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- 16... **PENITENTIARIES IN CANADA**:—Report of the Minister of Justice on, for the year ended 30th June, 1883.
- 17... **LIBRARY OF PARLIAMENT**:—Report of the Librarian. (*Sessional Papers only.*)
- 18... **UNFORESEEN EXPENSES**:—Statement of payments charged to, by Orders in Council, from 1st July, 1883, to date, in accordance with the Act 46 Vic., chap. 2, schedule B. (*Sessional Papers only.*)
- 19... **SUPERANNUATION**:—Statement of name, etc., of each person superannuated, etc., under the Act 46 Vic., chap. 8, sec. 15.
- 19a. Return (*in part*) to Order; Statement showing separately, for each year since the establishment of 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. 5. The number of persons on the list, for the year, who died in the Service;—and 6. The total amount paid into the fund from the beginning by those who, during the year, died in the Service.

- No. 19b. SUPERANNUATION :—Supplementary Return, covering time lapsed since preceding order. (*Sessional Papers only.*)
- 19c. Return to Order; Return of the total amount paid into the Superannuation Fund during the time of service by each of those superannuated during the year ended 31st December, 1883. (*Sessional Papers only.*)
- 20... GOVERNOR GENERAL'S WARRANTS :—Statement of, issued since the last Session of Parliament, in accordance with the Act 41 Vic., chap. 7, sec. 32, sub-sec. 2, on account of the fiscal years, 1882-83, and 1883-84. (*Distribution only.*)
- 21... SUBSIDIES :—Return to Order; Return of moneys advanced to New Brunswick, on account of and in anticipation of the subsidy, since January 1st, 1882, etc. (*Not printed.*)
- 21a. Return to Order; Statement of all sums paid by Canada on account or in full of the subsidies voted to the several railway companies mentioned in chapter 26, Act 46 Vic. (1883).
- 21b. Return to Address; Copies of all correspondence, etc., respecting the grant or payment of any subsidies to railways, not already brought down, to date.
- 21c. Return to Address; Statement showing: 1. The names of all railway companies which have made application to the Government or Parliament of Canada for subsidies from 1867 up to this date; 2. The names of the railway companies to which have been granted and paid subsidies by the Dominion Government, from 1867 to this date; 3. The sums paid to each of the said railway companies from 1867 to this date; 4. The length of the said Railways; 5. The names of the Province or Provinces traversed by the said railways; 6. The original amount of the mortgage held by the Dominion on the properties of the Northern Railway Company of Canada; 7. Copy of the Order in Council effecting the discharge of the said mortgage in favour of the said company, the date of the said discharge, and the amount of interest accrued on the said mortgage at the date of discharge; and 8. The amounts paid by the Government of Canada, from 1867 to this date, for the extension of the Intercolonial Railway in the City of Halifax. (*Not printed.*)
- 21d. Return to Address; Copies of all correspondence, etc., not already brought down, in reference to subsidies or grants for Manitoba, the extension of its boundaries, the territory disputed between it and Ontario; its school lands, public lands within the Province, and railway questions affecting the Province.
- 21e. Return to Address; Copies of all correspondence, etc., respecting the construction or subsidizing of the proposed railway line between Gravenhurst and Callander. (*Not printed.*)
- 21f. Papers respecting aid to Quebec and other Provinces and railway subsidies, as follows:—Memorandum respecting the claim of Quebec; Montreal to St. John, Halifax and Sydney; Irondale, Bancroft and Ottawa Railway; Pontiac Pacific Junction Railway; Ottawa and Gatineau Valley Railway; Napanee and Tamworth Railway; Erie and Huron Railway; Ontario and Pacific Railway; Kingston and Pembroke Railway Company; Railway and Bridge between Jacques Cartier Union Railway Junction and St. Martin's Junction; St. Louis to Richibucto Railway; Hopewell to Alma; St. Andrews to Lachute Railway; Grand Piles to Lac des Iles Railway; Western Counties, Annapolis to Digby Railway; Baie des Chaleurs, Caraquet to Shippigan; Metapediac to Paspébiac; Miramichi Valley Railway; Derby Station to Indian Town (I. C. R. Branch.) (*Sessional Papers only.*)
- 21g. Copy of contract between Her Majesty the Queen, acting in respect of the Dominion of Canada, and therein represented by the Hon. Sir Charles Tupper, K. C. M. G., Minister of Railways and Canals,—and the Northern Pacific Junction Railway Company. (*Not printed.*)
- 22... EXPENSES OF COMMISSIONERS, ETC. :—Return to Order; Return showing the expenses in detail incurred by the several members of the Government, and any other person sent to England or elsewhere, on behalf of the Government, from 16th December, 1880, to the present. (*Not printed.*)
- 22a. Supplementary Return to preceding. (*Not printed.*)

- No. 23... EMPLOYÉS IN MILITARY DISTRICTS:—Return to Order; Return showing the name of each officer and employé in each Military District, with salary and date of appointment. (*Not printed.*)
- 24... COST OF CONVEYING PRISONERS:—Return to Order; Statement showing the cost per capita of conveying prisoners from county gaols to penitentiaries, in the years 1880-81 and 1881-82. (*Not printed.*)
- 25... DOMINION LANDS:—Return to Order; Return showing the total acres of public land sold during the year 1882, the number of parties to whom sold, the average price, and the total amount received from sales.
- 25a... Return (*in part*) to Address; 1. Copies of all correspondence, etc., with the Land Commissioner at Winnipeg, or other land agent, respecting the withdrawal of lands in the Mile Belt from homestead and pre-emption, and respecting the opening of said lands for homestead and pre-emption. 2. All correspondence, etc., as to the claims of settlers and squatters on such lands. 3. All correspondence, etc., respecting the sale of such lands, etc. 4. All regulations respecting the claims made by settlers or squatters on such land. (*Not printed.*)
- 25b... Return to Order; Return giving copies of all regulations or orders issued concerning the sale or management of Agricultural Lands, Timber Lands, Pasture Lands, Mineral Lands and Town Sites, not covered by the Order of last Session. (*Not printed.*)
- 25c... Return to Order; Representation to the Government on the subject of the simplification of the system of transfer of lands of the North-West. (*Not printed.*)
- 25d... Return to Order; Copies of correspondence, if any, between the Mayor and Council of Winnipeg and the Government, in reference to a grant or lease of the land at Fort Osborne to the city for park purposes. (*Not printed.*)
- 25e... Return to Address; Copies of the Order in Council setting apart lands to be granted to the Qu'Appelle Valley Farming Company; also, all correspondence, etc., in reference to the fulfilment of the terms of said order, and the removal of settlers found on said lands, etc. (*Not printed.*)
- 25f... Return to Order; Return showing the total number of acres of public lands surveyed in Keewatin, Manitoba and the North-West Territories, previous to the year 1883, and the cost per acre of such survey. (*Not printed.*)
- 25g... Return to Order; Return showing the total number of acres of public lands entered as homesteads and pre-emptions during the year 1883, with the number of such entries, etc. (*Not printed.*)
- 25h... Return to Address (Senate); Return showing all Orders in Council, etc., since 1st January, 1882, with reference to the sale of, or the order for the sale of, Ordnance Lands in Sorel Seigniorie. (*Not printed.*)
- 25i... Return to Order; Return concerning the sales of Dominion Lands in Manitoba and the North-West Territories during 1882. (*Not printed.*)
- 25j... Return to Order; Return showing the total number of applications for land for colonization, under Plan No. 1 of the land regulations of December 23rd, 1881, where conditions have been complied with and applications agreed to, etc., up to January 1st, 1883. (*Sessional Papers only.*)
- 25k... Return to Order; Return showing the total number of acres of public lands sold in the year 1883, the average price per acre, and the total amount received from such sales; also, the number of applications under Colonization Plans Nos. 1 and 2, under regulations of December 23rd, 1881, the number of acres granted under each application, etc. (*Not printed.*)
- 25l... Return to Order; Return showing the number of acres or square miles of timbered lands or timber limits sold by the Government since 1st March, 1883, in or convenient to the Bow River country, in the North-West, giving the names of the parties sold to, and the prices paid, etc. (*Not printed.*)
- 25m... Supplementary Return to No. 25b. (*Not printed.*)
- 25n... Return to Order; Return giving copies of all regulations issued concerning the management or sale of Agricultural Lands, Mineral Lands, Timber Lands, Pasture Lands, and Town Sites, since December 23rd 1881. (*Not printed.*)

