reports containing this information had not been examined in a cursory manner, at least, by certain critics before the uncalled for remarks were uttered against artificial fish-breeding by certain representatives in Parliament, by contributors to the press, wholly ignorant of the subject; and by present and past officers of your Department, all of whom, from motives best known to themselves (certainly not in the interests of the country), thought proper to condemn a young and growing industry in the Dominion, before it had reached the full period when its usefulness could be shown and felt; especially, too, when at the same time as a matter of fact, and of history, it was known that unmistakable benefits had resulted from its operations, not only here in Canada but also in many of the leading countries in the world where the science of artificial fish culture was extensively carried on and generously fostered by the State. And furthermore when it was also known that from this industry had sprung "The Great International Fisheries Exhibition, London, 1883"—an exposition unparalleled for its wonderful exhibit of all fishery appliances, and unique as an educator to the world regarding the immense sources of food and of wealth obtainable from the water; at which Canada stood especially foremost among all the nations for her superiority in the practical display of the methods of artificial fish-breeding, and succeeded also in carrying away from all other competitors there the highest possible award—"The Gold Medal and Diploma for the best and most complete Fish-Breeding Establishment in the Exhibition."

The annual reports, and the statistics alluded to will show:—

(1.) That in the fishery divisions of the Counties of Gaspé, Bonaventure, Restigouche, and Gloucester, in the Provinces of Quebec and New Brunswick, which

border upon the Bay des Chaleurs, where the benefits from the Gaspé and Restigouche salmon hatcheries have been regularly applied since their commencement in 1874, and 1875, the official returns from 1881 to 1883, inclusive, show an increase in the catch of salmon in those counties collectively as follows:—

40½ per cent. increase in 1883 over 1881.

34½ per cent. increase in 1883, over 1882.

(2.) That in the Gaspé sub-division, in the Province of Quebec, which takes in the several rivers which have been stocked with salmon fry from the Gaspé Hatchery the official returns from 1881 to 1883 inclusive, show a continuous increase in the catch of salmon there as follows:—

211 per cent. increase in 1883, over 1881.

84 per cent. increase in 1883, over 1882.

68¾ per cent. increase in 1882, over 1881.

(3.) That in the Restigouche sub-divisions, partly in Quebec and New Brunswick, which take in the tidal portions of the Restigouche River, and a part of the estuary fishings; where the proceeds of the Restigouche salmon hatchery have been regularly applied; a steady increase in the salmon catch is shown by the returns as follows:—

41 per cent. increase in 1883, over 1881.

45 per cent. increase in 1883 over 1882.

(4.) That in the North Shore divisions in the Province of Quebec, namely: Godbout, Trinity, Moisie, Mingan, Natashquan, Washeecootai, St. Augustin, and Bonne Espérance; where no benefits from artificial salmon breeding could be applied (except on the Saguenay River); the returns from 1881 to 1883 inclusive, show the catch of salmon to be as follows:—

3¼ per cent. decrease in 1882 under 1881.

24 per cent. decrease in 1883 under 1882.

That while the above named North Shore divisions collectively, show a falling off in the catch of salmon; yet that portion of the Saguenay division, which takes in the salmon fisheries of the Saguenay River; where the proceeds of the Tadoussac Hatchery have been given to its branches; the same returns, within the same years, show an increase as follows:—

66 per cent. increase in 1882 over 1881.

115 per cent. increase in 1883 over 1881.

(6.) That in the Northumberland fishery district in the Province of New Brunswick, which takes in the estuary and river fisheries of the Miramichi River, upon which a salmon-breeding establishment has been in operation since 1875, the returns show an increase from 1881 to 1883, inclusive, in the catch of salmon thus:—

95 per cent. increase in 1882 over 1881.

15 per cent. increase in 1883 over 1881.

(7.) That in the following counties in the Province of Nova Scotia, namely: Annapolis, Cumberland, Colchester, Guysboro, Halifax, Hants, King's, Lunenburg, Pictou and Queen's, in the rivers of which young salmon fry from the Bedford Hatchery have been distributed since 1876. The official returns show a large increase in the salmon fisheries from 1881 to 1883, inclusive, as follows:—

150 per cent. increase in 1882 over 1881.

120 per cent. increase in 1883 over 1881.

(8.) That in the following counties in the Province of Nova Scotia, namely: Antigonish, Cape Breton, Digby, Inverness, Richmond, Shelburne, Victoria and Yarmouth, where salmon fry have not been planted from the hatcheries, the returns show a very small increase in the salmon catch from 1881 to 1883, when compared with the counties where artificially bred fry have been planted, as follows:—

45 per cent. increase in 1882 over 1881.

40 per cent. increase in 1883 over 1881.

Thus it will be seen that in every instance where the localities have received supplies of artificially bred fry, a large increase in the catch of salmon is shown over those that have not received supplies of young salmon from the hatcheries.

Now whilst these official returns for 1881-82 and 1883 give undoubted evidence of an increased catch of salmon in all of the districts in the several Provinces where artificially bred fry *have been planted* since the commencement of their propagation in a small way in 1875-76 and 1877; they also show a decided decrease in the catch of these fish, at the same time, in the several districts where young salmon *have not been planted*. It is nevertheless a deplorable fact that all the salmon fisheries in the Atlantic Provinces have fallen off to an alarming extent from the general returns of former years.

It is not intended to be put forth here that this improvement of the salmon fisheries in the several districts where only moderate supplies of young salmon have been deposited in the rivers from the hatcheries, has been brought about wholly from artificial breeding; and it must not be gainsaid either, that these fish-breeding institutions are not entitled to a fair share of the credit for the results shown by these returns; for it could not so happen by any law or freak of nature of an accidental or co-incidental character that such a preponderating difference could take place between the various waters that were artificially stocked and those that were supplied by the natural process alone. Therefore it is but reasonable to conclude that the improvement in the fishery divisions described must have been the result of the influences of the natural and artificial methods of propagation combined, and this is all that has ever been advocated by the practical, intelligent and honest supporter of the science of artificial fish culture, as being a most useful adjunct, and an important subsidiary aid to the natural method which has been and is now so seriously interfered with by such a multitudinous number of destructive agencies as almost to forbid the possibility or power of man to control.

I cannot find words more apposite to describe the ruin going on in the fisheries, or to give the cause and the remedy for the evil, than in a former report of the Inspector of Fisheries for New Brunswick. I therefore quote briefly from it, where speaking of the alarming decrease in the stock of all anadromous fishes that frequent the waters of that Province, he says:—"They show beyond a doubt that this decrease has been brought about by wasteful and extravagant modes of fishing in some places, and by overfishing and insufficient protection everywhere. They show that these causes are still actually at work—that fishing operations are annually extending, while protection is annually becoming less; that all the causes which follow in the train of rapidly increasing population are in full and increasing activity. They show that everywhere, except where artificial culture has arrested the decrease, the salmon fishing is in the same danger."

#### EXTRACTS FROM ANNUAL REPORTS.

A few extracts are here given, which are taken from the annual reports of the Inspectors of Fisheries from the Maritime Provinces, as they relate to the increase of salmon in certain localities which come under the influences of artificial culture of salmon.

##### PROVINCE OF QUEBEC.

Commander Wakeham, officer in charge of the Fisheries Protection Service in the Gulf and River St. Lawrence, in his report for 1881, says:—

"The first fish were of a large run, and the fishermen looked forward to a successful season, but the fishing soon fell off, and the catch of 1881 is the poorest within the memory of the 'oldest inhabitant.'

"We are quite unable to venture an opinion as to the cause of this great decrease in the number of salmon visiting our fresh water bays and rivers during these last three years. That the falling off in the salmon net fishery has been something alarming during the last three years can be shown by the following table, which includes the whole of the Gulf fishery."

He also says in his report of 1882. "That the fishing season was a poor one; a late spring, stormy and cold, continuous heavy freshets in most of the rivers, in spite of all these drawbacks, the increase in the catch was considerable."

In his report for 1883 he says:—"The salmon fishery on the south shore in the Counties of *Gaspe and Bonaventure*, shows a considerable increase over last year, the gain being upwards of one hundred thousand (100,000) pounds. On the north shore in the County of *Saguenay* the fishing was poor."

#### REMARKS ON THE APPLICATION OF ARTIFICIAL SALMON BREEDING TO THE NORTH AND SOUTH SHORE FISHERIES OF QUEBEC.

It will be noticed from the extracts above quoted from Commander Wakeham's report that, in 1881, the salmon fisheries within his jurisdiction in the north and south shores of the St. Lawrence were *the poorest within the memory of the oldest inhabitant*. At this time and previously, all the rivers within the above mentioned limits must have been supplied with adult fish which were bred in the natural way. But nevertheless from the returns given from the salmon fisheries, they had become reduced very low, in fact *the poorest ever known*. Now this order of things in the almost primitive state of the north shore, could not possibly have been brought about from natural causes alone; and it would be utter folly to advocate this view of the matter, except from selfish motives. But the true causes have been:—The want of proper protection to assist and maintain nature's operations, especially at the breeding times; the greed of fishermen, by over fishing; the unrestricted use of the most deadly engines set everywhere for killing and unduly stopping the fish, on their upward passage to their spawning grounds; and the destroying of large numbers of little immature salmon in weirs and nets along the coast; and strange to relate that, notwithstanding this sad experience, these same destructive agencies for the final extermination of the salmon are still going on.

In the Quebec reports are given the aggregate returns only of all the divisions in the north and south shore fisheries of the Gulf. These divisions are made up of twelve sub-divisions, namely:—Trinity, Moisie, Mingan, Natashquan, Washeccootai, St. Augustine, Bonne Espérance, Port Daniel, New Richmond and Restigouche. The report gives the catch of 1881 as the poorest in the memory of the oldest inhabitant, and that the falling off was somewhat alarming. The report of 1882 says: The increase in the catch was considerable; and that in 1883 the north shore fishing was poor, but in Gaspé and Bonaventure a considerable increase was shown.

Now, if the sub-divisions and smaller localities in this extensive territory, where the operations of artificial fish breeding are known to have been applied, are re-examined closely—the Saguenay River on the north shore, and the Gaspé and Restigouche sub-divisions on the Bay des Chaleurs—a very large increase in the catch of salmon in these localities will be found recorded in these same reports. But unfortunately the general falling off in all the divisions where artificial culture has not been applied almost overwhelms in the aggregate returns of the whole twelve divisions the unmistakable increase so clearly shown to have taken place in the three sub-divisions where the rivers have been stocked with fry from the hatcheries. In a comparison it is found that in the whole twelve divisions, from 1881 to 1883 inclusive, some  $3\frac{1}{2}$  per cent. decrease is shown; whereas in the three sub-divisions when taken alone—the Saguenay River section shows an increase of 115 per cent. from 1881 to 1883, the Gaspé sub-division 211 per cent. from 1881 to 1883, and the Restigouche sub-division 108 $\frac{1}{2}$  per cent. increase is shown to have taken place in the same period.

Now it may be fairly asked, how is it that such a wonderful difference should appear in the catch of salmon in these localities? The question will be best answered by relating the following facts:—In 1875 the first small lot of 60,000 artificially bred fry were turned out from the Tadoussac Hatchery into the tributary branches of the Saguenay River. In 1876 another lot of 150,000, and in 1877 a larger supply of a million and upwards, were distributed in like manner in the Saguenay waters; and this work has been going on regularly ever since. But no young fish have been put

into the rivers (lower down the St. Lawrence) which form the north shore fishery divisions of the Gulf. Again, in 1874 and 1875, the salmon hatching establishments at Gaspé Basin on the Restigouche River commenced planting their first broods of artificially bred fry in the waters of the Gaspé and Restigouche sub-divisions on the Baie des Chaleur. These supplies were small at first, but they grew larger afterwards, and the same system has been continued up to the present time.

From these facts then, it may be claimed justly that the stocking of the waters of the Saguenay, Gaspé and Restigouche Rivers, with artificially bred fry from the above named hatcheries, may (to say the least in their favour) have been the principal agencies in bringing about these greatly increased percentages in the catch of salmon in the fisheries of these sub-divisions, and more especially so, when it is also shown that the decrease in the other sub-divisions where fry had not been planted, although small, was very remarkable.

Another very pertinent question will no doubt be asked, namely: How is it that by planting young salmon in certain rivers in 1874-75 and 1876, they can now be brought in evidence for the increased catches of salmon in the fishery stations referred to? This question may properly be put by persons unacquainted with the nature, habits and growth of the salmon; as the history and the peculiar habits of this fish, with the large masses of the community, and especially with the fishermen (whose principal aim is only to kill them), is but little known, and the latter class are less liable to become converts to the real facts than others, on account of the old traditional ideas and tales which have been handed down from father to son, concerning these fish. For instance, it is held by some of these fishermen that the salmon, after laying their eggs up stream, take back with them their broods of young fish to the sea, to return again the following year as full grown salmon; others claim that only two and three years are requisite for salmon to arrive at maturity. But when told that six, seven, eight and nine years, actually pass before they become adult fish, the statement is disbelieved and held to be a fallacy, not only by the fishermen but by many others of the more incredulous class of persons.

The growth of the salmon from the egg to full maturity is now pretty well established from experiments made in the United States, Ireland, Australia and elsewhere, to take from six to eight years, and in some instances even longer periods of time, depending largely upon the capacity of their native streams to furnish supplies of food for their earlier growth to the stage of smolts, at which time they pass down to the sea, where, again depending upon the abundance in their feeding grounds, they remain a longer or shorter period, till they ripen into full maturity, when by an instinctive demand of nature they migrate to their native streams again to reproduce their species. After performing this necessary requirement they retrace their journey to the sea, and annually perform a like round, till death follows from natural or other causes. Young male salmon, however, called "grilse," will (in many instances) return to their native rivers, as a rule, a year or so earlier than the females of the same brood, from the fact of the earlier development of their reproductive organs.

In this way then, it is answered, why the planting of artificially bred fry in certain waters in 1875, 76 and 77 might reasonably show a return of grilse and salmon in the same waters, in about five, six or seven years afterwards, namely, in 1881, 82, 83 and following years. One or two well known examples in proof of these statements are here given, which will suffice for the present:—"For upwards of half a century the Connecticut River, United States, was exterminated of salmon; in 1869 a lot of two thousand (2,000) artificially bred fry were put in the river; a second lot of thirty (30,000) was put in during 1870; in 1873 another lot of one hundred and fifty thousand (150,000) was added; in 1874 a much larger number was added, making a total during four years of about two millions (2,000,000) of young salmon that were planted in that river by the Fishery Commissioners of the State of Connecticut. In 1874 and 1875 the first successes were noticed in seeing and catching some young salmon in the vicinity of the place where the young fry were first planted; in 1876 three salmon were caught in the nets, and doubtless more were



taken; a dozen and more were taken in 1877; but in 1878 the salmon came into the river in large numbers; and by the end of the season five hundred (500) and upwards had been known to be caught in the nets; some of these weighed fifteen and twenty pounds." "Great incredulity had been manifested by most persons as to any practical results from artificial propagation, and, as year after year passed without bringing the expected run of salmon into the Connecticut, sneers and jokes, at the expense of the United States and State Commissioners, multiplied. The occurrence, however, of one or two large salmon in the Connecticut in 1876, a dozen or so in 1877, interfered with this scepticism, which was changed into enthusiastic appreciation by the appearance in 1878 of large numbers of fine fat salmon."