- No. 25o. DOMINION LANDS :—Return to Order; Return of all Reports not hitherto published, relating to the character and probable resources of the country through which the Canadian Pacific Railway is being constructed, to the north of Lakes Huron and Superior, embracing all information in possession of the Government in respect to the whole of the region intervening, between the Great Lakes and the southern coast of Hudson Bay. (*Not printed.*)
- 25p. Return to Order; Copies of all applications for, etc., and statement of all sales or leases made of Coal Lands in the North-West, not covered by the Returns already ordered, and of the particulars of all conversions of leaseholds into freeholds of Coal Lands; and the payments made under any leases, sales or conversions. (*Not printed.*)
- 25q. Return to Address; Copies of all correspondence between the Provincial Agricultural and Industrial Society, also the Board of Agriculture of Manitoba, and the Government, on the subject of a grant of land in Winnipeg for Exhibition purposes. (*Not printed.*)
- 25r. Return to Order; Return showing the number of acres of Public Lands surveyed in Manitoba and the North-West Territory, in the year 1883, and the cost per acre of such survey. (*Not printed.*)
- 25s. Supplementary Return to No. 25a. (*Not printed.*)
- 25t. Return to Address; Copies of all correspondence, etc., with agents, as to the withdrawal from homestead and pre-emption of all lands south of the main line of the Canadian Pacific Railway; also, the existing regulations in respect to the disposal of said lands. (*Not printed.*)
- 25u. Return to Address; 1. Copies of all correspondence, etc., with agents as to the withdrawal from homestead and pre-emption of the lands south of the Canadian Pacific Railway. 2. All correspondence, etc., as to the claims of settlers or squatters on such lands. 3. All correspondence, etc., respecting the sales of such lands. 4. All sales effected privately up to 1st January, 1884; with the conditions and price. 5. All correspondence, etc., respecting the re-opening of said lands for homestead and pre-emption. (*Not printed.*)
- 25v. Return to Address; 1. Copies of all correspondence, etc., with the agents of the Government respecting the withdrawal from homestead and pre-emption of all lands in the Town Reserve, at Regina, Moose Jaw, and other places in the North-West Territories on the line of the Canadian Pacific Railway, and respecting the re-opening of the said lands for homestead and pre-emption, with the terms and conditions on which so re-opened. 2. All correspondence, etc., as to the claims of settlers and squatters on such lands. 3. All correspondence, etc., respecting the sale of such lands. 4. All regulations, etc., respecting the claims made by settlers or squatters on such lands. (*Not printed.*)
- 25w. Return to Order; Return showing the number of Pasture Land Leases granted in the year 1883, the name of each lessee, the estimated number of acres covered by each lease, the term of each lease, the sum received and to be received upon each lease, and the total number of acres leased, and the total receipts from leases during the year. (*Distribution only.*)
26. VICE-ADMIRALTY COURTS :—Return to Address; Return showing the amount of money paid as the emoluments of their offices, to the Judge, Registrar and Marshal of the Vice-Admiralty Courts at Quebec, Halifax and St. John, respectively; also, a Return showing the number of libels filed and cases tried in the said Courts respectively, from 1st July, 1867, to the present date. (*Distribution only.*)
- 26a. Return to Address; Copies of all dispatches not already brought down, from the Imperial Government, in relation to the Vice-Admiralty Courts in the Dominion, and the change of procedure and practice therein. (*Not printed.*)
27. LIGHTHOUSES :—Return to Order; Copies of all correspondence, etc., in connection with the erection of a lighthouse at Westhavers' Point, Hubbard's Cove, Lunenburg County, and all instructions to the Commander of the steamship "Newfield," or any other officer of the Government, in reference to said lighthouse, under which he acted on 10th June, 1882; also, copy of agreement for the purchase of land for said lighthouse between the Government and C. E. Kaulbach, Esq., M.P. (*Not printed.*)

- No. 27a. LIGHTHOUSES :—Return to Order; Return showing in detail the amounts expended, with vouchers, from 1st January, 1880, in repairs on the Pelée Island, Long Point and Rondeau lighthouses; also, copy of all correspondence between the Government and John Corbett, also William Grubb, or any other person relating to the Pelée Island lighthouse. (*Not printed.*)
- 28... DOMINION MONEY ON DEPOSIT :—Return to Order; Statement showing the amount of money on deposit to the credit of the Government of Canada on 1st January, 1884, together with the names of the banks wherein the said moneys are deposited, with the amount; also the amount at interest, with the rate allowed on the said deposits in each case. (*Distribution only.*)
- 29... RECEIPTS AND EXPENDITURE :—Return to Order; Return of, in detail, chargeable to the Consolidated Fund, from 1st July, 1882, to 20th January, 1883, and from 1st July, 1883, to 20th January, 1884. (*Distribution only.*)
- 29a. Return to Order: Return of, chargeable to the Consolidated Fund, to 10th February, in each of the fiscal years 1883 and 1884. (*Distribution only.*)
- 29b. Return (*in part*) to Order; Statement of, chargeable to the Consolidated Fund, to 20th March, 1883 and 1884, in each year respectively; also, for Return of Exports and Imports to 1st March, 1883 and 1884, respectively. (*Not printed.*)
- 30... INTOXICATING LIQUORS :—Return to Order; Return of all certificates for liquor granted under the Act of 1878 by the physicians of the County of Halton, giving the name of each physician and the number of certificates granted by each, from 1st May to 31st December, 1882. (*Not printed.*)
- 30a. Return to Order; Return showing quantity of intoxicating liquors imported, manufactured and entered for consumption in Canada, during the year ended 31st December, 1883, by Provinces, with the Customs and Excise duties accruing thereon, and the total cost thereof. (*Not printed.*)
- 30b. Return to Address; Copies of all correspondence, etc., on the subject of the importation of liquor into the North-West Territories. (*Not printed.*)
- 30c. Return of liquors sold to parties in the County of Halton, under the Canada Temperance Act, 41 Vic., chap. 16.
- 30d. Return to Order; Return of all certificates given by medical men under the Temperance Act, 1878, in Prince County, P.E.I., since that Act came into force in that County, showing by whom, to whom, and when granted. (*Distribution only.*)
- 30e. Return to Address; Copies of judgment of the Supreme Court of Canada, not already brought down, on the question of the legislative power with reference to the regulation of the sale of intoxicating liquors, and of the judgment of the Judicial Committee of the Privy Council in the case of Hodge against the Queen on the same subject, and of the shorthand writer's notes of the proceedings before the Committee, and of any correspondence in connection with the case; and also, for copies of the shorthand writer's notes of the proceedings before the Committee in the case of Russell and the Queen. (*Sessional Papers only.*)
- 30f. Return to Address; Copies of all correspondence between the Government and the Provinces respecting the Liquor License Act of 1883. (*Sessional Papers only.*)
- 31... CANADIAN PACIFIC RAILWAY :—Correspondence relating to the guarantee by the Government of interest on the stock of the Company.
- 31a. Resolution of the House; Report giving information affecting the Railway, up to the latest date :—1. The selection of the route. 2. The selection or reservation of land. 3. The payment of moneys, subsidy, advance, etc. 4. The laying out of branches. 5. The rates of tolls for passengers and freight. 6. Sundry subjects, construction of bridges, etc. 7. (1.) Transfer and operation of the Thunder Bay section, and (2.) Valuation of the rolling stock to be taken over by the Company.
- 31b. Copies of contracts for the Railway, entered into since last Session of Parliament. (*Sessional Papers only.*)
- 31c. Papers connected with an application from the Company, for an advance, on security, of a sum sufficient to enable them to continue the work of construction. (*Sessional Papers only.*)

No. 31d.	CANADIAN PACIFIC RAILWAY;—Supplementary Return to No. 31a. (<i>Not printed.</i>)
31e.	Copies of correspondence with the Finance Department relating to the affairs of the Company, since the date of the last Return to the House of Commons last Session. (<i>Sessional Papers only.</i>)
31f.	Return concerning the Company:—Pages X to XV, pages 7 to 13 (Appendix No. 3), and pages 152 to 154 (Appendix No. 9) of Departmental Report, also memorandums by Mr. Schreiber, 2nd February, 1884, on location and unfinished work. Profiles from 1 to 16, showing branch lines, main line, and approved sections thereof. Statistical return required by Consolidated Railway Act, and report of payments, etc. (<i>Sessional Papers only.</i>)
31g.	Return to Address; Copies of all contracts made by the Company for the construction of any part of its railway. (<i>Sessional Papers only.</i>)
31g-1.	Return to Address; Copy of the instrument of incorporation or association of the North American Contracting Company, and the names of shareholders or associates thereof. (<i>Sessional Papers only.</i>)
31h.	Return to Address; Copies of any official or public memoranda, etc., of the Company relative to its position, etc., not already brought down. (<i>Sessional Papers only.</i>)
31h-1.	Return to Address; Statement showing the amount of the subscribed stock of the Company, prior to the authorization for an increase of its capital stock from \$25,000,000 to \$100,000,000, etc. (<i>Sessional Papers only.</i>)
31i.	Return to Address; Copies of all reports, etc., not laid on the Table, respecting the guarantee for the Company; and respecting any proposed modification of that arrangement; also, respecting the postal subsidies. (<i>Sessional Papers only.</i>)
31j.	Return to Order; Statement containing estimates of further sums required to be paid to the contractors for Section B. or to the Company, on account of contract for construction, or of any subsequent agreement. (<i>Not printed.</i>)
31k.	Return to Address; Statement of the cost of the first forty miles west of Callander, built by the company, and the payments in detail made to the Construction Company in respect of the line west to Sudbury Junction or beyond; the cost of any work done by the Company on this section since the cancellation of the contract with the Construction Company up to 31st December, 1883, and the names of the persons with whom contracts for such work were made, with copies of their contracts; like particulars in respect of the line from Port Arthur eastward; and statement of the cost of the Algoma Mills Branch. (<i>Sessional Papers only.</i>)
31k-1	Return to Address; Statement of the mileage built by, and the payments to, the Construction Company, in respect of the railway line from the point 45 miles east of the Saskatchewan going westward; of the cost to the Company of the line from the above point to the summit of the Rockies; of the estimated cost to complete that part of the railway unfinished between Callander and Port Arthur, and separately of the equipment for this part; of the estimated mileage cost of this part, and that of the very heavy section of 100 miles; like statement to complete that part left unfinished between the Rocky Mountains and Kamloops. (<i>Sessional Papers only.</i>)
31k-2	Return to Address; Statement of the mileage cost of the line for the 615 miles west of Winnipeg to a point 45 miles east of the Saskatchewan, and the names of the contractors, with copies of their contracts, including <i>Shepherd and Langdon's</i> . (<i>Sessional Papers only.</i>)
31k-3	Return to Address; Statements concerning the North American Contracting Company. (<i>Sessional Papers only.</i>)
31k-4	Return to Address; Statement of the consideration paid by the Company for (1) the St. Lin Branch, or Laurentian Railway; (2) the Canadian North-West Land Company's stock; (3) the securities or property of the South Eastern Railway; (4) the charter of the Atlantic and North-Western Railway Company. (<i>Sessional Papers only.</i>)