No better proof of the efficacy of artificial fish-breeding, as applied to the restocking of a depleted river with salmon, could well be given. For here we find a large river wholly barren of these fish for upwards of half a century again replenished with grilse and salmon after only a few years planting of artificially bred fry.

Salmon were not indigenious to the Delaware or Susquehanna Rivers. Artificially bred salmon fry were put in them in 1871, and following years. In 1879, Professor Baird writes thus:—"The results of the experiments of introducing salmon into the waters of the United States, are just beginning to appear, over five hundred (500) having been taken in the Connecticut, and large numbers were known to have passed up river. About twenty mature salmon have been captured in the Delaware. One of these weighing twenty three and a-half pounds, I have in my possession, I think there is little doubt that these are derived from eggs that Thaddous Norris got from you (Mr. Wilmot) somewhere about 1871. I have also a nineteen pound one from the Susquehanna, but so far no Quinnat salmon have shown themselves. I hope to see some of them next year."

One example only will be given here of the growth of salmon in the waters of our own country, but numerous applications of the subject will be found throughout the whole of these remarks. In 1877-78 artificially bred fry were put in the upper waters of the La have River in Nova Scotia; on account of several impassable mill-dams at the mouth of this river, salmon had not passed up it for several years. In 1882, some small sized salmon (grilse) were caught below these dams. In 1883 many larger ones were captured. In 1884 upwards of 500 adult salmon were taken during the early fishing season in the neighbourhood of these dams. From this and the former examples many more of which might be given, it is pretty clearly shown what length of time is taken by salmon to become grilse and when they arrive at maturity.

#### NOVA SCOTIA.

Mr. Venning, Inspector of Fisheries for New Brunswick, in his report for 1881, says:—

"The serious decrease in the catch of salmon recorded in my last annual report has, I regret to say, been still more marked during the present year. The salmon fisheries of this Province have fallen more than fifty per cent. below the catch of former years. In all our rivers and estuaries the number of nets is excessive, and for years this fishery has been pursued beyond the power of the fish to multiply, and I can only again express my strengthened conviction that, as long as this excessive fishing continues to be pursued, no permanent improvement can be expected."

Mr. Venning reports again in 1882 as follows:—

"There has been an important increase in the catch of this fish (salmon) as compared with that of 1880 and 1881, but it falls very far short of the catch in 1879, 1878, and 1877. I see no reason, from this increase, to change the opinion I have so often put on record, that the salmon fishery of this Province has of late years been pursued to so excessive an extent, that the power of the fish to multiply cannot keep up the stock against so great an annual drain. It must be borne in mind that, the number and extent of nets now in use in New Brunswick and the number of men now engaged in this fishery, far exceeds those of former years, when much larger

catches were made. It should also be remembered that greatly improved modes of arranging and setting these nets has, of late years been developed by the ingenuity of fishermen, stimulated by the enhanced price obtained for their fish. But with all these additional nets, and with all these improvements in setting them, the combined catches of the last three years aggregate less by three hundred and thirty-six thousand and six hundred and eighteen (336,618) pounds than the single catch of the year 1873 and less by seven hundred and eighteen thousand, two hundred and seventy-eight (718,278) pounds than of 1874. In the face of truths like these it is useless to deny that our salmon fisheries are threatened with exhaustion if the present over-fishing is not curtailed, and it is worse than folly to expect any permanent improvement as long as this excessive fishing is pursued."

Mr. Venning again reports in 1883 on the salmon fisheries of New Brunswick thus:—

"The improvement in the catch of this fish, reported last year, has not been maintained. The returns show a decrease of 2,815,76 pounds as compared with those of last year (in the whole Province). Though the catch was slightly better than in 1881. \* \* \* The only county in the Province which shows an increased catch is Restigouche."

Overseer Verge, of the Upper Division of the Restigouche, reports an increased catch of salmon. The figures show 78,660 pounds, against 55,183 pounds last year.

Overseer McPherson, of the Coast Division (Restigouche), also reports a better year for salmon. The returns show a catch of 128,200 pounds—an increase of 38,792 pounds over that of last year, of 1882.

Warden Phillips, of Canaan River (Queen's County), reports that quite a nice run of salmon ascended that stream. \* \* \* For several years in succession quotas of young salmon from the Miramichi hatching house were placed in this river and also in Salmon River, emptying into Grand Lake. Had any of these attained maturity they should now begin to show themselves. Those seen may be some of them.

#### NOVA SCOTIA.

Inspector Rogers, in his report of 1881, on the salmon fisheries in Nova Scotia, says: "The salmon fishery still continues to decrease. \* \* \* In this Province these fish seem to have for the time abandoned our unobstructed eastern rivers, as well as those afflicted with mill-dams and sawdust, in the central portions of the Province. I confidently look for a return of these fish at an early date, in abundance, and we are not without encouraging facts of this, for during the past fall the rivers were well stocked with fish. This fact is noted by many overseers, and particularly so of the rivers in which young fish were placed the past few years; so that we may look with confidence for a large increase in this fishery the next and following years."

In Inspector Rogers' report for 1882 he says: "This year gives an increase of 125 per cent. over the preceding one, with an increased average over former years. It is a fact which augurs well for the future, that our rivers were well stocked with fish, particularly those into which Mr. A. B. Wilmot has been planting young salmon for the last five and six years. A continuation of this planting, but upon a much larger scale, with the construction of one of the new fish-ways in each mill-dam, would very soon have the effect of filling our rivers and coast with valuable fish again. To supply so many of our rivers we should have had some ten millions of fry to distribute instead of one million. The rivers of Lunenburg, Queen's, Shelburne and Yarmouth could, with a moderate outlay, be made to produce millions of dollars in wealth to the country in ten or twelve years, by a proper and liberal effort in this direction. Money cannot be spent in this country in any enterprise which will more certainly return a rich reward than in the artificial culture of salmon in these localities, and I trust this matter will receive the most earnest consideration."

There were returns from some twenty-five local overseers, fifteen of these having oversight of the fisheries in eight counties where artificially-bred fry have been planted, return increased catches of salmon. Ten of the overseers having charge of counties where no fry have been planted, report decreased catches.

Mr. Rogers reports again, in 1883, as follows: "The catch of salmon during the season was about the same as that of the previous year. This is an increase of over 100 per cent. each year over 1881. Thus showing a very encouraging return, and there is every reason to expect a still larger increase next season, as will be seen by reading the overseers' reports. The rivers and estuaries were well filled with parent fish during the fall months; there are so many of the principal streams opened up by means of the new fish-ways that we may look for very gratifying results, more especially since the results of artificial culture are beginning to give unmistakable evidence of its utility."

"I cannot refrain from again urging upon your attention the great importance of extending, at the earliest possible date, artificial culture of salmon to streams in Queen's, Shelburne and Yarmouth counties, where these fish, owing to entering the rivers in March and April, command a dollar a pound and sometimes more. I am quite sure that no expenditure could be made which would render so certain so large or so profitable returns for the outlay."

#### REMARKS ON THE APPLICATION OF ARTIFICIAL SALMON BREEDING TO FISHERIES OF NEW BRUNSWICK AND NOVA SCOTIA.

In ascertaining whether artificial fish culture has benefitted any of the salmon fisheries in the Provinces of New Brunswick and Nova Scotia, it will be unnecessary to repeat the views relating to the habits and growth of the salmon, as previously explained in connection with the improvements of certain salmon fisheries in Quebec, as the application of the subject in that Province will apply equally the same to New Brunswick and Nova Scotia. It will only be necessary therefore to refer briefly to points directly bearing upon the results of fish culture, as applied to many waters in these Provinces, and take the official returns from the inspectors and other officials, to show in how far these results have been realized.

#### NEW BRUNSWICK.

It will be noticed in the extract, previously quoted from the annual reports on the salmon fisheries of New Brunswick for 1881: "That the salmon fisheries had fallen more than 50 per cent. below the catch of former years." It will also be seen that certain causes for this decline are very aptly and correctly given by the Inspector. But it is to be regretted that neither from this nor from the other Provinces is any mention made concerning the pernicious effects of sawdust and other mill rubbish in the rivers and streams, which are the nurseries from which the increase or decrease of the salmon fisheries of the several Provinces is to be derived. It would be very difficult indeed to conceive a more direful scourge to the fisheries interests of the country than that produced from the unrestricted casting of sawdust into the waters frequented by salmon, and many other kind of fish, for feeding and breeding purposes. Next to the downright slaughter of the parent salmon at the spawning times, as a direct means of exterminating their race, comes the more slow, yet sure, undermining, noxious and eventually fatal results, from sawdust; especially does its baneful influences effect the haunts of the salmon, and others of the anadromous species, where pure, limpid water is an indispensable requisite for their healthful existence.

The throwing or drifting of all other descriptions of saw mill rubbish into the streams of the country causes but a trifling injury in reality to the salubrity of the water for fish propagating, or artificial fish-feeding purposes, when compared with the noxious influences of sawdust, for wherever it settles, at the bottom of streams or other waters, it kills all animal and vegetable life, and makes putrid the otherwise naturally healthy depositories for laying and hatching fish eggs; and in the end, by constant accumulation in the beds of streams, rivers and bays, causes them to become barren

and unsuitable for fish to frequent; and, furthermore, its injurious influences are now becoming very seriously felt in the blocking up of channels and harbours, which were formerly navigable in many places, but which now have become almost useless for ordinary traffic.

It cannot be considered as inopportune to thus refer briefly to the pernicious effects of sawdust, for when it is known to have caused such destructive results to the increase of salmon by the natural means in many of the rivers and streams of the Maritime Provinces, the same influences will, in a great measure, in a like manner, seriously interfere with the beneficial results that would otherwise be realized from the application of the artificial methods of re-stocking streams. For if a river, or other water, has become so polluted from any cause as to make it unsuitable for the breeding and growing of salmon in the natural way, it must not be expected that the stocking of such a river with artificially-bred fry will accomplish the desired end. But the artificial method will nevertheless have an advantage over the natural means; for by the latter the egg would have to face the difficulties and dangers of some six months or more in the river, until the hatching time arrived; whereas, by the former, the egg would be cared for in the hatching room, away from the difficulties and dangers in the other case, and kept in pure, cleanly water, not affected by the polluted influences referred to from sawdust or other deleterious matter.

To the effects of sawdust and other mill rubbish, impassable mill-dams, deleterious matter of various kinds from manufactories, and the ruthless hand of man in the use of the net and spear upon the spawning grounds (and not so much to excessive, legitimate modes of fishing, which at the present time are no doubt beyond all reason), are mainly to be charged the decadence of the salmon fisheries from former times, in many sections, not only of New Brunswick, but also in the other Provinces of the Dominion; and had it not been for the monopolizing and party influences wrongly exercised by the proprietors and co-workers of these serious impediments to the maintenance of fish wealth in the country, their evil effects could, by wise legislation, have been avoided long ago, without in any way seriously affecting the interests of this same class of persons; whereas, the evil which has been permitted has simply given riches and aggrandizement to a few, whilst the great mass of the people have become the sufferers, and a great and lasting source of public wealth and luxury in the country has become well nigh exhausted, and in many cases irretrievably lost.

Evidently, from the New Brunswick reports, the salmon fisheries in that Province for 1881 were at a very low ebb. It was never held forth at any time that any beneficial results would be realized from the artificial breeding of salmon in the New Brunswick hatcheries before 1882; as a matter of fact, a few young salmon were bred in the Restigouche and Miramichi establishments in 1874; but it was in 1875 and following years, when they really began the work, and even then, only in a moderate way; therefore no "results" could be well expected from them until some seven or eight years had passed, as has been shown in the examples given of the Connecticut, Delaware, and Susquehannah Rivers, in the United States. This view of the case was somewhat prophetically stated in the fish-breeding report to your Department in 1881, where it said:—

"No visible results of any moment, or a run of adult fish of artificial breeding, can be reasonably looked for in the Miramichi, till the season of 1882; this standard of reasoning concerning the Miramichi River applies equally to the Restigouche, as both hatcheries commenced operations about the same time, each meeting with some reverses at the outset, but since 1877 the operations have been more satisfactorily performed." This prediction is fairly verified by the following returns from the New Brunswick and Nova Scotia reports, as given in by the inspectors of these Provinces. The application of this view has already been given when speaking of the Province of Quebec.

The annual report from New Brunswick, for 1882, says:—

"There has been an *important increase* in the catch of this fish (salmon) as compared with that of 1881 and 1880, but it falls very far short of the catches of 1879, 1878 and 1877." \* \* \*

Now as this improvement was expected, and it may be said actually foretold, it will not be out of place to apply a share of this "*important increase in the catch of salmon*," to the operations of the Restigouche and Miramichi hatcheries, and it may be demonstrated in this way:

The salmon fry which were distributed from these nurseries into the Restigouche and Miramichi Rivers, and their many branches, and other streams also, which empty into the Baie des Chaleurs, and along the coast, would, at the time of their maturity (in about seven years), begin to leave their feeding grounds in the sea on their first immigration back to their native streams, and strike to the nearest mainland, along the shores of which they would coast till they found the rivers or streams of their youth; up these they would journey until suitable spawning grounds were found to lay their eggs. Now, if it were not for the nets which are far too numerous set all along the coasts, the supplies of salmon due to each river could be pretty well ascertained, for they would undoubtedly pass by the estuaries and mouths of all other streams, and surely enter their own by the exercise of an unerring instinct. Therefore the large catches of salmon now made in these nets along the shores of the Counties of Restigouche, Gloucester, Northumberland and Kent, would in a large measure be natives of the larger rivers of Restigouche and Miramichi. And in considering the returns of salmon and "the important increase of these fish," referred to in the New Brunswick report: The Counties of Restigouche, Gloucester, Northumberland and Kent, fairly represent the New Brunswick fishery districts, in which the results of the operations in artificially breeding young salmon at the Restigouche and Miramichi hatcheries would be known and felt; and this is quite fully exemplified from the fact of these counties showing in their aggregate returns for 1882 an increase of 42 per cent. in the catch of salmon over 1881; whilst, in the other counties of the Province, where no planting of salmon fry had been carried out, a decrease in the salmon catch of 1882 is recorded, except in the outside fisheries of the harbour of St. John.

Reference must necessarily be made here to the astonishing increase in the catch of salmon, as returned from the St. John district, from Point Lepreaux to Quaco Head, which is 434 per cent. over the catch of 1881, or 267,300 pounds in 1882, against 50,000 pounds in 1881. This wonderful increase in figures, if thoroughly correct, goes to show that some extraordinary influences must have been at work to produce such a result; and even although a revision of the figures might somewhat change this return, the subject is worthy of some investigation, in order to exemplify the effects of artificial salmon culture, as applied to nearly the whole of the counties in the Provinces of New Brunswick and Nova Scotia, which border upon the shores of the Bay of Fundy, and the upper estuaries in the Chignecto Bay and Minas Basin.

Whilst this increase is shown in the outside and harbour fisheries of the County of St. John, the inland counties, extending from the harbour to the Grand Falls, and taking in the whole of the salmon fisheries of the St. John River, with its branches, show the poorest catch on record since 1870. The only inference to be drawn from this is, that either the net fishing in the bay and harbour outside was so excessive as to prevent the passage of salmon up river, or that the great majority of fish taken outside in the bay, between Point Lepreaux and Quaco Head, were not salmon, natives of the St. John River, but belonged elsewhere and were captured on their migration from the sea up the Bay of Fundy to their native rivers and streams, which empty into the Chignecto Bay, Minas Channel, Minas Basin and Cobequid Bay.