- No. 31k-5 CANADIAN PACIFIC RAILWAY :—Return to Address; Statement of the net price received by the Company for each lot of ten millions of stock comprising the thirty millions issued to a syndicate, etc.; also, the date and rate at which the twenty millions remaining of the original stock of twenty-five millions was taken, and dates at which the five million dollars was paid thereon. (*Sessional Papers only.*)
- 31l. Return to Address; Copies of correspondence between the Government and the Company, and any other railway company, with regard to the opening of the Union Jacques Cartier Railway. (*Sessional Papers only.*)
- 31m. Supplementary Return to 31k-5. (*Sessional Papers only.*)
- 31n. Supplementary Return to 31k-4. (*Sessional Papers only.*)
- 31o. Supplementary Return to 31k-3. (*Sessional Papers only.*)
- 31p. Return to Order; Map or maps, showing the location of the Railway and branches, so far as approved, and so far as proposed. The lands set apart and those applied for but not yet set apart. (*Not printed.*)
- 31q. Return to Address; Copies of any agreement between the Government and the contractors for Section B, in regard to the transfer of the contract, and of any Orders in Council giving effect to said agreement. (*Sessional Papers only.*)
- 31r. Return to Address; Copy of a Memorial to His Excellency in Council, signed by Frank Moberly and W. A. McCallum on behalf of the inhabitants of Neebing, praying for relief with reference to their bonuses to the Prince Arthur's Landing and Kaministiquia Railway Company. (*Not printed.*)
- 31s. Return to Address; Copies of all correspondence, etc., between the Government and the 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, etc. (*Not printed.*)
- 31t. Return to Address; Copies of all correspondence, etc., relating to the allowances proposed to be paid to the Canadian manufacturers of certain goods required by the Railway; all applications for such allowance, a Statement of the calculations on which the allowances have been based, and the 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* percentages of all allowances on each such class. (*Sessional Papers only.*)
- 31u. Return to Address; Statement showing the names of all shareholders of the Company and the amounts of stock held by each on each of the following days, namely: 14th, 21st, 28th October, and 4th November, 1883. (*Sessional Papers only.*)
- 31v. Return to Address; 1. For a statement of the expenditure in connection with the St. Lawrence and Ottawa Railway. 2. For a statement in full detail of the amount of \$473,000 or thereabouts stated to be for sundry advances, carriers, back charges and other matters. 3. For a statement, in detail, of the payments on account of interest on stock. 4. For copies of all reports, etc., on which the estimates of the Company and Mr. Schreiber, as to the cost of completing the railway are founded. (*Sessional Papers only.*)
- 31w. Supplementary Return to No. 31k-2. (*Sessional Papers only.*)
- 31x. Supplementary Return to Statement No. 31k-1. (*Sessional Papers only.*)
- 31y. Supplementary Return to No. 31k. (*Sessional Papers only.*)
- 31z. Return to Address; Copies of all papers, etc., in connection with all payments or advances to the Company on any account whatever, not included in the statements already brought down. (*Sessional Papers only.*)
- 31aa. Papers in connection with arbitrations arising out of claims in respect to the construction of certain sections of the Railway. (*Sessional Papers only.*)
- 31bb. Copies of letters from Messrs. Manning, McDonald & Co., of the 7th January, —a d 24th February, 1881, respectively. (*Sessional Papers only.*)

CONTENTS OF VOLUME No. 10.

- No. 32... BANKS:—Lists of Shareholders of the Canadian Banks for the year 1883.
- 33... CIVIL SERVICE:—Return (Senate) of the names and salaries, etc.; of the employés of the Civil service, also the officers of the paid Militia Staff, the Senate and House of Commons. (*Sessional Papers only.*)
- 33a. Return (Senate) of the names and salaries of all persons appointed to or promoted in the Civil Service during the year ending 31st December, 1883, specifying the office to which each has been appointed or promoted. (*Sessional Papers only.*)
- 33b. Report of the Examiners for the year 1883.
- 34... BONDS AND SECURITIES:—Detailed statement of, registered in the Department of the Secretary of State of Canada. (*Not printed.*)
- 35... ACCIDENTS ON CANADIAN RAILWAYS:—Return to Order; Return of accidents and casualties on the railways in Canada for the three years ended 31st December, 1882, with a separate statement for each railway, etc. (*Not printed.*)
- 36... AGRICULTURE:—Return to Orders; Statement of the values of agricultural implements, carriages, etc., on which have been based the proposed new specific duties, etc.; also, Statement of the values assigned in making the calculations of the duties to be proposed for the various articles on which specific or combined specific and *ad valorem* duties are proposed to be charged under the Tariff Resolutions. (*Not printed.*)
- 36a. Statement (*in part*) of all expenses incurred by the Committee appointed during the Session of 1882, to enquire into and report upon the operation of the Tariff upon the Agricultural Interests of the Dominion. (*Not printed.*)
- 36b. Return to Order; Copies of all Petitions to the Minister of Agriculture, requesting that prizes be granted for the best essays upon the Agricultural Industries and Mechanical Arts, and that the essays upon these subjects be distributed among the farmers and artisans. (*Not printed.*)
- 36c. Report on Agricultural Statistics of Manitoba and the North-West Territories, for the year 1883. (*Not printed.*)
- 37... DUFFERIN BRIDGE, OTTAWA:—Return to Address; Copies of all correspondence, etc., in reference to the remission of duty on the iron imported for the construction of Dufferin Bridge in 1873. (*Not printed.*)
- 38... DOMINION STATUTES:—Official Return of the distribution of, being 46 Victoria, 1883. (*Not printed.*)
- 38a. Report of the Commissioners appointed to consolidate and revise the Statutes of Canada. (*Not printed.*)
- 39... CANADIAN LOANS:—Return to Order; Copies of all Departmental Orders, etc., as to the proposed Canadian loan of four millions. (*Not printed.*)
- 39a. Return to Address; Copies of all papers, etc., relative to the mission of the Minister of Finance to England, in 1883, for the purpose of making arrangements for the issue of a new loan. (*Not printed.*)
- 40... EXCHANGE BANK OF CANADA:—Return to Address; Statement in detail of the account of the Government with the Bank, and all correspondence, etc., relative to any deposits or withdrawals. (*Not printed.*)
- 41... CENSUS AND STATISTICS:—Report, required by sec. 25 of the Census and Statistics Act of 1879, of operations and expenses during the calendar year 1883. (*Not printed.*)
- 42... SESSIONAL RETURNS, EXPENDITURE FOR:—Return to Order; Statement of the sum expended in each year, since the change of the system, by each Department, out of the lump vote for Sessional Returns. (*Not printed.*)
- 43... LA COURIER DE ST. HYACINTHE:—Return to Order; Detailed Statement of the expenditure of the sums of \$5,000 and \$2,688.74, paid to *Le Courier de St. Hyacinthe*. Also, similar particulars with reference to the expenditure of \$3,239.20, for publication of the proceedings of the Royal Society. (*Not printed.*)

- No. 44... **DAMOUR D., DISMISSAL OF:**—Return to Address; Copies of all Orders in Council, etc., in relation to the dismissal of David Damour, heretofore Captain of the Lightship at Isle Rouge. (*Not printed.*)
- 45... **DOMINION STEAMERS:**—Return to Order; Copy of the report of Captain Scott, R.N., and assessors, with the evidence upon the loss of the steamer "Princess Louise." (*Distribution only.*)
- 45a. Return to Order; Copy of contract, etc., entered into by the Government with Jotham O'Brien, for the building of the steamer "Princess Louise"; also copies of all Orders, etc., relating to the towage of the said steamer from Maccan to Halifax; and also any contracts, etc., in reference to the procuring and building of engines for the said steamer. (*Not printed.*)
- 45b. Return to Order; Copies of all reports made by the steamboat inspectors of hulls and machinery, upon the steamers "St. Lawrence," "Prince of Wales," and "Northern Light," since their appointment; and all correspondence, etc., relating to the stoppage of the two former steamers from carrying passengers and freight during the past season or to the employment of the "Northern Light" and "Napoleon III." in their place. Also, copies of all certificates granted to either of said steamers "Northern Light" and "Napoleon III." Also, copies of all correspondence relating to the state of repair of the "Northern Light," or to her being placed upon the slip at Pictou during the past summer. (*Distribution only.*)
- 45c. Return to Order; Return of the names of the several persons who sent in tenders for the construction of a steamer to replace the "Princess Louise," and of the person to whom the contract was awarded; also, copy of specifications furnished parties tendering. (*Not printed.*)
- 45d. Return to Order; Return of a Statement in detail, of the amount paid Mr. Jotham O'Brien on his contract for building the "Princess Louise," together with any certificates upon which the same or any portion has been paid. (*Not printed.*)
- 45e.. Return (*in part*) to Address; Copies of all correspondence, etc., respecting a grant for the winter service performed on the St. Lawrence, between Murray Bay and Rivière Ouelle, by the steamer "Fulger;" also, a Statement of the sums paid, or to be paid, by the Dominion for that purpose. (*Not printed.*)
- 46... **EXPORTS AND IMPORTS:**—Return to Order; Return of the Exports and Imports from 1st July, 1882, to 1st January, 1883, and from 1st July, 1883, to 1st January, 1884, distinguishing the products of Canada and those of other countries. (*Distribution only.*)
- 47... **JACQUES, JAMES H., AND KEARNEY, CHARLES:**—Return to Order; Copies of all correspondence in relation to the appointment of James H. Jacques and Charles Kearney, of Carleton County, N.B., to positions in the Civil Service of Canada. (*Not printed.*)
- 47a. Supplementary Return to preceding. (*Not printed.*)
- 48... **DRAWBACKS:**—Return to Order; Return of all memorials, etc., asking for a drawback on sugar refined in Canada when exported to any foreign country; also, copy of any regulations made for such drawback. (*Not printed.*)
- 48a. Return to Order; Return of all claims presented for drawback on materials used for shipbuilding, for the year ended 30th June, 1883; also, for the six months ended December 31st, 1883, giving the name of the applicant, etc. (*Distribution only.*)
- 48b. Return to Order; Return of all claims presented for drawbacks on goods manufactured for export (not included in the last Return made to this House), showing the names of all applicants, etc. (*Distribution only.*)
- 48c. Supplementary Return to No. 48. (*Not printed.*)
- 48d. Return to Order; Return showing the amount paid, and to whom paid, etc., as drawback on cotton duck used for sails for ships and fishing boats in 1883. (*Distribution only.*)
- 49... **DUSTAN, MR., CLAIM OF:**—Return to Address; Copies of all correspondence, etc., with reference to the claim of Mr. Dustan, of Halifax, for a remission of duty on machinery for a sugar refinery. (*Not printed.*)

- No. 49a. DUSTAN, MR., CLAIM OF:—Supplementary Return to the preceding. (*Not printed.*)
- 50... TIMBER LICENSES:—Return to Address; Return of all Orders in Council, etc., relating to the granting of licenses to cut timber on Indian lands in Ontario, from January, 1875, to date. (*Distribution only.*)
- 50a... Return to Order; Return showing the total number of timber licenses or permits applied for, and granted, or refused, up to 1st February, 1883, etc. (*Distribution only.*)
- 50b... Return to Address; Copies of all correspondence, etc., with reference to the granting, cancellation and suspension of licenses to cut timber on the Indian lands near Fort William, on the Fort William Reserve. (*Not printed.*)
- 50c... Supplementary Return to No. 50a. (*Not printed.*)
- 51... HOME AND INDIAN INSTRUCTION FARMS:—Return to Order; Return showing the number closed since 1st January, 1883; the location, etc., the reason why closed; also the report, or any supplementary report, of T. P. Wadsworth, Inspector of Indian Agencies, for 1883. (*Not printed.*)
- 52... LA CLOCHE ISLAND, ETC:—Return to Address; Copies of all correspondence between the Governments of Ontario and Canada as to the sale of La Cloche Island, near Georgian Bay, or the Duck Islands, and as to the claims of the respective Governments with reference to islands in that neighbourhood.

CONTENTS OF VOLUME No. 11.

- 53... INTERCOLONIAL RAILWAY:—Return to Address; Copies of all correspondence between the Local Government and Department of Railways and Canals, respecting railway matters in Nova Scotia since 6th March, 1883.
- 53a... Supplementary Return to the preceding.
- 53b... Return to Order; Statement of the revenue and expenses of, for the six months ending December 31st, 1883. (*Not printed.*)
- 53c... Return to Order; Return of casualties, with cause and loss, etc., from March 1st, 1883, to January 1st, 1884. (*Not printed.*)
- 53d... Return to Order; Return showing the length in miles of the Railway between Rivière du Loup and Moncton; also, between the boundary of New Brunswick and Truro, together with the original cost of constructing the same, not including the rolling stock. (*Not printed.*)
- 53e... Return to Order; Statement showing the names, etc., of the several principal officials in the service of the Government on the Railway. (*Not printed.*)
- 53f... Address to Order; Return showing the number of days and the dates upon which the Intercolonial Board of Commissioners held sittings, from 1st January, 1883, to 31st January, 1884, the number of times each member was absent from meetings, the monthly allowances paid to each member, and the total amount paid to each during the time above named; also, dates upon which meetings were held outside of Ottawa, and where. (*Not printed.*)
- 53g... Return to Order; Statement showing the amounts derived from sales of buildings on the railway between Hadlow and Rivière du Loup, inclusive; by whom sold, the name of the purchaser, and the price paid for each building. (*Not printed.*)
- 53h... Return to Address; Copies of all correspondence, etc., with the Intercolonial Board of Commissioners, and a statement of the matters referred to them, subsequent to the period covered by the Return to the Address of last Session. (*Not printed.*)
- 53i... Return to Order; Copies of arrangements made between the Dominion Government and the Quebec Central Railway Company whereby the said Company enjoys the right of way over that part of the Railway, known as the St. Charles Branch. (*Not printed.*)
- 53j... Return to Address; Copies of all correspondence, etc., not already brought down, between the Governments of the Dominion and New Brunswick, relating to a claim made by the latter for the balance they claim as due them on that portion of the Railway known as the Eastern Extension, since May, 1876. (*Not printed.*)

- No. 53k. INTERCOLONIAL RAILWAY:—Return to Order; Return showing the quantity of rolling stock purchased for the Railway during the year ending 31st December, 1883; also, what has been built during the year in the Government workshops. (*Not printed.*)
- 53l. Return to Order; Comparative Statement showing the names, etc., of the employes on the Intercolonial and Prince Edward Island Railways, in the Superintendent's Office, Road Department, Mechanical Department, Stores Department, Accountant's Office; also, the names, etc., of conductors, drivers and station agents on the said respective roads. (*Not printed.*)
- 53m. Copies of Orders in Council appointing three Commissioners to investigate and report on claims arising out of the construction of the railway, etc. (*Sessional Papers only.*)
- 53n. Special Reports of these Commissioners on the claim, viz., of Neilson & McGaw, Duncan Macdonald, Frederick Turgeon, Andrew Johnson & Co., Alexander McDonell & Co., Ebenezer Hicks, Donald Fraser & Co., McBean & Robinson, Martin Murphy, Starr & DeWolf, E. A. Jones & Co., J. M. Blaikie, John Russell, Alphonse Matte, R. H. McGreevy, and Smith & Pitblado. (*Sessional Papers only.*)
- 53o. Return to Order; Statement showing the number of passes, by whom and to whom given, on the Railway, from 1st January, 1874, to 1st January, 1884, in each year. (*Not printed.*)
- 53p. Return to Address (Senate); Return showing the number of free passes on the Intercolonial and Prince Edward Island Railways, issued to persons not actually employed on these railways, between 1st January, 1874, and 31st December, 1883, with the names of the persons to whom, the dates when, and the times or occasions for which the same were issued. (*Not printed.*)
- 54... INSPECTION OF NEWFOUNDLAND HERRING:—Return to Address; Copies of all correspondence between the Governments of Canada and Newfoundland, etc., on the subject of the inspection in Canada of Newfoundland pickled herring imported; statement showing the quantity of Newfoundland herring imported in the different ports of Canada in 1883, the number of barrels and half-barrels of the said fish that have been submitted to our official inspection, and the result.
- 55... BRITISH CANADIAN LOAN AND INVESTMENT CO.:—A list of shareholders and also a statement of its affairs on 31st December, 1883. (*Not printed.*)
- 56... ACCOUNTS OF ONTARIO AND QUEBEC WITH CANADA:—Return to Address; Copies of the statements rendered to Ontario and Quebec as to their accounts with Canada; and all Orders in Council, etc., in connection therewith.
- 57... CHABOT, CHARLES, PETITION OF:—Return to Address; Copy of the complaint or petition of Charles Chabot, of St. Charles de Bellechasse, presented to the Dominion Arbitrators; also, of the record of proceedings before the said Arbitrators, etc. (*Not printed.*)
- 58... CHABOT, LOUIS, PETITION OF:—Return to Address; Copy of the complaint or petition of Louis Chabot, of St. Charles de Bellechasse, presented to the Dominion Arbitrators; also, of the record of proceedings before the said Arbitrators, etc. (*Not printed.*)
- 59... GOSSELIN, E., PETITION OF:—Return to Address; Copy of the complaint or petition of Eugène Gosselin, of St. Charles de Bellechasse, presented to the Dominion Arbitrators; also, of the record of proceedings before the said Arbitrators, etc. (*Not printed.*)
- 60... FRAUDS ON BONDED WHEAT OR FLOUR EXPORTED:—Return to Order; Copies of all correspondence, not already brought down, with reference to frauds upon the Customs in the export of Canadian wheat or flour in satisfaction of bonds given on the importation of United States wheat or flour. (*Not printed.*)
- 61... DUTY ON GRAIN, COAL, ETC.:—Return to Order; Copies of all memorials, etc., relating to the abolition of duty on grain, flour and coal during 1882, and subsequently. (*Not printed.*)