It will, no doubt, be understood by persons acquainted with the migratory and instinctive habits of the salmon, that, as previously related, these fish, when arrived at maturity and surfeited on their feeding grounds in the ocean, commence their journey shorewards, and strike to the nearest or most convenient mainland, along which they then coast till they find their native streams to enter. By referring to a map of the Maritime Provinces and looking at the principal places where salmon are taken by the fishermen, the course of their migration inwards from the sea, and of their journey along the coast or shore afterwards, will be clearly illustrated,

especially in the Bay des Chaleurs, as shown in the official map of the fishery stations, published along with the Departmental Fisheries Reports for 1878, where it is found that the great runs of salmon coming in from the Gulf take a south westerly course, striking the southern shore of the Bay des Chaleurs, thence travelling along that shore till they reach their destination in the fluvial waters of the Restigouche River. And still further verified by the sagacity of the fishermen occupying one hundred and seventy-six (176) fishing stations on the south shore, with only fifty two on the north shore.

The salmon fisheries of the Miramichi Bay, and coast, to the north and south of it, will give another illustration of the migratory courses of the salmon from the sea to the mainlands, and thence to their native rivers. Coming in from the Gulf, between the headlands of Shippegan, on the west, and Cape North, on the east, in a south-westerly direction, they strike the shores of the Counties of Gloucester, Northumberland and Kent; when they take their route south and north along the coast, for the rivers of their youth, which in this case would be the Miramichi River and its branches. Taking the courses of the salmon from the Gulf by Cape North, on Prince Edward Island, and Richibucto Harbour, in the County of Kent, New Brunswick, it will be found that from the latter point north to Escuminac, 50,000 pounds of salmon were taken; whilst south of Richibucto, including the river, taking in the greater half of the coast of Kent and the whole of Westmoreland, only 1,160 pounds were returned. And further, the catch of salmon in 1882, from Escuminac north to Shippegan, inclusive of Miramichi Bay (but exclusive of the river fisheries), amounted to 268,481 pounds; the Miramichi River catch was 163,915 pounds, making a total catch of 432,396 pounds; numbering, at ten pounds each, 43,239 salmon over and above those that escaped the nets when striking the mainland between Shippegan and Richibucto (by an instinctive direction) from their feeding ground in the Gulf, or in the Atlantic. Nearly the whole of this great run of salmon would be natives of the Miramichi River, which has been and now is somewhat largely supplied with young salmon propagated in the natural way, and by the artificial methods pursued at the Miramichi hatchery.

Another clearly defined illustration of the landward course taken by the salmon on their migration from the sea, is shown by the "runs" of these fish entering the Straits of Northumberland by the eastern passage. Here again they take a south-westerly line from the Gulf, striking the mainland on the coasts of Antigonish and Pictou, in Nova Scotia; when at Cape George a division of families, so to speak, takes place, some going eastward to their rivers by entering St. George's Bay, others going westward to their rivers along the coasts of Pictou, Colchester and Cumberland Counties; but by far the greater numbers are captured where they first approach the mainland, namely: Pictou County (eastern half), 87,830 pounds; Antigonish, 39,705 pounds; whilst further up the straits, taking in the west half of Pictou and the whole of Colchester and Cumberland Counties, only about 2,000 pounds were returned as taken in 1882. The above illustrations of the direction taken by salmon coming in from the sea show clearly that where the great runs of fish first strike the shores of the mainland the sagacity and uncontrolled greed of the fishermen soon find it out, and there unrestrictedly ply their skill to such an extent as not only to gradually decrease but ultimately exhaust the supplies of salmon due to the rivers near at hand, and those belonging to rivers and streams far away from the points where they first struck upon the coast.

With these illustrations of the courses taken by salmon to reach their native rivers in the Bay des Chaleurs; at Miramichi; and at Pictou; the description to be given of the migrations of these fish up the Bay of Fundy; and into the basins, and rivers at the head of it; will be more readily understood; and may also give some information relative to the cause of the magnitude of the salmon fishery, as pursued inside, and outside the harbour of St. John, when compared with other salmon fisheries, in the Bay of Fundy, which ought, and are fairly entitled, to participate in the benefits derivable from the large "runs" of salmon which annually enter that great arm of the sea; and it may not unwisely be put forth as a reasonable argument in demonstrating the good results to be derived, from the wide spreading usefulness of artificial fish culture.

The Bay of Fundy is the great highway, so to speak, by which all salmon, natives of the rivers and streams which empty into this great arm of the sea, migrate to and from the ocean. The course taken by these fish entering the bay from the sea, would be in a north-easterly direction; passing between Grand Manan Island on the west, and Brier Island on the east; following this course they would strike the mainland on the north side of the bay, between Point Lepreaux and Quaco Head; on this line and between their limits, are the famous salmon fisheries of the Bay of Fundy; well-known as "the outside and inside fisheries of the harbour and County of St. John." Here 267,300 pounds of salmon were taken in 1882, whilst in the other nine counties of New Brunswick, and in five counties of Nova Scotia; whose salmon breeding rivers and streams empty into the waters of the Bay of Fundy, all these put together only show a return of 99,872 pounds. Of this quantity, the incredibly small catch of 19,312 pounds is made up in the six counties, through which the great St. John River, with its multitude of tributary feeders run, and is the lowest record of any year since 1870.

Of the large "runs" of salmon up the Bay of Fundy from the sea, a considerable portion of them undoubtedly belong to waters at the head of the bay, in the streams of the Counties of Albert and Westmoreland, in New Brunswick, and in the streams of the Counties of Cumberland, Colchester, Hants, and King's, in Nova Scotia. The salmon belonging to these counties would, after striking the coast between Point Lepreaux and Quaco Head, if not taken by the drift and stationary nets set in their line of migration, coast eastward and enter Chignecto Bay and Minas Basin, in search of their native streams. In this view of the matter, it is but reasonable to conclude that a certain proportion of the large catch of salmon annually reported as taken from Quaco Head to Point Lepreaux, in the St. John fishery district, are salmon belonging to the waters of Nova Scotia, and not wholly to the St. John and other rivers of New Brunswick.

In putting forth the statement that the distribution of young salmon, artificially bred at the Bedford hatchery, into certain rivers and streams in Nova Scotia, has been in a large measure the means of bringing about the increased catch of salmon in the St. John fishery district, in New Brunswick, by 400 per cent. in 1882 over 1881, it will be considered by many persons to be as remote from possibility of demonstration, as the distances are apart, from which the evidence will be taken to fully illustrate the subject under consideration.

Now, it must be understood that although a salmon hatchery is running on the St. John River, no results can by any possibility be realized from it before 1886 or 1887, as the institution was built in 1879, and the first brood of fry was turned out from the hatchery in 1880. It must also be understood that the catch of salmon throughout the whole extent of the St. John River has been regularly on the decline for the past ten years, the lowest catch being in 1882. This reduction in the stock of parent fish in the river, where the multiplication in their species is brought about, would necessarily reduce the number of adult salmon returning to the river from the sea up the Bay of Fundy, through the limit of the St. John district fishery, between Quaco Head and Point Lepreaux. But, nevertheless, the returns show a wonderfully large increase in the catch of 1882, within this limit, over that of 1881 and 1880. The fair inference to be drawn from the above is that, a large proportion of this increased catch of salmon, were not natives of the St. John River, but of some other rivers of the Bay of Fundy, where these salmon were migrating to in order to reproduce their species. Now where might their destination have been, and what part can the artificial propagation take in the solution of this problem?

The Bedford salmon hatchery near Halifax, was established in 1875; from which time to the present, large quantities of artificially bred fry have been annually distributed in the streams of most of the counties in Nova Scotia. The Counties of Cumberland, Colchester, Hants, King's and Annapolis; all bordering more or less upon the shores of the Bay of Fundy, receive quotas of salmon fry from the Bedford nursery. The proportion of these that escaped destruction, and grew to the stage of "parrs" and "smolts" would, by the law of nature which guides them, leave these

streams and pass through the Bay of Fundy to the sea ; where, after the proper lapse of time, they would reach maturity, and retrace their way back to the rivers or other streams in which they spent their youth. Thus it will be seen how the planting of artificially-bred salmon fry in the the above named counties of Nova Scotia, would in the natural course of events, benefit and increase the salmon fisheries of the Bay of Fundy, more especially that portion of it which constitutes the St. John fishery district, between Quaco Head and Point Lepreaux ; corroborative evidence of this is further shown in the fact of the above mentioned counties in Nova Scotia having returned increased catches of salmon within their limits in 1882 (amounting to some 40 per cent. increase over the averages of the four previous years), simultaneously with the large catch between Point Lepreaux and Quaco Head. When at the same time, the great tidal river of St. John (with all its affluent branches) which is the generally reputed feeder of the salmon fisheries of the Bay of Fundy, shows a greatly reduced catch of these fish from former years.

Having commented upon the effects of artificial salmon culture in relation to the increased catch of salmon in New Brunswick in 1882, it must be mentioned here that the returns for 1883 do not appear in such a favourable light, as they show a general decrease in the whole Province of some 26 per cent. under 1882 ; but when the Restigouche division of the Bay des Chaleurs is taken by itself, where the benefits from the Restigouche hatchery have been directly applied, a most favourable result is recorded of 45 per cent. increase in 1883 over 1882.

It must also be noted that the salmon fisheries throughout the north and south shores of the bay, which come within the range of the operations of the Restigouche hatchery, namely, in the Counties of Gloucester, Restigouche and Bonaventure, these, collectively, show an average increase in the return of salmon caught in 1883 of 25 per cent. over 1882. It is somewhat remarkable, however, that the returns for the County of Northumberland, where a hatchery is in operation on the Miramichi River, should show a decrease in the catch of 1883 as compared with 1882.

#### NOVA SCOTIA.

With regard to the operations in artificial salmon culture, as applied to the majority of the counties in this Province, the beneficial effects are made so apparent from the reports of the Inspector of Fisheries, that little further may be said relative to the very satisfactory increase of salmon taken in 1882 and 1883 over 1881 and previous years ; and as these years are the ones in which the first crops of young salmon turned out from the Bedford hatchery would have become sufficiently mature to return to the rivers for spawning purposes, where they were first planted as fry, it is only fair to conclude that the large increase referred to in the annual reports, was in part occasioned by the planting of considerable numbers of salmon fry in many of the rivers of Nova Scotia, from the Bedford nursery, six and seven years before ; and more especially may it be so considered from the fact, that in the ten counties of the Province where artificially-bred fry were planted, the average increase in the catch of salmon in 1882-83 amounted to 138 per cent. over 1881 and previous years ; when, in the other counties of the Province where fry had not been planted, the increase during the same period was only 43 per cent. ; and in selecting some individual counties, where more liberal supplies of young fish were distributed at first, namely, Halifax County, an increase of upwards of 200 per cent. is shown over former years.

#### MAP EXPLANATORY OF THE APPLICATION OF ARTIFICIAL SALMON CULTURE IN THE MARITIME PROVINCES.

The accompanying map or chart of the salmon fisheries of the Maritime Provinces is submitted as illustrative of the migratory courses taken by salmon to reach their native rivers for spawning purposes. The more special object of the



map is to portray the coast line of the Provinces on the Atlantic and in the Gulf of St. Lawrence, and bays, straits and rivers which salmon are known to pass or enter on their annual rounds to multiply their species. It is of importance that it should accompany the report on fish-breeding operations, more especially to give ocular demonstration of the remarks contained in the report on the "practical application and results of artificial fish-breeding on the salmon fisheries of the Maritime Provinces." On the chart is delineated every salmon fishery district in the Provinces; with the quantities of salmon taken in each, and the numbers of the same (at 10 lbs. each) caught within certain limits. The information obtained, and depicted on the chart, has been collected from the official returns of the Fisheries Department for 1881, 1882 and 1883. The exhibit of the salmon catch on this chart gives the numerical distribution of these fish in the several salmon fishery districts between Quebec and the Straits of Belle Isle, on the north shore, and Quebec and Gaspé on the south shore, also from Gaspé following the coast and bays of New Brunswick, Cape Breton, Nova Scotia and the fisheries of the Bay of Fundy, as recorded in the following table:—

## QUANTITIES OF SALMON, 1882.

|  | Lbs.      |
|--|-----------|
| North shore, Quebec to Belle Isle..... | 315,464   |
| South shore, Point Levis to Gaspé..... | 60,933    |
| Anticosti Island.....                  | 8,600     |
| Gaspé to Straits of Canso.....         | 1,047,380 |
| Prince Edward Island.....              | 9,666     |
| Cape Breton Island.....                | 106,955   |
| Straits of Canso to Yarmouth, N.S..... | 317,201   |
| Bay of Fundy, N.B. and N.S.....        | 367,542   |
| Total.....                             | 2,233,740 |

The chart also gives the location of the several fish hatcheries built in 1874-75-76, with note marks showing the fishery districts in which salmon fry were planted in those years, and the increased catch of salmon returned in those divisions over the quantities taken in the divisions where young salmon were not planted.

## INTERNATIONAL AWARDS AND GOLD MEDALS FOR CANADIAN FISH-BREEDING.

At the great International Fisheries Exhibition, London, 1883, the Dominion of Canada made a large and at the same time most satisfactory exhibition of fish and fishery products, and also fishery gear and appliances of every description generally in use in Canadian waters. Practical fish culture, with working sections, models and apparatus of various descriptions connected with the Canadian method of propagating fish by artificial means, were also shown and obtained awards of the highest character, for superiority in design and for practical work, exemplified in the hatching and growing of salmon during the whole of the six months in which the great exposition was open.

Some fifty thousand (50,000) salmon eggs, of the "salmo-salar" species, were taken across the Atlantic in April, 1883. They arrived safely in London, and certain numbers of them were hatched daily during the months of May and June, in the fish-breeding works erected in the Canadian Court. A number of these young salmon were planted in rivers in England, and the balance on hand at the closing of the exhibition, which had become parrs, of four, five and six inches in length, and of perfect development, were presented to the authorities of the British Museum, in whose aquaria at South Kensington they were placed, where many of them are still

on exhibition. This successful result in fish-hatching, by the Canadian system, was unique, surpassing all other competitors, and obtaining the highest possible award, of the gold medal, for "the best and most complete fish-breeding establishment at the exhibition;" and a gold medal and diploma was also awarded to Canada for the hatching and growing of young salmon continuously during the whole period in which the exhibition was open.

The description of apparatus exhibited in the Canadian Court consisted of a full-size working section of the machinery and appliances in use at the Newcastle establishment in Ontario; also, a working model of this hatchery in full operation, illustrating the complete machinery in use, and the *modus operandi* of the system adopted in all the fish-breeding institutions in Canada. The glass automatic white-fish incubators were also in practical use, during the exhibition. A perfect plaster-caste model of the Tadoussac establishment on the Saguenay River, in the Province of Quebec, was shown, giving the position of the salt-water pond, and the practicability of using tidal salt water, for retaining parent salmon through the summer months, and until spawning time.

Some of the breeding works, models and other fish-breeding apparatus which were so successful in practically illustrating Canadian fish culture, and in receiving the highest awards at the great International Fisheries Exhibition in England, were brought back to Canada, and are now on view at the Fisheries Museum in Ottawa.

The generally admitted excellence of the Canadian fish-breeding exhibit in London, for its comprehensive system of arrangement, and absence of all complication in its practical adaptation for hatching eggs and rearing fry, and having obtained the highest award against all competitors, gives sanction to the belief that the science of artificial fish-culture in Canada holds no secondary position with any other country in the world.

The following is a list of awards and diplomas obtained at the great International Fisheries Exhibition, London, 1883, by Canada, for exhibits connected with artificial fish-breeding, namely:—

*Jury No. 20, Section 1.*

Dominion of Canada.—Wilmot's system: Best and most complete fish-breeding establishment in the Exhibition. Gold Medal and Diploma.

Dominion of Canada.—Wilmot's method: Young salmon hatched out from eggs brought from Canada and grown to the state of "parrs" from 4 to 6 inches long, in the breeding troughs during the time of the exhibition. Gold Medal and Diploma.

Dominion of Canada.—Model of salt-water pond as used in Canada, for retaining parent salmon from June till ripe for spawning. Silver Medal and Diploma.

Dominion of Canada.—Wilmot's system. Working model of fish-breeding establishment as used in Canada. Silver Medal and Diploma.

Dominion of Canada.—Live fish and egg carriers. Bronze Medal and Diploma.

The within report of proceedings connected with artificial fish-breeding in the Dominion of Canada is respectfully submitted.

SAML. WILMOT,

*Superintendent of Fish Culture for Canada.*

NEWCASTLE, 31st December, 1884.

REPORTS FROM THE SEVERAL OFFICERS IN CHARGE OF FISH-BREEDING ESTABLISHMENTS IN CANADA, 1884.

1.—FRASER RIVER FISH HATCHERY.

The Honourable A. W. McLelan,  
Minister of Marine and Fisheries, Ottawa.

SIR,—I have the honour to lay before you my report of operations at the Fraser River fish hatchery in this Province, and beg leave to draw your attention to paragraph (32) in the late Inspector of Fisheries' report for 1883.

In pursuance of that officer's order, I started on the 2nd of October, 1883, in company with the Hon. Senator McInnes, the late Inspector of Fisheries, Mr. Anderson and Captain Pittendreigh, fishery officer, for the purpose of inspecting Pitt River and its tributaries. After examining several localities and making enquiries as to the different classes of fish and their habits, and taking into consideration its isolated position, I did not deem it advisable to recommend the hatchery being placed in that locality.

I afterwards visited several other places on the Lower Fraser, reports of which were sent to the late inspector, which reports, I trust, came under your notice.

The view I had in choosing the present site was that it had been recommended to me by Mr. S. Haigh as being invariably clear and free from sediment during the hatching season; also of an even temperature.

On visiting the place I found a good, large stream of pure, limpid water, in which were a good number of Coho salmon depositing ova. Mr. Haigh also offered a free grant of the necessary land for the erection of buildings. Two acres of this land were procured and held by deed. I concluded that where the salmon selected a natural spawning ground must evidently be suitable for artificial propagation.

On the 5th of March I commenced clearing a site, excavating pond, building dam, clearing ground and making road from the river's bank back to the supply dams. This involved much hard work, as the wood was heavy and the ground hard to clear, thus making the road an expensive one. It had to be bridged for 500 yards over marshy ground, which was impassable for a team of any kind. The foundation had to be hauled and laid in place by hand, and 60,000 superficial feet of cedar had to be split and carried from the woods for covering.

The dam is constructed with large logs, built in the form of a crib-work, 16 feet broad in the bottom, and rising to the height of 9 feet, 1 foot slant being allowed to each foot of height. The bottom log is imbedded 2 feet in the gravel, an apron of 2½-inch plank, of sufficient length, being laid on the face or sloping side of the crib. The lower end of the plank is sunk 2 feet below the bottom log; the crib was then filled in with earth and stone, making the structure staunch and tight:

The dam is 150 feet in length, and the pond in places shows a depth of 8 feet, thus giving an abundant supply of water for the hatching house.

The building is sufficiently high to be clear of any floods that may occur on the Fraser. It stands 30 feet above the level of the river. Its dimensions are 110 x 40, and it is two stories high. It stands near the centre of the two-acre plot. The lower flat is fitted with seventy-one (71) hatching troughs, 35 feet long, 10 inches wide, and 6 deep. These are capable of holding one thousand (1,000) hatching trays, which will hold about three millions (3,000,000) quinnat or five millions five hundred thousand (5,500,000) suckeye eggs. By doubling the trays in the troughs double the number of ova can be laid in. Part of the second storey (40 x 40) is fitted up as a mess house and caretaker's dwelling. The remaining part (70 x 40) is used as a store room, but could be fitted up with troughs and tanks at short notice into a commodious hatching room, as I have taken precautions to have the water conveyed from the dam by a flume of sufficient size and elevation as to warrant an adequate supply for both flats. The water flows into a retaining tank, 5 feet above the level of the upper flat, and is led from thence into a large filter tank, and then

taken into the reservoir tank in the house, below where it supplies the hatching troughs.

#### *Capturing Fish.*

On the 28th of June I set men to work fishing for quinnat salmon. They captured ten the first day. These were put in cribs and kept in the main Fraser River; I kept the men fishing until the 15th of July, taking one hundred and thirty-seven (137) fish, fifty-three (53) of which died before they could be conveyed to the pond. The balance were put in the pond, and kept there until the 25th of July, when they were liberated. During this time twenty-nine (29) died with fungus. The growth commenced generally where the mesh of the net had marked them, and continued to spread over the body until it reached the eyes and gills, resulting in their death about two days after the gills became affected. Those in the cribs also became affected after being in them a few days. I then constructed a very large open crib, made of sawn slabs, 1 inch thick and 2 inches wide; this I put in the Coquitland River, where water was clear and cool. Here I intended keeping a large supply of parent fish, but fungus attacked them there, and I abandoned the idea of taking any more fish until later in the season.

On the 8th of September I sent a man to the Harrison River, to examine and report upon the different places and advancement of the fish in that locality, as I could not depend upon the reports of the Indians, who were unacquainted with their spawning habits.

On the 15th September I received word from the Harrison River that fish had begun to deposit ova. Accordingly, I made ready the necessary equipments for capturing and caring for them. I arrived at the Harrison on the 20th of September, and commenced taking fish on the 23rd, continuing until the 24th of October, capturing about two thousand (2,000) "quinnat" and three hundred and fifty (350) "suckeyes." From the last mentioned, we took about two hundred and fifty thousand (250,000) ova, and then gave our attention to the "quinnat" salmon, as they are of superior quality, entering the river earlier and continuing to run later in the season.

Of the two thousand (2,000) "quinnat" salmon taken, there were about equal proportions of males and females. As many of the females had been spent before their capture, the actual number that supplied ova was about seven hundred and sixty-five (765). These gave an average of four thousand (4,000) eggs each.

All fish, with few exceptions, were returned to the river after being stripped, and were as full of vitality as any I have noticed in the eastern rivers after going through the same course.

At the request of the Inspector of Fisheries, and for our own convenience, we marked many of the fish by putting a hole through the adipose dorsal fin with a leather punch. Our intention was to fasten a tag to them with the date marked on it, but we were unable to procure the required material before the close of the season.

The men caught some of the fish that had been stripped and let go; they were readily recognized by the hole in the fin. The muscles of the abdomen had fully contracted, and the fish looked natural and symmetrical.

I noticed some fungus in the gills of some the "quinnat" salmon on the Harrison, originating, I have no doubt, from a bruise caused by the fisherman's net while ascending the river.

About the 15th of October the "coho" salmon made their appearance in the Harrison River. They were bright in color, and in good condition for food, although some of them were dying. No fungus could be noticed on them, but they all appeared to be slightly swollen. The Indians used them for food shortly after they died, and the fish appeared to be perfectly healthy.

Ten miles from the mouth of the Harrison River, at the right side of the entrance to the lake, is a hot spring. I will here quote a paragraph from the *British Columbian*, dated the 2nd of August, 1884: "The spring has a temperature of one hundred and

sixty-four (164) degrees Fahrenheit. The water contains sulphuretted hydrogen in large quantities, and an analysis lately made by Mr. W. J. Wenzel, Ph.G., M.D., professor of chemistry in California College of Pharmacy, gives the following: Sulphate of sodium, sulphate of calcium, sulphate of magnesium, chloride of codinium, chloride of potassium, alumina silica. In his report Professor Wenzel says: 'The total amount of solids contained in an Imperial wine gallon equals 89½ grains. The character of the water is that of a mild aperient, the sulphate being by far in the larger proportions.'

The Indians in that neighbourhood informed me that other hot springs, in different localities on the Harrison, are constantly boiling up from the river bed, and the question might be asked, Will the fish run into these warm currents when entering the river? If so, what would be the effects produced?

The ova were placed in cases of fifty thousand (50,000) each, after having been packed in zinc trays with cotton and moss gathered from the trees. They were then conveyed to the hatchery by canoe and steamer. The transit was about ten hours. The ova looked well after being laid down, and the loss was comparatively small on account of the journey.

Shortly after laying in the first shipment a heavy rain caused the water to be muddy and we had to wash the eggs to keep them clean. Before all the supply of eggs was laid in, and before I was aware of the fact, some of the embryos began to develop, and in thirty days after the first shipment of eggs was laid in the trays, the eyes of the fish were clearly discernable. At this period we had lost a considerable number of eggs, as is shown in my weekly reports to your Department. The apparatus employed in hatching salmon must necessarily vary with the species, temperature, and character of the water in which they are hatched. In most of the eastern Provinces perforated zinc, or tin is used for trays; on the McCloud, wire baskets are in use, in which are put twenty-five thousand (25,000) ova to a basket of 2 x 1 x 6. These are found very effectual in practice.

By doubling the supply of water, and causing an undercurrent in the troughs, and shifting some of the eggs from zinc to wire trays, I found it improved them. The eggs of the "quinnat" salmon are much larger than those of the eastern salmon, or any of the other species on this coast. The time of incubation is short, owing to the high temperature of the water, and a much larger supply of aerated water is required than in the eastern hatcheries.

In regard to capturing parent fish in the future, I have the honour to suggest that a retaining pond be made near the salt water, and the fish kept in it until they mature; as this, in all probability, will prevent an attack of fungus; otherwise I would suggest taking them on the Harrison River, as was done this season. I think the attempt to keep fresh run fish in confinement in the muddy water of the Fraser River will always prove a failure. In conclusion, I beg leave to state that all the eggs placed in the wire baskets are in a very healthy state, and that there are now about two thousand (2,000) young fish out. There will be no distribution of young fish before January or February.

I have the honour to be, Sir,

Your obedient servant,

THOS. MOWAT,

*Officer in Charge of Fraser River Hatchery.*

2.—SYDNEY FISH HATCHERY.

CAPE BRETON, 31st December, 1884.

The Honourable A. W. McLELAN,  
Minister of Marine and Fisheries, Ottawa.

SIR,—I beg herewith to submit the following report of the work done in the Sydney hatchery during the past year.

Of the one million and fifty thousand (1,050,000) ova laid down in this hatchery in the fall of 1883, eight hundred and fifty-eight thousand (858,000) young fry were hatched and successfully distributed as follows, viz. :—

|   | Fry.           |
|---|----------------|
| Sydney River, Cape Breton County .....  | 250,000        |
| Salmon do do .....                      | 100,000        |
| Margaree do do .....                    | 150,000        |
| Middle do Victoria County.....          | 50,000         |
| Ball's Creek, Cape Breton County.....   | 100,000        |
| Trout Brook do .....                    | 50,000         |
| Black do do .....                       | 50,000         |
| Clerk's do do .....                     | 45,000         |
| Big do Richmond County.....             | 30,000         |
| Hatchery Brook, Cape Breton County..... | 28,000         |
| Total.....                              | <u>858,000</u> |

This year I secured three hundred and twenty (320) parent salmon from the different rivers, as follows, viz. :—

| Where Caught.       | Males. | Females. | Total. | No. of Ova. |
|---------------------|--------|----------|--------|-------------|
| Margaree River..... | 117    | 93       | 210    | 447,000     |
| Middle River.....   | 7      | 28       | 35     | 176,000     |
| Sydney River.....   | 16     | 40       | 56     | 284,000     |
| Ball's Creek.....   | .....  | 3        | 3      | .....       |
| Salmon River.....   | 5      | 11       | 16     | 30,000      |
| Total.....          | 145    | 175      | 320    | 931,000     |

From the above table you will see that there are nine hundred and thirty-one thousand (931,000) eggs laid down in the hatchery this fall.

The catch at the Sydney River was smaller than usual, owing to the dryness of the season, only one freshet occurring during the whole fall, after which the greater number of fish were captured.

The hatchery being in the same good working order that it was in when first started, required no improvements this year, except the usual painting and fixing up for the new stock of ova. However, some improvements about the grounds were made, the heavy freshets of the spring having carried away part of the mill-dam and the stone breast work around the building, I found it necessary to repair the breast work; and, fearing that the dam would not be properly repaired, I gave Mr. Dobson all the assistance I could, besides bearing part of the expense. I also constructed a fish pond at Margaree River, for the reception of parent fish till ready to spawn, there being so many fish caught there that the tanks were not large enough, and the fish did not seem to thrive well in them.

This hatchery has not been long enough in operation here to show any beneficial results; but I may state that the different rivers which are being stocked show a decided increase of young fish. This I learn from personal observations, as well as from the reports of those parties living in the immediate vicinity of the rivers.

Young fry are to-day quite plenty in the hatchery brook, a place in which a salmon was never known to enter or spawn till stocked by the hatchery. The largest seen being from 4 to 7 inches in length.

I have the honour to be, Sir,

Your obedient servant,

C. A. FARQUHARSON,

Office-in-Charge.

### 3.—BEDFORD BASIN HATCHERY.

BEDFORD, 31st December, 1884.

The Honourable A. W. McLELAN,  
Minister of Marine and Fisheries, Ottawa.

SIR,—I beg to submit the following statement of the operations at this hatchery during the past year.

The total number of eggs laid down last autumn was one million five hundred thousand (1,500,000), from which were hatched this spring about one million fry. These were distributed, as per instructions from the Department, in the following named rivers:—

|  | Fry.             |
|--|------------------|
| Musquodoboit River, Halifax County ..... | 80,000           |
| Sackville do do .....                    | 40,000           |
| Big Salmon do do .....                   | 40,000           |
| Little Salmon do do .....                | 40,000           |
| Nine Mile do do .....                    | 40,000           |
| Indian do Hants County .....             | 40,000           |
| Meander do do .....                      | 40,000           |
| Hebert do King's County .....            | 40,000           |
| Gaspereau do do .....                    | 40,000           |
| Cornwallis do do .....                   | 40,000           |
| Philip do Cumberland County.....         | 80,000           |
| Wallace do do .....                      | 40,000           |
| Salmon do Colchester County .....        | 40,000           |
| Stewiacke do do .....                    | 40,000           |
| North do do .....                        | 20,000           |
| East do Pictou County .....              | 60,000           |
| Middle do do .....                       | 60,000           |
| West do do .....                         | 80,000           |
| Annapolis do Annapolis County .....      | 48,000           |
| La Have do Lunenburg County.....         | 20,000           |
| East do do .....                         | 40,000           |
| Tusket do Yarmouth County .....          | 40,000           |
| Total.....                               | <u>1,000,000</u> |

These were all safely delivered in a good, healthy condition, no loss being met with, except among one lot of sixty thousand (60,000) fry intended for the Gold, Martins, and Mushamush Rivers of Lunenburg county, which became weak and sickly on the long journey, and in order to prevent a total loss they were put in the East River of that county as above.