- No. 61a. DUTY ON GRAIN, COAL, ETC.:—Return to Order; Copies of all documents in relation to the abolition of the duties on lumber imported into Manitoba; together with a Statement of the quantity imported into Manitoba, and the duty paid thereon, for the years 1880, 1881 and 1882. (*Not printed.*)
- 61b. Return to Order; Return showing quantity and value of wheat and wheat flour (separately) and duty collected thereon, imported from the United States and entered for consumption, for six months ended 31st December, 1883. (*Not printed.*)
- 62... MCGILLIVRAY, ARCHIBALD:—Return to Order; Copies of all correspondence, etc., respecting the filling of the vacancy caused at Morristown, N.S., by the death of Archibald McGillivray, late Preventive Officer. (*Not printed.*)
- 63... WHEAT, FLOUR, CORN AND CORNMEAL:—Return to Order; Return showing the quantity of wheat and flour, also corn and cornmeal, imported into, and exported from the Dominion, during (1) the five months ended 30th November, and (2) the month of December, 1883. (*Not printed.*)
- 64... COAL:—Return to Address; Copies of any correspondence concerning, or regulations or orders of the United States Government under which Nova Scotia coal imported into the United States ports, is permitted to be used for ocean steamship purposes, without the payment of duty. (*Not printed.*)
- 64a. Return to Order; Statement of all coal entered ex-warehouse, free, or for exportation, during the years ending 30th June, 1882 and 1883. (*Not printed.*)
- 64b. Return to Order (Senate); Return showing quantity of coal carried by the Intercolonial Railway, from points along the line, during the year 1883, showing where delivered and the rate for carriage; and also the coal carried from Nova Scotia by steamboat and sailing vessel to the different ports of the Dominion (*Not printed.*)
- 65... PORPOISE FISHERY, RIVIÈRE OUELLE:—Return to Order; Copies of the correspondence, etc., respecting the porpoise fishery at Rivière Ouelle, Kamouraska. (*Not printed.*)
- 66... FISHERIES:—Return to Order; Statement showing name, etc., of each vessel that received bounty during the years 1882 and 1883; also name, etc., of each vessel applying for same, and refused, and the grounds of refusal. (*Distribution only.*)
- 66a. Return to Order; Return of all regulations now in force under the provisions of "The Fisheries Act," prohibiting fishing in waters situate in Ontario. (*Not printed.*)
- 66b. Return to Address; Statement showing the number of salmon fishing licenses issued during the years 1881, '82, '83 and '84, from Murray Bay to River au Canard, on the north shore of the River St. Lawrence, with the licensees' names, license fees and other correspondence, etc., relating thereto. (*Not printed.*)
- 67... RECIPROCAL TRADE WITH BRAZIL, WEST INDIES AND MEXICO:—Return to Address; Copies of all correspondence, etc., relating to Reciprocal Trade agreements between the Governments of Brazil, the West India Islands and Mexico, and Canada. Also a statement of the Customs duties imposed by these countries on their imports or exports. A statement of the quantities of the different articles exported to these countries and imported from these countries during the last ten years. A statement of commercial treaties, if such exist, between any of these countries and Great Britain.
- 67a... WASHINGTON TREATY, FISHERY CLAUSES OF:—Return to Address; Copies of all correspondence, etc., having reference to the notice given to the United States Government terminating the Fishery clauses of the Washington Treaty, or relating to any steps taken by the Government, on the subject of the use by American fishermen of the Sea Fisheries of the Dominion in view of the approaching termination of those Fishery clauses.
- 68... FREIGHT CHARGES, DUTY ON:—Return to Address; Copies of all Orders in Council, etc., with reference to the question of duty on freight charges. (*Not printed.*)

- No. 69... CUSTOMS LAWS AND REGULATIONS:—Return to Address; Copies of all correspondence, etc., between the Governments of the Dominion and the United States, and the United States National Distillers' Association, in relation to the modification of the existing Customs laws and regulations of this Dominion, and all Orders in Council, etc., in relation thereto. (*Not printed.*)
- 69a. Return to Address; Copies of all correspondence, etc., between the Governments of Canada and the United States, or the British Minister at Washington, having reference to excessive Customs duties on hay grown in and exported from Canada to the United States, and the refunding of the same. (*Distribution only.*)
- 70... QUEBEC PROVINCIAL SUBSIDY:—Return to Address; Copies of correspondence between the Dominion and Quebec, in relation to the claims of that Province against the Dominion.
- 71... FINES AND SEIZURES AT PORTS OF ENTRY:—Return to Order; Statement showing the number of seizures made at each port of entry in the Dominion during the fiscal year 1882-83; also, during the six months ending 31st December, 1883; the amount of fines exacted, and how disposed of, etc. (*Distribution only.*)
- 71a. Return to Order; Copies of correspondence, etc., respecting the seizure of coal oil barrels at Sandwich, Windsor and Walkerville. (*Not printed.*)
- 71b. Return to Order; Copies of all correspondence relating to the seizure of tobacco from the brig "Adeline;" and the inquiry held the 17th to the 21st May, 1881, at the request of Messieurs Lemessurier & Fils (*Not printed.*)
- 72... ISLANDS LEASED IN LAKE ONTARIO AND THE ST. LAWRENCE:—Return to Order; Return showing name and location of such islands as are leased in Lake Ontario and the St. Lawrence River. (*Not printed.*)
- 73... GRINDING IN BOND:—Return to Address; Copies of all Orders in Council, etc., not already brought down, on the subject of grinding in bond, or for the import of wheat and flour of United States growth or manufacture; also, for all correspondence on the subject of the transport of Canadian wheat into or through the States, and of all regulations of the United States Customs affecting such transport. (*Not printed.*)
- 74... INDIAN HARBOUR, N.S., BREAKWATER:—Return to Order; ^{REG}Copies of all papers, etc., relating to the building of a breakwater at Indian Harbour, Guysboro', N.S. (*Not printed.*)
75. BOUNTY ON MANUFACTURED IRON:—Return to Address; Copies of all correspondence, etc., on the subject of the bounty on manufactures of iron. (*Not printed.*)
76. HIGH COMMISSIONER:—Return to Address; Copies of all Orders in Council, correspondence, etc., touching the appointment of the present High Commissioner of Canada in London; the discharge of the duties of the Minister of Railways during his absence in England as High Commissioner; and the discharge of the duties of the High Commissioner during his absence in Canada, as Minister of Railways. (*Distribution only.*)
- 76a. Return to Order; Copies of all correspondence relating to any payments, claims or allowances on any account whatever in respect of the office of High Commissioner, not already brought down in separate Statements, in detail, in respect of the office during its tenure by Sir A. T. Galt, and by the present incumbent respectively, and an Estimate, in detail, of all sums payable up to this date, and yet unpaid; also, all correspondence, etc., as to the letting of a residence for the High Commissioner. (*Distribution only.*)
- 76b. Supplementary Return to No. 76. (*Not printed.*)
- 76c. Return to Order; Copies of all reports of the High Commissioner on the subject of immigration to Canada; not already brought down. (*Distribution only.*)
- 76d. Supplementary Return to No. 76. (*Not printed.*)