*Collection of Ova this Season.*

The collection of ova for this season's hatching has been attended with very poor success. Salmon were reported as plentiful during the months of August and September in the harbours and rivers, but the continued drought and consequently low stage of water in October and November prevented their entering the fresh water, or ascending to the points where the spawning sheds and tanks are located. West River being the only stream in which fish are taken in the tidal waters, returned the greatest number of spawners. River Philip, where salmon were reported as unusually plentiful in the tide-way, but where the fishing station is about one and a-half miles above tide, returned almost nothing, the low stage of the water preventing the fish from entering. The Liverpool River, in Queen's County, where an effort was made to catch some salmon, also returned nothing. On Sole's Brook, or Chezzetcook River, where I built a small tank and engaged a crew of fishermen, very few fish were taken. A peculiarity of the catch this season was the small proportion of male fish. This no doubt was due to the high stage of water during the months of July and August, which permitted these fish to enter the rivers at that time, long before fishing commenced. The total catch was as follows: West River, 64; Philip River, 16; Sole's Brook, 12, being 92 in all, of which 17 were males and 75 females, yielding eight hundred thousand (800,000) ova, which is the extent of the stock received this season.

I regret the poor success of this work this year, and it is a great disappointment, as I made every preparation necessary for securing a large catch, but the season was decidedly unfavourable. The fact is, hundreds of spawning salmon never entered the fresh water, but deposited their ova on the gravelly shores of the coves and bays. The ova so deposited will no doubt be almost entirely lost, but this will be counterbalanced by the large numbers of eggs deposited at the extreme head-waters of our rivers by a run of salmon which entered in July and August.

From every quarter I hear of quantities of salmon having entered the rivers this summer, greatly in excess of any for the past ten years, and I have no doubt whatever but this increase is largely due to the operations at this hatchery, but I find it almost impossible to obtain any positive information from the fishermen, as they, being prejudiced, are unwilling to admit that this increase is due to any artificial efforts on the part of the Department. As far as I can learn, a great increase was observed in River Philip, where fully four hundred (400) salmon were taken during the summer and fall fishing. One man alone admitted catching over sixty, while many others were quite as successful. I am informed by a thoroughly reliable party that the numbers of salmon entering the Musquodoboit River was greatly in excess of that of any year for the past ten years; and, in fact, the same can be said of almost all the rivers. One instance of a most marked increase offers itself in the La Have River, where the average catch per year, for the past ten years, has not exceeded twelve fish, while that of 1883 was two hundred, and, for the past year, five hundred salmon.

This increase has taken place in spite of the existence of five or six almost impassable dams on the river, and cannot be claimed as due to the natural reproduction of the salmon themselves. I commenced stocking this river at its extreme head-waters in 1878, and each year since it has received from ten thousand to twenty thousand fry. A most convincing feature of this increase in favour of its being due wholly to the numbers of young fry placed there, is the fact acknowledged and commented upon by the fishermen in the vicinity, that while the number of salmon has so wonderfully increased, the size of the fish is not equal to that of former years. This, without doubt, is due to the presence of young and half-grown salmon. The first fry placed there in 1878, would, in 1882, be only four years old, and, of course, small in size, while those of 1879 were last season in the same condition as to size. Now, the fact that a most decided increase of salmon of a small size was observed in that river at the precise period when a return would be expected from the planting of 1878, should be sufficient to convince the most skeptical that fish-breeding has



shown its good effects there, if no such convincing evidence has been obtained elsewhere. I have just reason to believe that equally as favourable reports could be obtained in other rivers, if means were adopted to that end, but, as stated above, the men who possess the information we seek, refuse to give it, fearing to commit themselves by acknowledging their violation of the law by fishing after the "close season."

Wallace River, in Cumberland County, is well adapted to the growth of salmon, but it has been almost ruined by some dams across its mouth, notwithstanding which, a very large increase has taken place from the numbers of fry placed there each season.

In endeavouring to show that the increase of salmon is due in a measure to the efforts put forth in the way of artificial fish culture, I am aware I conflict with the opinion which the Inspector entertains, that his ladders have been instrumental in bringing it about, but unfortunately, the patent "Roger's ladder" has not been in use long enough to have produced the good results he claims, and further, the increase has taken place in rivers where none of these ladders have been built.

Some years ago I took occasion to draw the attention of the Department to the filthy condition of some of our rivers and their present unsuitability for the growth or production of large numbers of young salmon, and pointed out that, with this unfavourable feature working against us, our progress towards re-stocking would necessarily be slow, if not doubtful. Filled, as our streams are, with large accumulations of decaying sawdust and other mill rubbish, throwing off noxious and poisonous gases destroying every vestige of animal and vegetable life which nature intended as food for the young salmon and other fish, we are handicapped from the beginning. It was hoped that some means would be adopted by which this evil would, at least in a measure, be removed, but it is found that matters are growing worse, and that no effort is now made to prevent mill owners from allowing all their refuse to run into the rivers. The general opinion is that sawdust is the greatest evil we have to contend against, and more attention should be paid to that than the comparatively lesser evils of obstructions and dams. By this it must not be construed as insinuating that ladders are not necessary in many cases, but as contending that the pollution of our rivers, by decaying sawdust, has done more to depopulate our rivers than all the mill-dams yet constructed, and if any improvement is desired the removal of these two evils should be carried on together. What is to be gained by admitting salmon or planting young fry in a river where the very element in which they live is made noxious by the introduction of a poisonous substance? The public are being firmly convinced that all our efforts in the direction of re-stocking our rivers by artificial or natural means will be rendered futile, unless the sawdust clauses of the Fisheries Act are rigidly enforced.

No doubt there exists a difficulty in reference to the enforcement of this clause, arising out of the alleged heavy expense it might entail upon the mill-owners, but it cannot be said that these few parties have any right to use the waters of our rivers in such a way that the public generally, and more especially the poor fishermen along our coasts and estuaries, should be injured and robbed of their means of subsistence and livelihood.

It will be acknowledged by almost all who have any practical knowledge of our rivers and their fisheries, that saw dust and other mill rubbish is decidedly injurious, and it is quite correct in saying that in all countries where salmon and trout are found, a law against the throwing of sawdust in the rivers exists. In our Dominion such a law was enacted, and for a time enforced, but by some strange misconception of the fact existing, here, in the Province of Nova Scotia, where salmon were formerly most abundant, and where a very large number of the inhabitants are, and for years have been engaged in this particular fishery, this law, for some years past, has not been enforced, with the result of a gradual but certain decline in the numbers of salmon caught or entering our rivers. There are many opportunities of witnessing this evil in this Province, and there will be no error in saying that the influence by which the exemption of the rivers from the sawdust clause of the Act was most decidedly against their best interests, and has entailed upon our river and estuary fishermen a direct and heavy loss.

*Repairs, &c.*

A considerable amount of work will be required about this hatchery during the next summer. The floors, tanks and other portions of the interior have suffered decay, caused by the constant dampness existing about this description of building. The floor, joice and portions of the studding, as well as the entire floor, requires renewing, but instead of renewing these with wood, I would suggest putting in a floor composed of rocks, gravel and sand, covered with a coating of cement. Such a floor would last for all time, and could be so constructed that perfect drainage would be secured, and all foul air from the decaying wood would be avoided.

While effecting this change there should be also an alteration in the arrangements of the troughs, substituting the transverse position of the hatching troughs for the present. This would give additional hatching capacity, and help to carry on the work more satisfactorily.

While suggesting the above changes and repairs, I beg to draw your attention to the very inadequate accommodation the rooms over the hatchery afford as a dwelling. I was informed by the late Commissioner that these rooms were never intended for occupation, at least by a man with a family, and I believe an effort was made at the time to secure a cottage in the vicinity as a residence for the officer in charge. This has not been done, and I have been compelled to put up with the poor accommodation which a few small rooms afford for a family of ten. You will readily understand how entirely insufficient this is, and being, as I am, one of your oldest officers, I trust you will be pleased to give instructions to secure for me, at least, as comfortable accommodation for my family as has been supplied at the other hatcheries. By the addition of a wing to the present building, or by adding another story, the required rooms could be obtained, and at no very great expense.

Hoping the above statements of my proceedings in the past year, together with the remarks and suggestions I have felt called upon to make, may meet with your approbation.

I have the honour to be, Sir,

Your obedient servant,

A. B. WILMOT,

*Officer-in-Charge.*

## 4.—DUNK RIVER FISH HATCHERY.

PRINCE EDWARD ISLAND, 31st December, 1884.

The Honourable A. W. McLELAN,

Minister of Marine and Fisheries, Ottawa.

SIR,—As was previously reported, the young salmon fry were successfully planted last spring in the following rivers, namely:—

|                       | Fry.    |
|-----------------------|---------|
| Dunk River.....       | 300,000 |
| Wilmot's River.....   | 200,000 |
| West River.....       | 100,000 |
| Morell River.....     | 50,000  |
| Brustiwell River..... | 50,000  |
| Montague River.....   | 50,000  |
| Wheatley River.....   | 50,000  |
| Trout River.....      | 50,000  |
| Hunter River.....     | 50,000  |
| Trout River.....      | 50,000  |
| Otter River.....      | 50,000  |

Total..... 1,000,000

At the present time there are laid down in the hatchery one million two hundred and fifty thousand (1,250,000) eggs in good condition. I thought at one time we would get scarcely any ova, owing to the water being so low in the river, they would not enter the "reception" house. A large number of fish spawned in the river, but when the wet weather set in and the water became dirty, they began to come in the house. Some fish entered as late as the 30th of November. On the 28th of November they came in faster than I could spawn them. We had in all two hundred and twenty fish (220) fish, one hundred and sixty (160) females and sixty (60) males. They averaged a trifle over seven thousand eight hundred (7,800) eggs each. I think there were quite as many fish that spawned naturally in the river as came in the house. A large number of grilse entered the reception house, but owing to the traps being too large to hold them they escaped. Only two fish died; these were hurt in the trap.

Young smolts were very numerous in the Dunk River this summer, and in Wil-mot's River anglers reported them as never having been so plentiful before. In fact all the rivers I have heard from give the same flattering account. A large number of salmon entered Wil-mot's River this fall, weighing from ten to twelve pounds. Some fifteen fish were taken by means of bait near the tide or salt water, several were also hooked with the fly but were not caught, owing to a proper salmon rig not being used. I saw eight fine salmon between the hatchery and the bridge, in the month of July; these I think could have been taken by means of a fly.

A very heavy freshet of last spring nearly carried away the reception house it, however, did considerable damage, having carried away about 24 feet from the broadside of the house. The water was 4 feet 8 inches high in the hatchery and floated all the troughs about the house, but fortunately no serious harm was done. Since the freshet I have had the troughs securely fastened, in order that they may not be disturbed again should another freshet occur. The dam and reception house have been repaired and everything is now in good working order.

It will be necessary to purchase some new cans for conveying the fry in the spring, as the ones in use are made of common tin, and are altogether too slight, and will not stand the rough handling they are subject to.

I am pleased to say that sawdust has not been thrown in the river, except on one occasion, and I think we will not be troubled very much with this evil in the future.

It is very difficult to keep poachers off the river. They are continually on the look-out, and if it were not for the exertions put forth by the wardens and myself, the salmon would soon be exterminated. Poachers have made daring attempts to fish several times, but they have been driven off without catching any fish. It is almost impossible to catch these parties, owing to the thick woods in this locality.

I have endeavoured to give you all the particulars in regard to the working of this hatchery, and trust they may meet your approval.

I have the honour to be, Sir,

Your obedient servant,

HENRY CLARK,

*Officer-in-Charge.*

### 5.—ST. JOHN RIVER HATCHERY.

RAPID DES FEMMES, ST. JOHN RIVER, 31st December, 1884.

The Honourable A. W. McLellan,  
Minister of Marine and Fisheries, Ottawa.

SIR,—I have the honour of making the following report on the operations carried on at the Dominion salmon hatchery, situated at the Rapid des Femmes stream, on the St. John River, in the Province of New Brunswick.

In the fall of the year 1883 I reported having laid down in the hatchery two hundred and eighty-four thousand (284,000) salmon eggs, collected on the Serpentine, a tributary of the Tobique River. Later in the season, through your kindness, I received a further supply of eggs from Tadoussac, Province of Quebec. I went to St. John to meet them, but they suffered considerably on the way. When they were placed upon the trays, and thoroughly picked over, there remained, by approximation, two hundred and ten thousand (210,000) eggs. In the month of March I received a still further supply from Mr. Alexander Mowat, of the "Dee Side" hatchery, on the Restigouche River, of four hundred thousand (400,000) eggs, making in all eight hundred and ninety-four thousand (894,000) ova laid down in the hatchery, all of which, I am pleased to state, did remarkably well.

In the latter part of the month of April the eggs began to hatch, the Restigouche ova hatching out about eight or ten days in advance of the others. About the 25th of May all the eggs had hatched. The Restigouche eggs were a splendid lot—large and well formed, and hatched out with comparatively little loss, and developed rapidly. I confidently hope that they will improve the quality as well as the quantity of salmon in these rivers.

On the 18th of June I commenced to plant the young fry, and finished the work the 10th of July, an operation that was successfully carried out with but very little loss of young fish.

By orders, they were planted in the following named rivers, viz.:—

|                                      | Fry.    |
|--------------------------------------|---------|
| St. John River, Victoria County..... | 461,000 |
| Tobique do do do .....               | 150,000 |
| Salmon do do do .....                | 100,000 |
| Skiff Lake, York do .....            | 30,000  |
| Baker Brook, Madawaska do .....      | 30,000  |
| Emerson do do do .....               | 10,000  |
| Rapid Des Femmes Stream .....        | 30,500  |
| Total.....                           | 811,500 |

During the remainder of the summer I overhauled and cleaned out the entire hatchery and varnished the troughs, trays and main tank, and made all other suitable arrangements to receive a new supply of eggs in the fall of 1884. The hatchery is now in complete running order in every particular. I do not consider it second to any other in the Maritime Provinces.

I was much pleased with a visit from the Superintendent of Fish Culture last summer. He made a thorough examination of the house and premises, and no doubt he will give the Department the benefit of his inspection.

On the 28th of last September I left here for the Tobique River, in quest of parent salmon to stock the hatchery. I am sorry that I was not as successful as could be desired, but under the circumstances it could not very well be otherwise, as the special warden that was appointed to guard the spawning grounds did not receive his appointment until it was too late, consequently the "Serpentine" was completely devastated by poachers almost a month previous to the warden's appointment. If he had been appointed about the 15th of June (as I expected he would be), I have no doubt in my mind but that I would have got at least six hundred thousand (600,000) ova. As it was, I only caught forty-three (43) salmon, twenty-five (25) females, and eighteen (18) males, from which I got one hundred and eighty-six thousand (186,000) eggs. These were the largest and finest salmon I ever caught on the Tobique. On the 25th of October I got home to the hatchery and placed the eggs on the hatchery trays.

There is an excellent supply of water in the hatchery this winter. Previously, there was much trouble with the water getting low in the house, and on one occasion it stopped running altogether, owing to a defect in the dam. This fall a contract

was given to have the dam and water course-repaired, and now there is an abundance of water to withstand the severe frost this winter.

It is to be regretted that the supply of eggs in the hatchery is so small, as the arrangements of the house are complete, with sufficient room and appliances for several millions of eggs. I would, therefore, respectfully request that a few hundred thousand ova be sent here from some of the other houses having a large supply on hand. I am in hopes that in a few years the rivers here will be so improved that there will be no difficulty in obtaining a sufficient supply of salmon eggs to fill this establishment. The only thing needed to accomplish that much-desired end, is strict protection. There can be no doubt but that these rivers are well filled with young salmon "parrs," from 4 to 6 inches long. I have observed numbers of them along the river, more particularly in the cribs where the salmon were kept for spawning. I was informed by an old fisherman that he saw fully a thousand of these young salmon in one place at the mouth of the "Narrows," on the Tobique River. Quite a number of "grisle" were taken in the river when fishing for parent salmon. These would weigh from two to four pounds. Many of the "parrs" and "smolts" are killed by parties fishing; and this practice is not confined to boys alone, but to grown up persons as well. I have repeatedly cautioned the people against killing them, and if they hooked any of these fish to take them off carefully and let them go; but this advice goes unheeded, as the cupidity of the generality of fishermen is beyond control.

I must again refer to the question of protection. If a good and efficient guardian is not appointed to strictly guard and protect the head waters of the Tobique River, by the 15th day of June each year, it will be impossible to get even a small supply of salmon eggs from it for this hatchery. If I were permitted to make some arrangements with the fishermen in the spring of the year to purchase salmon from them, perhaps something might be done towards getting a moderate supply, in connection with the other methods. There are three things which must attend the present method of obtaining salmon eggs here—slavish labour, with hardships; great expense compared with the small results, and very great uncertainty. I speak from experience. I have suffered severely in my efforts to capture salmon; combined difficulties make it exceptionally severe; namely, the extraordinary cold, stormy weather in the fall, and the uncommon low state of the water in the rivers. From this cause I was compelled to walk on foot fully one hundred and twenty miles through the woods in order to oversee the men's work. If the Superintendent of Fish Culture would devise some means of procuring a supply of ova for this hatchery, in like manner as at some of the other hatcheries, that would be satisfactory to the Department, I would most respectfully ask it to be done. But in case no other method than the present one will meet with the approval of your Department, I will nevertheless continue to do my utmost in succeeding years to secure as many eggs as possible.

Before concluding, I desire to refer to a novel occurrence that took place on the Tobique. It is well understood that rarely, if ever, has it been known that a salmon would rise to an artificial fly on the Tobique River, but last summer an American gentleman from Boston killed eighteen salmon with the fly on the right hand branch of the river. The question now presents itself, has artificial fish culture, by the introduction of fry from other rivers, caused this change? I am inclined to think it has.

With regard to the quantity of fuel consumed in this hatchery, it is about four tons of coal and twelve cords of wood per annum.

I have the honour to be, Sir,

Your obedient servant,

CHARLES McCLUSKEY,

*Officer-in-Charge.*

## 6.—MIRAMICHI RIVER HATCHERY.

MIRAMICHI HATCHERY, 31st December, 1884.

The Honourable A. W. McLELAN,  
Minister of Marine and Fisheries, Ottawa.

SIR,— I beg herewith to submit to you my report of the fish hatchery under my charge.

In the spring of 1884 there were hatched and successfully planted seven hundred and ninety-five thousand (795,000) salmon fry, showing a small loss of ova while hatching.

The rivers in which fry were deposited are as follows:—

|  | Fry.           |
|--|----------------|
| North-West Miramichi River.....        | 300,000        |
| Little South-West Miramichi River..... | 200,000        |
| Big South-West Miramichi do .....      | 100,000        |
| Sevogle River.....                     | 100,000        |
| Kenon's do .....                       | 60,000         |
| Stewart's Brook.....                   | 35,000         |
| Total .....                            | <u>795,000</u> |

This autumn I succeeded in capturing two hundred and seventy-three (273) parent salmon. Of this number one hundred and sixty (160) were females, and one hundred and thirteen (113) males, from which I procured one million (1,000,000) eggs, showing an average of over six thousand (6,000) eggs taken from each female fish. The ova is progressing favourably up to the present time.

During the past summer your Superintendent of Hatcheries inspected this establishment, and ordered certain repairs necessary for the hatchery, which were completed. There was an entirely new cedar foundation put under the house, and a new floor put in the hatchery, constructed of pine deals. New hatching troughs were also put in; they were made of No. 1 pine boards, and were painted outside, and varnished inside with paraffine varnish, which tends to make them proof against decay. The walls of the hatchery were also lathed and plastered and newly clapboarded, to add to the warmth of the building.

With regard to the information asked for by the Superintendent as to the results of my operations, I am sorry to say that his circular did not reach me in time to obtain much information to have put in this report so as to have it sent to him by the time required, but I know myself, and from what I have heard the net-fishermen say, that the salmon catch for this year, especially in the lower parts of the rivers, has been far ahead of any season for three or four years back.

I have also been told by a well-known angler of Newcastle, on the Miramichi, that he never saw the river so well filled with "grilse" as they are this season. When my men were at work catching parent salmon for this hatchery, they would sometimes sweep in over one hundred "grilse" from one pool.

There are a great many more shipping establishments on the river now than there were a few years ago, and they are all doing a large business in fresh salmon. This all goes to show that the salmon must be on the increase in our waters.

I have the honour to be, Sir,

Your obedient servant,

ISAAC SHAESGREEN,

*Officer-in-Charge.*

## ADDENDUM.

Since I sent my yearly report, I saw Mr. Timothy Crocker, of Newcastle, who is a large fish dealer, and we had some conversation on fish-breeding. He gave me his opinion on the subject as follows:—

He thought there was no doubt but the artificial hatching was a help to increase the fish, but he thought that we were hatching the wrong *run of salmon*. He said the summer fish did not seem to increase much, but the fall fish were very plenty the last two or three autumns, and he was very anxious to see the artificial process get a fair start, and not run it down until it got a good trial. He said I could use his name in this way.

I also saw Mr. Johnson, Postmaster at New Castle, New Brunswick, who is well acquainted with the salmon fishing. He would not agree with Mr. Crocker about the runs of fish; he thought they were all the same kind of fish in all the rivers. He had no doubt but that the artificial breeding of salmon was a help to keep up the stock in the rivers. He said salmon were holding out well, considering the way they were destroyed. From the time that salmon enter the mouth of this river until they get up into the smallest parts of the streams, they are hunted and captured in every shape and form. He was speaking from personal experience, as as he has been angling on all of our rivers for the last eight or ten years.

ISAAC SHEASGREEN.

P.S.—Mr. Crocker does a very large business in the fresh fish trade, and has been working among salmon since he was a boy.

## 7.—RRSTIGOUCHE RIVER HATCHERY.

RESTIGOUCHE HATCHERY, 31st December, 1884.

The Honourable A. W. McLELAN,  
Minister of Marine and Fisheries, Ottawa.

SIR,—I herewith beg to submit the following report in connection with the working of this hatchery under my charge for the year 1884.

The fry hatched last spring and previously reported were planted in the following rivers:—

|                        |        |               | Fry.    |
|------------------------|--------|---------------|---------|
| Nepisequit             | River, | June 3rd..... | 50,000  |
| do                     | do     | do 5th.....   | 50,000  |
| do                     | do     | do 7th.....   | 50,000  |
| do                     | do     | do 10th.....  | 50,000  |
| Patepedia              | do     | do 16th.....  | 100,000 |
| Upsolquitch            | do     | do 20th.....  | 100,000 |
| Metapedia              | do     | do 23rd.....  | 100,000 |
| Main Restigouche River | do     | do 30th.....  | 440,000 |
| Total.....             |        |               | 940,000 |

The fry planted in the Nepsiquit River were conveyed ten miles by water and thence by rail to Bathurst and carried twenty miles up the river by means of teams, and distributed some twelve or fourteen miles up and down the river from canoes along the natural spawning beds.

J. De Wolfe Spur, Esq., the lessee of the river, took great interest in this work and rendered valuable assistance, as well as being personally present, and he expressed himself as being much pleased with the mode of carrying out the work, and the

healthy condition in which the fry were distributed. The fry planted in the Restigouche and its tributaries were all towed to their destination in cribs, this being a sure and most successful mode of distributing, as they are subject to a liberal supply of pure water of an even temperature all the while. A portion of the fry were carried fifty miles up the river, and appeared just as lively as when they left the nursery.

Besides the number of fry hatched and distributed, four hundred thousand (400,000) eggs were conveyed on the 22nd of January to the St. John River hatchery and placed in the hatching troughs in fine condition. The removal of these eggs to the St. John establishment was due to the limited space in the old nursery for them, and being afraid of overcrowding the fry in the spring. But I must say that I do not approve of such a course of transporting ova or young fish from their native or parent river if it is possible to avoid it. In my opinion strenuous efforts should be put forth, for each hatchery to secure a supply of eggs from the river it is located on. Such a course would seem more justifiable.

#### *Parent Salmon.*

Our nets at "Tide-head" to capture parent fish were set on the 1st of June. Owing to high water and strong currents in the river, no fish were taken until the 10th of the month and fishing was over on the 10th of August. We succeeded in capturing one hundred and eighty-six fish, seventy-eight females, seventy-three males, and thirty-five "grilse." Thirty (30) salmon were purchased from James Gillis, lessee of an adjoining station, but as they were caught in large meshed nets they were more or less injured and died from the growth of fungus in their gills. Those caught in our own nets were kept in a good healthy condition, and from them was collected seven hundred thousand (700,000) eggs, which were packed in moss and conveyed by rail, water and carriage to the hatchery. They are at the present time in fine condition.

#### *New Hatchery.*

In accordance with instructions received, the work on the new hatchery was commenced in August and continued until cold weather stayed operations. It is, however, well on towards completion, and the whole of the material is on hand to finish the work, excepting brick and lime. The tank and troughs have been ordered, and will be ready for fitting up early next summer.

As the new hatchery is calculated to hold upwards of four millions of eggs, it will be absolutely necessary to obtain a large stock of parent fish next year, and to put up a small building for the use of the guardian as well as to spawn and strip the fish in. We had very great difficulty this fall in preventing the ova from freezing during the process, and a great deal of suffering was experienced by us in manipulating the fish, from the severe cold, which had already frozen over the pond.

Owing to the coast nets now taking an undue proportion of the salmon before reaching the estuary, the Department will have to arrange with the proprietors of the two nearest stations to the receiving pond to supply salmon to be taken in small mesh pound nets at current market prices, and a proviso to that effect should be inserted in their licenses for 1885. Their names are James Gillis and Melvin Adams. These parties should be at once notified of this requirement, in order to prepare nets suitable. If they refuse to comply, the Department will be compelled to take these stations under its own control, as I cannot see any other mode of getting a sufficient number of parent fish for the hatchery. Had I been permitted to supplement the stock of parent fish from the river this season, as usual, I could have easily obtained another half million of ova for this hatchery.

It appears the run of salmon here are quite different from the Miramichi or Nova Scotia salmon. There they come in as late as October, ripe and ready to spawn, and they are taken at the head of estuaries without difficulty. In these rivers salmon all



run during five or six weeks, often in two weeks early in the season. None enter in September or October.

As for the benefits of fish culture, I may mention that, in 1883, seventeen hundred (1,700) fish, or thirty seven thousand (37,000) pounds of salmon, were caught with the fly by anglers on the main Restigouche alone. Mr. Porter Mowat, fish dealer in Campbelltown, purchased one hundred and twenty thousand (120,000) pounds, Messrs. Hogg & Nye, sixty thousand pounds (60,000) from fishermen. Allowing fifty thousand (50,000) pounds for home consumption, there would be a total (for this portion of the division) of two hundred and sixty seven thousand (267,000) pounds. These figures can be verified, and are very different from the overseers' reports, which show nearly one half less. This year, above Dalhousie, fishing has been poor, fully one-half less than last year, while below that point, on what is termed the coast fishery, it has been excellent. The freezers are all full, and railway returns give figures of nearly two hundred thousand (200,000) pounds of fresh salmon shipped from Bathurst alone.

Unfortunately the Restigouche is the only nursery for the Baie des Chaleurs. The coast netting is very extensively carried on, and being supplemented now by close traps also, they take the major portion of the fish, and unless some change can be made in the setting and limiting the length of those nets on the coast, our river or estuary fishing cannot expect the usual or requisite supply.

Very few salmon have been caught on the Matapedia or Upsalquitch Rivers by anglers. Those rivers seem to be deserted or barren. Fine sport has been had on the main river. For the last two or three years, it is the only salmon angling river we have.

I have the honour to be, Sir,

Your obedient servant,

ALEX. MOWAT,

*Officer-in-Charge.*

8.—GASPÉ BASIN HATCHERY.

GASPÉ FISH HATCHERY, 31st December, 1884.

The Honourable A. W. McLELAN,  
Minister of Marine and Fisheries, Ottawa.

Sir,—I beg to submit a report of the operations at the Gaspé fish-breeding establishment during the past year.

The ova last winter did well. The weather was very cold and the water supply in consequence kept low. The young fish commenced hatching the end of May; The removal of them was commenced on the 18th of June, and finished on the 25th of July. The work of distribution was stopped several days in July, on account of the high water. The following is the number of fry distributed in each river:—

|                      | Fry.    |
|----------------------|---------|
| Dartmouth River..... | 592,000 |
| York River.....      | 144,000 |
| St. John River.....  | 114,000 |
| Grand River.....     | 9,000   |
| Total.....           | 859,000 |

On the 28th of July I sent six cans, with nine thousand (9,000) fry to Grand River by steamer "Admiral," and on the 31st inst. I had the following reply respecting them: "The young fry carried well. I do not think there were ten dead ones in the lot. Colonel Walker was pleased when he saw them on board the

steamer on Monday morning, and so smart. I placed four cans above the camp, and had hard work to get up river, it being so high."

In the month of July last I was honoured with a visit from Yourself, accompanied by your Superintendent of Fish Culture. The Gaspé hatchery then received your personal inspection. Mr. Samuel Wilmot also visited the receiving pond up river. Unfortunately, a heavy freshet was then running, which prevented the chance of seeing all the salmon that had been put in the reservoir.

The net for capturing parent fish was set on the 18th of June, and up to the 13th of July one hundred and three (103) salmon were captured. Owing to a 6 feet rise of water in the River Dartmouth, the net was removed on the 14th inst., and could not be set again until the 29th inst. Only four more fish were netted, making a total of one hundred and seven (107) fish put in the reception pond.

#### *Manipulation of Fish.*

The salmon were seined and placed in cribs on the 3rd of October. It was then seen that twenty (20) fish must have escaped during the July freshet, when a breach in the dam was made, as only eighty-five (85) fish could be found. Search was made some distance up the brook, but in vain. Although the water was very low, and scarcely any rain fell since the 1st of August, the fish were unusually late in spawning. They did not shed their ova until the 16th of October, and by the 8th of November the work was completed.