- No. 76c. HIGH COMMISSIONER:—Return to Order; Copy of the letter of the Minister of Agriculture of 5th July, and all cablegrams addressed to the High Commissioner, calling his attention to the demand existing in Canada for the labouring classes, and informing him that notwithstanding the large immigration which has taken place, the requirements are still unsatisfied. Also, copies of special circulars issued by the steamship companies, quoting the Minister's cable messages by request of the High Commissioner. Also, copies of the cuttings from the London newspapers on the subject, forwarded by the High Commissioner. Also, copies of all cablegrams from Canada, and cuttings from Canadian newspapers, transmitted to England; and all correspondence obtainable on the subject of the labour demand in this country. (*Not printed.*)
77. OATHS TAKEN BY GOVERNORS:—Return to Address; Copies of the Oath or Oaths required to be taken by Governors General of Canada, also by Lieutenant-Governors of Quebec, before entering upon the discharge of their duties as such. (*Sessional Papers only.*)
- 77a. Return to Address; Copies of the Commission appointing His Excellency the Governor General of Canada; the Oath or Oaths required to be taken, and the instructions accompanying the Commission, &c. (*Sessional Papers only.*)
- 77b. Return to Address; Copies of the Commission appointing the several Lieutenant-Governors of the Province of Quebec, to wit: Sir Narcisse Fortunat Belleau, René Edouard Caron, Luc Letellier de St. Just, and Théodore Robitaille; the Oath or Oaths required to be taken; and the instructions accompanying the respective Commissions, etc. (*Sessional Papers only.*)
78. DESERTERS FROM U. S. ARMY:—Return to Address; Copies of all papers, etc., relating to the arrest, in Canadian Territory, by a detachment of United States soldiers, of Henry Watson, said to be formerly a resident of Nova Scotia, and Franklin Switzer, said to be formerly a resident of Kingston, Ontario, and a person surnamed Ellsworth, who were alleged to have deserted from the United States Army. (*Not printed.*)
79. INDIANS:—Return to Address; Copies of all correspondence, etc., respecting the Indian Agent's Office in Toronto, now removed to Ottawa, with a statement showing the names, etc., of all parties since appointed to discharge the duties formerly performed by the Toronto Agency; the amount of money paid to the Indians by each; the number of families in each Agency, etc. (*Not printed.*)
- 79a. Return to Order; Copies of all correspondence between the Superintendent of Indian Affairs in British Columbia, or any other person, and the Dominion Government, respecting the recent troubles with the Indians at Metlakatla, and Fort Simpson. (*Not printed.*)
- 80... MANITOBA ELECTORAL DIVISIONS:—Return to Order; Return showing the metes, bounds, etc., of each of the Electoral Divisions in Manitoba as represented in the House of Commons of Canada; also, the successful candidates, and when there was a contest, the number of votes cast for each. (*Not printed.*)
- 81... ESQUIMALT AND NANAIMO RAILWAY:—Return to Address; Copies of all correspondence not yet laid on the Table between the Governments of Canada and British Columbia, on the subject of the construction of the Esquimalt and Nanaimo Railway. (*Distribution only.*)
- 82... SUPPLY FARM, No. 20, ON FISH CREEK:—Return to Address; Return showing all Orders in Council, etc., respecting the sale of Supply Farm No. 20, on Fish Creek, near Calgary. Also, a Return showing: 1. The number of acres under cultivation at the time of sale. 2. The buildings thereon and the cost thereof. 3. All applications for the purchase of said farm. 4. A copy of the agreement entered into between the Government and the purchaser. 5. The price agreed to be paid and how paid or payable. 6. And copies of all correspondence between the Government and any person, respecting said farm. (*Not printed.*)
- 83... DORION, E., AND LECLERC, M., CLAIMS OF:—Return to Address; Copies of the claims of Eustache Dorion, Pilot, and Moise Leclerc, Bailiff, of Lauzon, presented to the Dominion Arbitrators in December, 1883; also, all the record of proceedings in the case. (*Not printed.*)

- No. 84... HUDSON BAY NAVIGATION:—Return to Address; Copies of all correspondence between Canada and the Imperial authorities or with Manitoba, or other parties, on the subject of the navigation of the Hudson Bay, not already brought down. (*Not printed.*)
- 85... McLENNAN, R., CLAIM OF:—Return to Order; Copies of all correspondence, etc., with reference to the claim of R. McLennan to Section 31, Township 21, Range 27 West, North-West Territory. (*Not printed.*)
- 86... PROPOSED FACTORY BILL:—Return to Order; Copies of all correspondence with the Manufacturers' Association, or the Trades and Labour Council, etc., on the subject of the provisions of the proposed Factory Bill. (*Distribution only.*)
- 87... BAPTISMS, MARRIAGES AND BURIALS:—General statements and returns of, for certain districts of the Province of Quebec, for the year 1883. (*Not printed.*)
- 88... DRILL SHEDS:—Return to Order; Copy of advertisement asking for tenders for the removal and rebuilding of the drill shed in St. Thomas, Ontario; also for tenders received, marking the one accepted, with statement of total cost of work done. (*Not printed.*)
- 88a... Return to Address; Copies of the contract awarded for the rebuilding of the drill shed at Montreal, and all reports on the state of the old drill shed and the work to be done; also, copies of all Orders in Council, etc., modifying the terms of the contract, etc., between the Government and the contractor. (*Not printed.*)
- 89... SCHOOL OF NAVIGATION AT QUEBEC:—Return to Address; Copies of all correspondence in relation to the School of Navigation at Quebec, and asking for a subsidy from the Dominion for said school. (*Not printed.*)
- 90... ORDINANCES RELATING TO N.W.T.:—Copy of a Despatch, dated the 1st November, 1883, from the Lieutenant-Governor of the North-West Territories, together with copies of the ordinances passed at a legislative session of the Council of the North-West Territories, and transmitted in accordance with Section II. of "The North-West Territories Act, 1880." (*Not printed.*)
- 91... NORTH CAPE AND EAST POINT PROPOSED SIGNAL STATIONS:—Return to Order; Copies of all correspondence, etc., between the Government and any other parties, relating to the erection of signal stations at the lighthouses at North Cape and East Point, in Prince Edward Island, and the construction of two short lines of telegraph, connecting the same with the telegraph system of Prince Edward Island and Canada. (*Distribution only.*)
- 92... COST OF HEATING PUBLIC BUILDINGS:—Return to Order; Statement for each year, since the change in the system, of the cost connected with the heating of Public Buildings (including wages as well as fuel.) (*Not printed.*)
- 93... POST OFFICES AND CUSTOM HOUSES:—Return to Order; Return giving the name of each city, town and village, with the population, in Canada, in which public buildings (Post Office or Custom House, or both) have been erected, or are in course of erection, since 1st January, 1874, together with the cost and estimated cost of each; also, a Statement showing the revenue derived from the public offices in each such city, town or village. (*Distribution only.*)
- 93a... Return to Order; Copies of the reports of architects, in connection with the selection of a site for the Amherstburg Custom House and Post Office. (*Not printed.*)
- 93b... Return to Order; Return giving the quantity of land bought, and price paid, &c., for lands at Amherstburg, required as sites for Custom House and Post Office buildings. (*Not printed.*)
- 93c... Return to Order; Copies of all correspondence, etc., relating to the construction of the Post Office and Custom House at St. Thomas. (*Not printed.*)
- 94... PORT STANLEY HARBOUR:—Return to Order; Copies of all statements, in reference to the revenue of Port Stanley Harbour, made by the Great Western Railway Company under the terms of their lease of that harbour, and all reports of Government Engineers in regard to the condition of that harbour. (*Not printed.*)