There were 38 female fish and 47 males, making a total of 85 parent fish manipulated for breeding purposes during the fall of 1884.

The number of eggs collected from these fish and laid down in the hatching troughs was two hundred and forty-five thousand (245,000).

On Wednesday, the 5th of November, a very high tide, with easterly wind and snow storm, had the effect of killing a large number of trout, and the following morning the watchman on going up the brook found some salmon dead in the scow, cribs, and stream. From the effects of the storm the water had a bad taste, and appeared about the color of indigo. I suppose the high tide must have carried up mud, or some injurious substance of a poisonous nature, which caused mortality amongst the salmon. The sudden advent of wintry weather prevented the remaining fish being carried round to the main stream.

#### *Operations at Barachois.*

In accordance with Mr. Wilmot's instructions, a telegram was sent Mr. John McCallum on the 14th of October, to secure as many parent fish as possible, and twenty-eight (28) were caught and placed in the pond. Spawning commenced here on the 3rd of November and finished on the 8th inst. There were fifteen (15) females and eleven (11) males, which gave ninety-six thousand (96,000) eggs. Two fish remained in the pond, and could not be caught on account of the long grass. The salmon were marked and carried out to the main river. The fish handled here and at Gaspé were all small sized-ones.

Mr. McCallum has observed that salmon enter the Barachois River much earlier since young fish were planted there. For instance, in 1874 salmon only entered the pools the end of August; and this year some came up as early as the end of June, and many more fish are now seen than formerly.

#### *Repairs of Hatchery.*

In accordance with instructions received, I purchased two thousand (2,000) feet of 2-inch pine flooring. I commenced removing the old floor on the 6th of August, and found that all the troughs were decayed. I therefore purchased sixteen hundred (1,600) feet of inch boards and engaged a carpenter, who commenced work on the 11th of August and finished the work on the 17th October. Having placed a

new floor and troughs throughout, I filled in between the sleepers with stone and sand, and replaced the zinc tubes in the reservoir by wooden taps, which are a great improvement and will prevent, to a great extent, the leakage of water on the floor. The cost of this extra work has been one hundred and eighty-three dollars (\$183.00).

*General Remarks.*

The three hundred and forty-one thousand (341,000) eggs now in the building are a small number compared with last year. The water supply would be quite inadequate to run the troughs were they filled with ova this season, and unless there is a rainfall before the cold weather sets in, I anticipate having to remove all the trays to the three lower boxes.

New galvanized iron stovepipes have been got, as the old ones were rusted and decayed with the dampness arising from the continual flow of water through the building. Finding, also, that the stove in use was unsafe, I ordered a new coal stove from Quebec.

Before closing I may be permitted to insert here the views entertained by Colonel Walker, lessee of the Grand River, with regard to the benefit resulting from the operations at the Gaspé hatchery. He says, when giving in his angling score, thus: "I think it an ascertained fact beyond doubt that the majority of salmon now being caught in this river are the result of stocking it with fry from the Gaspé hatchery."

I have the honour to be, Sir,

Your obedient servant,

PHILIP VIBERT,

*Officer-in-Charge.*

SUPPLEMENT.

The following remarks I beg to submit with my report on fish breeding:

"The whole system of fish culture should be closely studied by all those in charge of the several hatcheries now in operation, with a view to ascertain if there be any defects in our system: The best mode of securing the fish. The size of retaining ponds for penning them in. Manipulation of the fish. The safest plan for carrying the ova to the breeding house. The easiest and most economical system of planting the young fry in the rivers. The cans most suitable for conveyance. The distance the young fish should be placed up stream. All these details, and others too numerous to mention, should be mutually discussed by fish culturists. A conference of the officers in charge of the establishments with the Superintendent of Fish Culture might lead to a large amount of information on this important public topic." The present system of watching some of our valuable salmon streams is not calculated to improve the river and coast fisheries, and in some cases too many licenses for salmon nets have been granted. Great care and supervision is needed at all salmon rivers, where smelt, trout and other fish are seined by cod fishermen for bait, or otherwise, in order that young salmon may not be destroyed, as they too frequently are.

Respectfully,

PHILIP VIBERT,

*Officer-in-Charge, Gaspé Hatchery.*

## 9.—TADOUSSAC HATCHERY.

TADOUSSAC FISH HATCHERY, 30th November, 1884.

The Honourable A. W. McLELAN,  
Minister of Marine and Fisheries, Ottawa.

SIR,—I have to report that there was hatched out at the Tadoussac hatchery 985,000 salmon fry, disposed of as under :—

|  | Fry.    |
|--|---------|
| In St. Margaret, North-West Branch.....                          | 230,000 |
| do North East Branch .....                                       | 90,000  |
| Petit Saguenay River.....  | 180,000 |
| L'Anse St. Jean River .....                                      | 225,000 |
| Petite Isle River.....   | 50,000  |
| In small streams running into fish ponds near the hatchery ..... | 210,000 |
|  | 984,000 |
|  | 984,000 |

The salmon rod fishing has been good in most of the streams in my district, especially L'Anse St. Jean, Petit Saguenay and the River à Mars. The lessees are well satisfied with their sport, and the guardians report plenty of parent fish in them.

The St. Margaret River, north-west branch, is not fished as well as usual. In the northeast branch the fishing has been bad, which I attribute, to a great extent, is owing to a change in the channel of the river at the forks, where it joins the north-west branch, the channel being partially blocked up with stones, rocks and gravel, the result of the banks of the river being washed away. The guardians report breeding fish in the two rivers plentiful.

A great number of smolts have gone from our ponds to the salt water this year, and I have no doubt this mode of allowing them to go when they are able to take care of themselves, will prove a great success.

The salmon net fishing has not been quite so good as usual, which I attribute to their being cut off by nets on their passage upwards. The fish came up from the sea later than usual.

We secured for the hatchery this season, two hundred and seven (207) parent salmon; one hundred and seven (107) females, and have now on the trays in the hatchery, seven hundred and seventy-five thousand (775,000) ova, many of the female fish being small, have not yielded as much ova as usual.

The hatchery will require some repairs next year, the flooring, water tanks, and especially the foundation. The heavy gale and high tides of the 5th and 6th inst., have floated the wharves around the hatchery, uncovering some part of them and washing away some of the planking and facing of them.

Our dams are in good order and retain the water well.

I remain, Sir,

Your obedient servant,

JOSEPH RADFORD,

Officer in charge Tadoussac Hatchery.

## 10.—MAGOG HATCHERY.

MAGOG FISH HATCHERY, 31st December, 1884.

The Honourable  
A. W. McLELLAN,  
Minister of Marine and Fisheries, Ottawa.

SIR,—I have the honor to submit the following report of the work in connection with the Magog fish hatchery for the past year.

I commenced seining for lunge or salmon trout in Lake Memphremagog on the 11th day of October, 1883, and succeeded in catching and depositing in the pens at the hatchery, one hundred and eighty (180) parent fish, from which I obtained one hundred and sixty thousand (160,000) eggs.

As you have heretofore been informed the "Magog Textile and Print Company" in 1882 purchased the water power on the Magog River, and commenced building a dam across the said river below the hatchery. The dam was not fully completed in the fall of 1883, so the water could not be raised to a sufficient height to put in operation the new hatchery which (by arrangement with your Department) had been erected and located near the new dam on a site selected by your deputy, Mr. W. F. Whitcher, in the fall of 1882.

The dam in question, though left in the fall of 1883 in an incomplete state, was raised high enough to cause the inundation of the hatchery to the depth of several feet during a freshet. When informed by Samuel Wilmot, Esq., inspector of fish culture, that he proposed to forward to the Magog Hatchery a large number of eggs from Newcastle, I explained to him that it would be unsafe to attempt to take care of more eggs than we then had on hand.

When the rains came in the spring, the water rose until it was four feet in depth over the floor of the hatchery, and it was with the greatest difficulty that the stock of eggs on hand was saved. In order to do so I was compelled to deposit the stock on hand in Lake Memphremagog before full development.

The aforesaid dam is now fully completed, and everything is in good order for successful work, so far as relates to the hatchery building, machinery and water. Still further work in the building of fences around the grounds and the construction of pens may be required.

In regard to the fall operations, I beg leave to say that I commenced seining on the sand banks in Magog Lake on the 13th of October, and continued the work until driven off by storm and wind. When the weather moderated the fish had left the sand beds and gone further out in the lake to the spawning grounds on the gravel shoals, where it was impossible to follow them. I then moved my men up the lake about eight miles, to Lords Island, where we seined for several days, and succeeded in catching a good many fish, but unfortunately, nearly all of which were caught in both places were males, and what few females there were taken at the last named place had spawned. So that while I caught about one hundred and fifty (150) parent fish, I was unable to secure eggs enough to be of any importance, and in consequence, the Magog Hatchery will have to depend upon other sources for its supply of eggs for the ensuing year.

I now beg to report what I have before stated that, were you to authorise the expenditure of a small amount of money in preparing the spawning grounds for seining, a sufficient number of parent fish could be caught to stock the Magog Hatchery very fairly each year, and quite enough to make it practically independent of the western lakes in Ontario, and result in increasing to a satisfactory extent the supply of fish food in the various sheets of water in the Eastern Townships.

In order to learn the opinion of competent judges regarding the effect which the propagation of fish in the Magog Hatchery has had upon the production for the past year or two, I addressed several letters to prominent men living near Lake Memphremagog, and requested answers. Amongst those which have been received, I have the honour to forward the following copies for your perusal, which will, I trust, serve

to convince you that the work and expenditure in connection with this establishment has not been devoid of good results. I am confident that the increase in the numbers of salmon trout in Lake Memphremagog during the past two or three years would amount to fully as much as the expenditure which has been made for their production. The information which I get from reliable sources in connection with my own personal knowledge, convinces me that salmon trout are increasing very rapidly, that they are much larger than what were formerly caught, and that it is in a great measure owing to artificial production and better protection during the "close season."

All of which is most respectfully submitted.

Your obedient servant,

A. H. MOORE,

*Officer in Charge.*

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GEORGEVILLE, 20th November, 1884.

Mr. A. H. MOORE, Magog.

DEAR SIR—In reply to your questions as to the effects the deposit of small fry from the Magog Hatchery in Lake Memphremagog has had upon the fish production in said lake, I have to say that, there is no denying the fact that there are more fish in the lake now than there ever were before, and I cannot account for the rapid increase except it be through the work of an artificial production, and the protection of the fish during the "close season."

Yours truly,

W. H. KEYES, M.D.

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GEORGEVILLE, 22nd November, 1884.

Mr. A. H. MOORE, Magog.

DEAR SIR,—In reply to your enquiry regarding the effects of the artificial propagation of fish and their protection in Lake Memphremagog, I beg to say that I have lived near the shore of the above mentioned lake for over twenty years. During that time I have had some knowledge of the state of the lake respecting the quantity of fish caught each year, and I am fully convinced that there has never been a time when salmon trout were as plentiful in this lake as they now are. I am aware that some sixteen thousand pounds (16,000) have been caught with the hook during the past year. I attribute the extraordinary increase to the large quantities of small fry hatched in the Magog Hatchery and deposited in the lake, and the protection of the salmon trout during the "close season."

Yours respectfully,

N. A. BEACH.

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GEORGEVILLE, 22nd November, 1884.

A. H. MOORE, Esq., Magog.

DEAR SIR.—You ask to know what my opinion is regarding the increase of salmon trout or "lunge" in Lake Memphremagog.

I have had an opportunity of noticing the condition of the fishing business upon the above named lake for fifteen years, and of inspecting the fish on the shoals during the "close season" and along the shore for that length of time, and there has not been a year when the salmon trout has been so plentiful as they were this season. They could be seen in large quantities in the day time, on their spawning beds and in shoal places and they appear to be larger than usual.

I believe that the increase of fish is due to the Magog Hatchery, and also to protection during the close season.

I am, dear Sir,

Yours very truly,

WM. M. GOWAN, JR.

MAGOG, 27th November, 1884.

A. H. MOORE, Esq., Magog.

DEAR SIR.—Your letter of the 16th October, was duly received, and in reply I beg to say that I have lived near Lake Memphremagog nearly all my life and have been engaged in fishing, more or less for over twenty years, and there never has been a time within my recollection, when the "lunge" or salmon trout, were as plentiful as they are now. I know of several fishermen who have made from \$25 to \$50 per month, by fishing in the lake during the past summer with hook and line.

I have seen more beds on the shoals or the spawning grounds this year, than I ever saw before. I cannot account for this great increase in any way, unless it be caused by the protection of the lake, and by the deposit of small fry from the Mogog Hatchery.

Yours very truly,

D. E. PETERS.

11.—NEWCASTLE HATCHERY.

NEWCASTLE FISH HATCHERY, 31st December, 1884.

The Hon. A. W. McLELAN,

Minister of Marine and Fisheries, Ottawa.

SIR,—I have the honour herewith to submit to you my Annual Report of Fish Cultural Operations connected with this establishment for the past year.

The total number of fry of all kinds hatched and distributed from the Newcastle nursery, during the spring of 1884, was eight million eight hundred thousand (8,800,000), which were divided by species as follows:—

|                     |                  |
|---------------------|------------------|
| Salmon trout.....   | 5,150,000        |
| White-fish.....     | 3,500,000        |
| Speckled trout..... | 50,000           |
| Black bass.....     | 100,000          |
|                     | <u>8,800,000</u> |
| Total.....          | <u>8,800,000</u> |

These were successfully planted in the following named waters in the Province of Ontario:—

*White-fish.*

|  |                  |
|--|------------------|
| Lake Ontario.—Newcastle, County West Durham.....     | 500,000          |
| do Bowmanville, do do .....                          | 500,000          |
| do Cobourg, do E. Northumberland..                   | 500,000          |
| do Toronto, do York.....                             | 500,000          |
| Lakes in Addington and Frontenac Counties.....       | 500,000          |
| Lakes in Scotland, on Marquis of Lorne's estate..... | 500,000          |
| Lakes in Ottawa district.....                        | 500,000          |
|  | <u>3,500,000</u> |
| Total.....   | <u>3,500,000</u> |

*Salmon Trout.*

|  |                   |                     |                  |
|--|-------------------|---------------------|------------------|
| Lake Ontario.                                  | Newcastle, County | West Durham.....    | 500,000          |
| do   | Toronto, do       | York .....          | 600,000          |
| do   | Oakville, do      | Peel .....          | 200,000          |
| do   | Hamilton, do      | Wentworth .....     | 200,000          |
| do   | Port Hope, do     | East Durham .....   | 100,000          |
| do   | Cobourg, do       | W. Northumb'l'd ... | 300,000          |
| do   | Whitby, do        | South Ontario.....  | 100,000          |
| do   | Picton, do        | Prince Edward....   | 100,000          |
| do   | Bowmanville, do   | West Durham.....    | 500,000          |
| do   | Brighton, do      | E. Northumb'l'd...  | 100,000          |
| do   | Kingston, do      | Frontenac .....     | 500,000          |
| do   | Belleville, do    | South Hastings....  | 100,000          |
| do   | Niagara, do       | Lincoln .....       | 200,000          |
| Lake Simcoe.                                   | Barrie, do        | Simcoe .....        | 100,000          |
| do   | Orillia, do       | Simcoe .....        | 100,000          |
| Lake Erie.                                     | Port Stanley, do  | Elgin .....         | 200,000          |
| do   | Port Dover, do    | Norfolk .....       | 200,000          |
| Georgian Bay.                                  | Warton, do        | Bruce .....         | 200,000          |
| Lakes in North Riding of Hastings.....         |                   |                     | 100,000          |
| Muskrat Lake, County of Hastings.....          |                   |                     | 100,000          |
| Lakes in Addington and Frontenac Counties..... |                   |                     | 200,000          |
| Lakes in County of Leeds.....                  |                   |                     | 100,000          |
| Stoko Lake, north of Belleville.....           |                   |                     | 100,000          |
| Lakes in Ottawa district.....                  |                   |                     | 250,000          |
| Total.....                                     |                   |                     | <u>5,150,000</u> |

*Black Bass.*

|  |                |
|--|----------------|
| Lakes in North Riding of Hastings..... | 50,000         |
| Lakes in Stanstead County, Quebec..... | 25,000         |
| Pond at Newcastle Hatchery.....        | 25,000         |
| Total.....                             | <u>100,000</u> |

*Speckled Trout.*

|   |        |
|---|--------|
| Distributed in various streams in Ontario ..... | 50,000 |
|---|--------|

The white-fish eggs shipped to Scotland for the Marquis of Lorne were reported as having reached Inverary in good condition. Considering the long distance these eggs were transported, it is very gratifying, indeed, to have such a favourable report of them. The salmon trout and white fish eggs which were, by orders from the Superintendent, sent to Ottawa, reached their destination safely, and were hatched in the Fisheries Museum and successfully distributed in several lakes in the Ottawa district.