- No. 95... ANTIGONISH PUBLIC BUILDING:—Return to Order; Statement of the amount expended in connection with, also copies of all correspondence relating to the public building at Antigonish, from November 1st, 1881, to the 15th January, 1884. (*Not printed.*)
- 96... BREAKWATERS:—Return to Order; Copies of all correspondence and all engineers' reports for the past two years, regarding the Ingonish Breakwater. (*Not printed.*)
- 96a. Return to Order; Copies of all correspondence, etc., with the Government, in relation to the construction of a breakwater at Point Escuminac, in the Bay of Miramichi, N.B. (*Not printed.*)
- 96b. Return to Order; Copies of contract entered into by John Sinnot for the building of a breakwater at the mouth of St Peter's Harbour, King's, P.E.I.; statement of all amounts paid for such work; also the names of the sureties and inspector. (*Not printed.*)
97. ESQUIMALT NAVAL STATION:—Return to Address; Copies of all correspondence between the Dominion and the Imperial Governments in reference to the continued maintenance of the Naval Station at Esquimalt and the continuous presence of at least one of Her Majesty's ships in British Columbia waters. (*Not printed.*)
98. ESQUIMALT GRAVING DOCK:—Return to Address; Copy of Order in Council passed in September, 1883, providing for the payment of \$130,000 to British Columbia, on account of Esquimalt graving dock. (*Distribution only.*)
99. JEMSEG, QUEEN'S, N.B., DREDGING AT:—Return to Order; Copies of report of surveys made with a view to dredging at Jemseg, Queen's Co., N.B., and all correspondence, etc., relating thereto. (*Not printed.*)
100. SWAN CREEK, N.B.:—Return to Order; Copies of all reports of surveys made with a view of improving the navigation of Swan Creek and Swan Creek Lake, Sunbury, County, N.B., by dredging or otherwise, and all correspondence referring thereto. (*Not printed.*)
101. McCOURT, D., DISMISSAL OF:—Return to Order; Copies of all correspondence, etc., with reference to Daniel McCourt, lately dismissed from his office as lock tender on the Cornwall Canal, with the date of his appointment, and his age at the time of his dismissal. (*Not printed.*)
102. ADMINISTRATION OF THE AFFAIRS OF THE N. W. T.:—Return to Address; Copies of all representations, etc., of the North-West Council, sent to the Government of Canada, on the subject of the administration of the affairs of the North-West Territories, and the complaints made by, and the grievances of the inhabitants of such Territories. (*Not printed.*)
103. CHAPLEAU, S. J. St. O.:—Return to Address; Copies of all correspondence, etc., respecting the appointment of Samuel J. St. Onge Chapleau, as a Sheriff in the North-West Territories; also, all complaints and charges, etc., against him while an employé in the Department of Railways and Canals, and the resolutions dispensing with his services in that department. (*Not Printed.*)
104. RICHELIEU AND ONTARIO NAVIGATION Co.:—Return to Address (Senate); Copy of the lease by which the Richelieu and Ontario Navigation Company is in possession of the land upon which are built the barracks situated in the town of Sorel, P.Q. (*Not printed.*)
105. RAILWAY RESERVE ON VANCOUVER ISLAND:—Return to Address; Copies of all correspondence, etc., relative to the rights of settlers or squatters on the railway reserve, Vancouver Island. (*Not printed.*)
106. IMMIGRANTS:—Return to Order; Return showing, approximately, the number of immigrants who are supposed to have settled in Ontario in the years 1879, '80, '81, '82 and '83, respectively. (*Not printed.*)
- 106a. Return to Order; Return of the number and names of the Immigration Agents employed during the year 1883, with the dates of their appointment, etc.; also, the number still employed, with their salaries and expenses. (*Not printed.*)

- No. 106b IMMIGRANTS:—Return to Order; Statement of the number of persons entering, also leaving, Manitoba by rail, during each month of the year, 1883; also, copies of all correspondence, etc., on which are based the estimates made by the Government of the number of immigrants who have settled in each Province, and in the North-West Territories, during the year; also the number of Canadians who have left the Dominion during the year. (*Not printed.*)
- 107... LIGHTS ON THE ST. LAWRENCE BELOW QUEBEC:—Return to Address; Copies of all petitions, etc., asking for the placing of lights on the River St. Lawrence, north of the Island of Orleans, in the County of Montmorency, in order to protect and facilitate navigation. (*Not printed.*)
- 107a. Return to Order; Copies of all correspondence in relation to the placing of gas floating lights in the River St. Lawrence, below Quebec, for the better guidance of steamers and sailing vessels navigating the said river. (*Not printed.*)
- 108... MILITIA:—Return to Order; Copies of all correspondence regarding the purchase of tents during 1883, by the Department of Militia and Defence. (*Not printed.*)
- 108a. Return to Order; Copies of all correspondence, etc., in connection with the purchase of Moccasins by the Department of Militia and Defence, during the year 1883. (*Not printed.*)
- 108b. Return to Order; Return showing the number of officers, non-commissioned officers and men at present comprising A, B and C Batteries, the Cavalry School and the Schools of Infantry. Also, a Return giving the names, dates of appointment, etc., of the commissioned officers of A, B and C Batteries, the Cavalry School and the three Infantry Schools, distinguishing such as are graduates of the Royal Military College. (*Not printed.*)
- 108c. Return to Order; Copies of all accounts and vouchers, including transport requisitions, rendered by the Canadian Express Company to the Department of Militia and Defence, for transport during the months of May, June, July, August and September, of 1883. (*Not printed.*)
- 108d. Return (*in part*) to Address; Copies of all letters of complaint, and replies thereto, etc., respecting the conduct of Major-General Luard at Cobourg, or elsewhere, sent by Lieut.-Col. A. T. Williams, M.P., or any other person, to the Government. (*Not printed.*)
- 108e. Supplementary Return to the preceding. (*Not printed.*)
- 109... DEWDNEY, LIEUT.-GOV. N. W. T.:—Return to Address; Copies of all correspondence, etc., respecting the appointment of an Administrator of the Government of the North-West Territories in the absence of Lieutenant-Governor Dewdney. All correspondence respecting any mission entrusted to said Lieutenant-Governor, the nature, and the instructions given, etc. (*Not printed.*)
- 110... KINGSVILLE HARBOUR WORKS:—Return to Order; Copy of all petitions, etc., respecting the Kingsville Harbour Works. (*Not printed.*)
- 111... DRAINING OF LAND IN MANITOBA:—Return to Address; Copies of all reports, etc., not already brought down, in reference to the improvement of Fairford River, the outlet of Lake Manitoba; the removal of the sand bar at the mouth of Red River, and the obstructions in Nelson River, the outlet of Lake Winnipeg, with a view to draining the submerged lands in the Province of Manitoba. (*Not printed.*)
- 112... AMERO, ROGER, ARREST OF, ETC.:—Return to Address; Copy of despatches in reference to the arrest and indictment of Roger Amero, a French Acadian, belonging to Digby, N.S., discharged from custody on an indictment for murder, in Massachusetts, U.S. (*Not printed.*)
- 113... PUBLIC HEALTH OFFICERS:—Return to Order; Return showing the names and salaries of Public Health Officers appointed in the various cities of Canada; also, copy of instructions issued to and all reports made by such officers. (*Not printed.*)
- 114... LAKES HURON AND SUPERIOR HARBOURS:—Return to Address; Return of all correspondence between the Governments of the Dominion and Ontario, in reference to the disposal by the latter of lots, covered by water in the harbours of Lakes Huron and Superior, to private individuals. (*Not printed.*)

- No. 115. WELLINGTON BRIDGE, MONTREAL:—Return to Order; Copies of all correspondence relative to the necessity of further accommodation for foot passengers at Wellington Bridge, Lachine Canal. (*Not printed.*)
116. GRAND TRUNK RAILWAY COMPANY:—Return to Address; Copies of all correspondence between the Government of Canada, Sir John Rose, and Messrs. Baring & Glynn, the Financial Agents of the Dominion, in 1875, in relation to the conduct of Mr. Potter, the President of the Company, in decrying the credit of Canada, also the credit of the Province of Quebec, in relation to the effort of the latter to effect a loan in London, or the credit of that Province for the construction of railways therein; also, copies of all correspondence etc., written by Mr. Potter, as President of the Company, reflecting upon or discrediting the credit of Canada, or the Province of Quebec, which led to the writing of the letter or letters to Sir John Rose, before referred to (*Not printed.*)
- 116a Correspondence respecting an agreement for the sale of the western section of the Quebec lines of the North Shore Railway to the Canadian Pacific Railway Company. (*Sessional Papers only.*)
117. THE QUEEN vs. MERCER:—Return to Address; Copies of the short-hand writers' notes of the proceedings before the Judicial Committee of the Privy Council in the case of the Queen and Mercer, and of the judgment of the court in that case; also, copies of all correspondence and the costs incurred by the Government in connection therewith; also, statement of any proceedings taken by the Government in matters of escheat in any of the Provinces, and for copies of all correspondence, etc., connected with all applications to the Government as to escheated lands, since Confederation, not already brought down. (*Sessional Papers only.*)
- 117a Supplementary Return to the preceding. (*Not printed.*)
118. JUDICIAL SALARIES, RE-ADJUSTMENT OF:—Return to Order; Copies of any correspondence on the subject of the increase or re-adjustment of the judicial salaries, from the 1st January, 1882. (*Not printed.*)
119. ROBERTSON AND WALLACE, CLAIMS OF:—Return to Order; Copies of all correspondence, etc., connected with the disposal of the west half of Section 6, Township 2, Range 14, west of the principal meridian, Manitoba, and particularly of all papers connected with the claims of John Robertson and of one Wallace to the said lot. (*Not printed.*)
120. FORT McLEOD TOWN SITE:—Return to Address; Copies of all Orders in Council, etc., respecting a town site at Fort McLeod. (*Not printed.*)
121. YAMASKA RIVER AND LAVALLIÈRE BAY:—Return to Order; Copies of the report of Mr. Guerin, Civil Engineer, respecting the explorations made by him on the Yamaska River, and in the neighbourhood of Lavallière Bay (*Not printed.*)
122. LAVAL UNIVERSITY:—Return to Address (Senate); Copies of all correspondence addressed to the Secretary of State for the Colonies, through the Secretary of State for Canada, concerning Laval University of Quebec, since March, 1880 to date. (*Not printed.*)
123. LIFE SAVING CREW AT PORT ROWAN:—Return to Order; Copies of correspondence in reference to a charge against the Captain of the Life Saving Crew at Port Rowan, Norfolk, Ontario, in not saving the lives of the crew of the barque "Fitzgerald," in November, 1883. (*Not printed.*)
124. WHARVES:—Return to Order; Copies of tenders for the extension of the wharf at St. Jean Port Joli, also, of the contract awarded, if such contract was awarded; a Statement of the amount expended, the work done, etc., last year, with the names of the persons, if any, in charge. (*Not printed.*)
- 124a Return to Order; Report and plans of the surveys made last summer, in St. Anne and St. André, Kamouraska. (*Not printed.*)
- 124b Return to Order; Copies of all correspondence in reference to the erection of a public wharf and bridge at Upper Woods Harbour, Shelburne, N.S. (*Not printed.*)
125. N.-W. MOUNTED POLICE:—Report of the Commissioners of, for 1883.