With regard to the general distribution of fry from this hatchery in the spring of 1884, I am pleased to state that the young fish were liberated with but little loss. Some of the points where they were distributed were a long distance from the hatchery, and before the work was completed the weather became very warm. Notwithstanding this fact, and the many difficulties connected with the planting of fry at such great distances, they reached their destinations in a healthy condition, with the exception of two shipments, intended for Owen Sound and Meaford. These, however, were planted in Lake Ontario, opposite Toronto, as they showed signs of exhaustion after remaining over night to connect with the train going north in the morning.



Just at the time when the fry were about hatching out, a portion of the dam was carried away by a heavy spring freshet. This caused a great deal of anxiety, and considerable trouble was experienced in order to keep the fry alive. The water in the upper hatching room was completely stopped when the freshet subsided, and it was found necessary to remove the eggs down stairs. As the lower flat was well filled with eggs, those brought from above made the lower hatching troughs overcrowded, and it was feared at one time that they would all suffocate for want of a sufficient supply of aerated water. However, the small supply of spring water otherwise used was conveyed into the tanks outside, and as the fry hatched out they were transferred from the troughs inside the building to the spring water tanks in good condition, and no loss of any moment was sustained. The breakage in the dam was repaired at the earliest possible convenience, and it is to be hoped that it will give no further trouble.

By orders from the Superintendent of Fish Culture, this hatchery was repaired during the past summer. Portions of it were found to be in a very dilapidated state, and had become much decayed by dampness, from the continual flow of water through it since its erection; so much so that it was unsafe to even walk across the floors. New floors, sills and hatching troughs were put down in place of the decayed ones. The rooms were painted and white-washed, and the establishment generally overhauled, thus making it fully complete as regards its requirements.

During the fall of 1884 there were collected and laid down in this nursery upwards of seven million five hundred and fifty thousand (7,550,000) eggs. These are described by species as follows:—

|                     |                  |
|---------------------|------------------|
| Salmon trout.....   | 4,000,000        |
| White-fish .....    | 3,500,000        |
| Speckled trout..... | 50,000           |
| Total.....          | <u>7,550,000</u> |

The salmon trout eggs were obtained at Pigeon Island (Lake Ontario) and at Meaford (Georgian Bay). The white fish eggs were got from the Sandwich Hatchery, and the speckled trout from Tadoussac in Quebec. The Pigeon Island eggs are at present in a remarkably healthy condition. The Meaford ova do not look so well, but are in about the same condition as those gathered from the Georgian Bay in previous years. It is generally estimated that a larger percentage of eggs is hatched from those taken at Pigeon Island than from those collected at Meaford. This loss, in the latter case, is due to the following causes: (1) The nets are allowed to remain in the water at the Georgian Bay fisheries sometimes for ten days before being lifted, when many of the fish are dead; the eggs, therefore, become unsuitable for impregnation. (2.) Frost frequently kills the eggs while being collected at such long distances out in the lake, sometimes twenty-five miles from shore. (3.) In transporting the eggs to Newcastle by railway from Meaford, some (160) hundred and sixty miles, they are subjected to rough handling by express agents and others. In this way many losses occur.

#### *Distribution of Fry.*

In connection with the distribution of salmon trout fry from this establishment, I would suggest that the greater portion of the coming spring stock be planted in Lake Ontario. For some years past the fry have been distributed in many places throughout the Province of Ontario, in numbers ranging from one hundred thousand to five hundred thousand, in numerous localities, as may be seen in the schedules of distribution for 1881-2-3-4. This plan which has been adopted for some years past, does not give the hatchery such a fair opportunity as it is entitled to for showing what "practical results" can be accomplished in the way of re-stocking many depleted waters. If the coming spring's stock of fry were principally deposited in Lake Ontario, at suitable points, such as Newcastle, Port Hope, Toronto, Kingston

and some other places where it is known for a certainty that this species of fish has been in the habit of spawning naturally, and is generally caught for marketable purposes, there is no doubt but the Department would be able to show greater results in the increase of these fish. It is unwise to have the young fry distributed in small quantities at such long distances from the hatchery, and in so many different localities. It would be more advantageous to plant them otherwise, which might be thus: Lake Ontario to receive the fry for distribution from the hatchery in the coming spring, and some other important water could be stocked another year, and so on. These large deposits would then be more beneficial than the small supplies given to so many waters as heretofore. This is an important question for consideration, and the Department should take some active steps to have the plan now suggested carried into effect.

#### *Water Supply.*

The water supply at this hatchery is not as pure as it should be. Owing to various reasons the stream upon which the breeding establishment is erected has of late years become very much changed in its nature. At one time the water was pure, cold and limpid, but latterly, especially during the hot weather, it is warm, foul, and too unhealthy for the rearing of the higher orders of fish, which are hatched in this establishment. This unfitness, however, does not prevent the hatching of the better kinds of fish during the winter months, but it *does* very materially interfere with keeping the fry on hand afterwards and during the hot weather, as the water becomes so warm as to kill the fry.

It is a well known fact that, as a country becomes cultivated and cleared of its forests, and has manufacturing establishments erected upon its streams, the water in that section becomes unsuitable for the rearing of the salmonidæ family. The ploughed lands and the modern system of drainage carries decayed vegetable matter into the water. Barnyard drainage, also, runs into the streams; and manufactories, with their poisonous dyes and other deleterious substances, completely pollute the water. The forests, also, with their shade trees, which were at one time standing on the banks of the rivers and brooks, gave cool shelter to the water. All these have now disappeared, and the extreme heat of the sun's rays has the effect of making the water excessively warm in the summer. To overcome this annually increasing difficulty an *artesian well* should be sunk here in order to have the hatchery at all seasons supplied with water of a good character. The cost of having this well bored would be trifling when compared with the many benefits to be derived from its usefulness. In this case the difficulties from spring freshets, which bring down great quantities of poisonous sedimentary matter upon the eggs, causing suffocation to the delicate fry, trouble to the employees of the hatchery, and expense to the Department, would be largely overcome; and, above all, the ponds now connected with the establishment could be used in the growth of young fish; whereas, in their present state, they are becoming almost useless. The foul creek water running through the ponds in the summer months causes weeds and filth of every description to grow so fast that it takes constant attention and considerable expense to keep them looking even respectable.

The grounds connected with this fishery are very picturesque in summer. They are visited by hundreds of people during the hot weather, and admired very much. If an artesian well were sunk to supply the ponds and hatchery with pure, fresh water, it would be a benefit in every way. Enquiries have been made in several localities where the artesian wells are in use, and it is found that they can be sunk with little expense, especially in this section of the country, where spring land abounds, and no obstructions are to be found in the way of rocks. It is to be hoped that the Department may consider it advisable to have this project carried into effect during the coming summer.

I have the honour to be, Sir,

Your obedient servant,

C. WILMOT,

*Officer-in-Charge, Newcastle Fish Hatchery.*

## 12.—SANDWICH HATCHERY.

SANDWICH, 20th December, 1884.

The Hon. A. W. McLELAN,  
Minister of Marine and Fisheries, Ottawa.

SIR,—In obedience to the call made upon me by Mr. Superintendent Wilmot, to furnish a correct report of the doings in the Sandwich fish hatchery, on the Detroit River, of which I am in charge, I herewith send a statement of the operations for the past year, giving you a full account of the eggs gathered, the number hatched, and how disposed of.

In my last report I made a showing of having gathered thirty-five million (35,000,000) whitefish eggs at the different points along the Detroit River. Out of this amount of eggs I managed to hatch twenty-seven million (27,000,000), which I disposed of as follows:—

|                                  |            |
|----------------------------------|------------|
| Peaché Island .....              | 2,000,000  |
| Fighting Island.....             | 2,000,000  |
| Bois Blanc Island.....           | 4,000,000  |
| Leamington, Lake Erie.....       | 2,000,000  |
| Pelea Island do .....            | 1,000,000  |
| Port Stanley do .....            | 1,000,000  |
| Belle Isle, Detroit River.....   | 2,000,000  |
| Kent County, Lake Erie.....      | 1,000,000  |
| Pigeon Bay do .....              | 1,000,000  |
| Meaford, Georgian Bay .....      | 3,000,000  |
| Niagara, Lake Ontario.....       | 2,000,000  |
| At Hatchery, Detroit River ..... | 6,000,000  |
|                                  | 27,000,000 |

The young fry were in a very healthy and lively condition when placed in the water at the different points, and I have the greatest hopes of hearing a good report of them in the future.

The amount of pickerel eggs gathered this last spring was fifteen millions (15,000,000), a much smaller amount than was gathered the spring before. This can be accounted for by two reasons. The first reason to be given is that the catch of pickerel this spring was very light: the second reason is that the Americans have taken a mania to hatch pickerel since we commenced the work, and are monopolizing all the fisheries on the American side, which side we have principally to look to for the eggs. The places where the eggs were got, and the numbers, are as follows:—

|   |            |
|---|------------|
| Weir Bros., Lake Huron.....                             | 2,000,000  |
| Loussau's do .....                                      | 1,000,000  |
| Hichcock & Slochums, Lake Huron.....                    | 6,000,000  |
| Gauthier's grounds, River St. Clair, American side..... | 5,000,000  |
| Meloche's grounds, River St. Clair, Canadian side.....  | 1,000,000  |
| Total.....  | 15,000,000 |

Six millions of these were planted in the river at the hatchery and four millions in River St. Clair, which makes a total of ten millions, all that were hatched. These figures show a decrease from last year's report, both in number of fish turned out and ova received. I had considerable trouble in collecting the eggs, which trouble I stated in my last report.

The hatchery was considerably run down and required some repairs, part of which I have had done. In my last report I stated that a new pipe was required to

lead to the river. Not having received any instructions in regard to it at this time I had a screen made to cover the mouth of the pipe, the last and all previous screens having been broken and torn away by the flow of ice, which is very heavy here in the winter. The screen is working well at present, and I expect that I will be able to get along admirably well with it this winter.

From information received from the different fishermen along the Detroit River, I have every reason to believe that the catch of whitefish this year will be much greater than that of last year, but as the fishing season is not more than half over, I cannot give as adequate a report as might be required at the present time of writing, but will send it on when spawning time is over.

ADDENDUM.

SANDWICH, 20th December, 1884.

The spawning time of whitefish is now over, and I send my report of this fall's operation in collecting eggs, as promised.

The catch of whitefish this fall has been somewhat in advance of that of last season, and from every information received from a majority of the fishermen along the Detroit River, I am given to understand the catch has been quite satisfactory. Of course there have been some grounds that had a smaller catch this fall than last, and in consequence caused some fishermen to be dissatisfied; but if the catch had been three times what it was, these same men would have been grumbling because they did not catch still more. On the whole, the catch is an increase from that of last fall. I have just filled the hatchery with ova from the following grounds, from which I secured fifty million eggs. The numbers of whitefish eggs at each place are as follows:—

|                                |            |
|--------------------------------|------------|
| McKees, Bois Blanc Island..... | 25,000,000 |
| Reume's, Stony Island.....     | 24,000,000 |
| Meloche's, do .....            | 1,000,000  |

Making the total now in hatchery..... 50,000,000

These eggs are looking well and are in a healthy condition. The improved "Wilmot jars," which we are using, do their work so well that it is very easy to detect the bad eggs in the glass incubators. On this account I expect to turn out a very large percentage of the ova now in course of hatchery.

Enclosed with this report of my proceedings will be found a memorial signed by most of the principal persons residing here, setting forth their views with regard to the benefits realized from the work done at this hatchery.

I have the honour to be, Sir,

Your obedient servant,

WM. PARKER,

Officer-in-Charge.

MEMORIAL.

SANDWICH, 11th December, 1884.

To the Honorable the Minister of Marine and Fisheries :

We, the undersigned members of the Councils of Sandwich Town and Sandwich West Township, and principal fishermen along Detroit River, and others, interested in the welfare of the County of Essex and its industries, do feel a deep interest in

the maintenance of the supplies of white fish and other kinds of fish in this section of the county, and desire to express our belief in the benefits which are derivable, and have been realized from the large number of young white fish and pickerel which have been bred and turned out from the Government fish hatchery at Sandwich, on the Detroit River. And further, we do believe that the Government, in its wisdom, is looking to the interests of the people of this section of the county in the maintenance of the said hatchery.

|   |   |
|---|---|
| Arthur C. Verner, mayor.                | Danl. Meloche, fisherman.               |
| James McKee, reeve.                     | Wm. Overton do                          |
| F. Bridges, councillor.                 | R. Gignac, ex-reeve and fisherman.      |
| James A. Stewart, clerk District Court. | Joseph Parre do                         |
| Louis Rafferty, ex-reeve.               | James Smith do                          |
| R. Gluns, councillor.                   | Robert Adamson do                       |
| Thos. H. Wright, Co. Treasurer, Essex.  | Jos. D. Meloche do                      |
| Pierre Domillard, reeve, Sandwich W.    | Henry C. Bell do                        |
| Noël Jolie, deputy reeve do             | C. Berritan do                          |
| Elisha McKee, councillor do             | Geo. A. Gauthier do                     |
| Wm. Benson, collector of Customs.       | Wallace Gauthier do                     |
| J. Davis, inspector of distilleries.    | C. H. Ashdown, public school teacher.   |
| C. A. Pequegnot, merchant.              | Joseph Allen, fisherman.                |
| G. W. Mason do                          | Frank E. Marcome, deputy clerk H.C.J.E. |
| John Speers do                          | J. C. Iler, sheriff.                    |
| C. W. Gauthier, fish dealer.            |   |