- No. 126. PRINCE EDWARD ISLAND:—Return to Address; Copies of all Orders in Council relating to any claim made by the Government of Prince Edward Island for compensation for money expended in constructing or repairing piers in that Province, and to the examination of, and report upon the piers of that Province. (*Not printed.*)
126. Return (*in part*) to Order; Copies of all contracts or agreements entered into by the Postmaster General, since the last session of the late Parliament, for the conveyance of the mails to and from Prince Edward Island, and all correspondence relating to steam communication between the Island and the Mainland while the navigation remains open, and, also, to the winter crossing between Capes Traverse and Tormentine. Return of all trips made by the "Northern Light" during the winter of 1881-82, with her receipts for freights and passage moneys, and the expenses of her management and running; also, copies of all instructions issued to the agent of the Marine and Fisheries Department in Prince Edward Island, relating to the running of the "Northern Light" during the present season, and all correspondence on that subject. Copies of all correspondence, etc., relating to the survey or construction of the railway authorized to be built between Cape Traverse and the main line, on Prince Edward Island. (*Distribution only.*)
127. ALPHONSE AUDET, APPOINTMENT OF:—Return to Address; Copies of Orders in Council appointing Alphonse Audet to his present position in the Civil Service. (*Not printed.*)
128. LAKE ERIE HARBOURS:—Return to Order; Return of all reports of Government engineers, respecting the construction of a harbour of refuge at Port Stanley or Port Burwell, on Lake Erie, together with the estimated cost of each. (*Not printed.*)
- 128a. Return to Order; Return of all reports of engineers, respecting the construction of a harbour on Lake Erie, in Essex, whether at Leamington, Kingsville or elsewhere, together with the estimated cost of said harbour at each place. (*Not printed.*)
129. SKIFFINGTON vs. MICHAUD & DUMAIS:—Return to Address; Copies of all reports, etc., in relation to the action brought by one Skiffington against Thomas Michaud and Florian Dumais, of St. Pascal, in 18-1, before the Justices of the Peace, together with copies of the complaints, etc.; also, charges made against the said Skiffington, or respecting him, as to the non-payment of the costs attending the actions by him instituted and dismissed with costs against him. (*Not printed.*)
130. DOMINION ARBITRATORS:—Return to Address; Statement giving the names of the Official Arbitrators and secretaries to Arbitrators, appointed to office, with date, salary and duration of office, since 1st July, 1867, up to the present time. In case of appointment having been made, or salaries increased, by Order in Council, copies of such Orders to be annexed to the Statement. (*Not printed.*)
131. RIVER ST. FRANCIS, EXPLORATIONS ON:—Return to Order:—Copies of the report of Mr. C. Michaud, Civil Engineer, as to the explorations made by him last autumn on the River St. Francis, with the object of establishing booms upon it. (*Not printed.*)
132. CARON, CLOVIS, FISHERY OVERSEER:—Return to Order; Copies of all complaints, etc., made against Clovis Caron, Fishery Overseer, for the Counties of Bellechasse, Montmagny, L'Islet and Kamouraska; also of all documents relating to his appointment to that position, and his duties as such. (*Not printed.*)
133. SHIP "BRITANNIA," LOSS OF:—Return to Address (Senate); Copies of all papers connected with the enquiry into the loss of the ship "Britannia," which struck on the North East Bar of Sable Island on the night of the 3rd September, 1883. (*Not printed.*)
134. NOVA SCOTIAN RIVERS:—Return to Address (Senate); Copies of all Reports made between 1st March, 1881, and 31st December, 1882, by F. H. D. Veith, Esq., upon the condition of the rivers in Nova Scotia, and in connection with the Fisheries in that Province.
135. GEOLOGY OF VICTORIA, INVERNESS AND RICHMOND COUNTIES:—Return to Order; Copies of the Geological Reports made by Mr. Hugh Fletcher, of the Counties of Victoria, Inverness and Richmond, with the maps accompanying the same (*Not printed.*)

- No. 136. DRUMMOND AND MACLEAN, ROGER & Co. :—Copy of an indenture relative to certain contracts entered into by George P. Drummond, and transferred by the said Indenture to Messrs. Maclean, Roger & Co., with the assent of Her Majesty. (*Not printed.*)
- 137... PERSONS CONFINED AFTER SENTENCE IN 1882 :—Return to Address (Senate); Return showing, for the year 1882, the number of persons confined after sentence in the prisons, reformatories and gaols, under the control of the local authorities of the several Provinces, the offences of which they were convicted, and the length of the sentence. (*Not printed.*)
- 138... G. B. BURLAND & Co. :—Return to Order; Copies of all correspondence in reference to any contract or contracts for lithographing entered into between G. B. Burland & Co., of Montreal, and the Dominion, showing what offers, if any, have been made by other parties for the performance of similar work, the names and addresses of such parties, and the scale of prices upon which such offers were based; also the scale of prices agreed upon between the Government and the said G. B. Burland & Co., or any other person. (*Not printed.*)
- 139... HUGHES, D. J., JUDGE :—Return to Address; Copies of all petitions, etc., preferring charges in regard to the official conduct of D. J. Hughes, County Judge of Elgin, and asking for an inquiry into the same. Also, a copy of the report or judgment on inquiry into the conduct of the said Judge. (*Not printed.*)
- 140... ST. CROIX COTTON FACTORY :—Return to Order; Statement showing the value of machinery imported for the St. Croix Cotton Factory at St. Stephens, N.B., the date of import, the amount of duties chargeable on the same, the amount paid, also still due, and the security held therefor, and copies of all correspondence on the subject. (*Not printed.*)
- 140a... Supplementary Return to preceding. (*Not printed.*)
- 141... SHIPPING ON LAKES SUPERIOR AND HURON :—Return to Order; Return showing what vessels navigating the waters of Lakes Superior and Huron were inspected during the past season of navigation, under the authority of the Government, with the names of the Inspectors; also, a Statement of vessels lost or stranded on these lakes, within Canadian waters, showing the localities where disasters occurred and the number of lives lost in each case, during the season of 1883. (*Not printed.*)
- 142... GOVERNMENT STEAM TUGS AND DREDGES, ETC. :—Return to Order; Return showing the number of steam tugs, steam dredges and dumping scows bought by the Government or built for the Government, during the year 1883, for use in the Dominion of Canada, showing where they were built, the builders' names, and the price paid for the same. (*Not printed.*)
- 143... METEOROLOGICAL SERVICE AT ST. JOHN, N.B. :—Return to Order; Return of the amount of salary or allowance made to Mr. George Hutchinson as the person in charge of the Meteorological Service at St. John, N.B.; also, amount of expenses of Mr. R. J. Stupart, going from Toronto to St. John, and other expenses preparing and fitting up office and instruments; also, any instructions from the Department of Marine and Fisheries to the Superintendent at Toronto, in reference to the change of officers at St. John, and the removal of Mr. Gilbert Murdock; also, copies of all correspondence between Mr. Gilbert Murdock and the Superintendent or Deputy Superintendent of the Meteorological Service at Toronto; also, copies of any petition, memorial or other documents in regard to the above changes. (*Not printed.*)
- 144... WATSON, T. C. :—Return to Order; Statement of all moneys paid to T. Charles Watson by the Government, showing also the services, if any, performed by said Watson since 1881. (*Not printed.*)
- 145... ONTARIO BOUNDARY AWARD :—Correspondence in connection with, between Ontario and Manitoba
- 146... LIFE SAVING STATIONS :—Return to Order; Return showing the location of the Life Saving Stations of Canada, with description of life-boats, buildings, wreck-guns and other life saving apparatus of each station; also, name and salary of captain, number of men in each crew and their pay, the articles of enlistment, the months during which such enlistment or engagement is binding; also, copy of instructions and regulations issued for the guidance of life saving crews, and reports received from captains of crews and others, as to number of imperiled mariners rescued, and amount of property saved during the year 1883. (*Distribution only.*)

- No. 147. MINING REGULATIONS** :—(Senate) Copy of those governing the disposal of mineral lands, other than coal lands. (*Not printed.*)
- 148... RIVER THAMES, SURVEYS OF** :—Return to Order; Copies of all reports, etc., of the surveys of the River Thames, at the Village of London West, in Middlesex, Ontario. (*Not printed.*)
- 149... EMPLOYÉS IN PUBLIC WORKS DEPARTMENT** :—Return to Order; Statement for the fiscal years 1873-4, 1874-5, 1877-8, 1878-9, 1880-1, 1881-2, and the current year, to date, as to persons employed in the Departments whose remuneration is charged to public works in connection with which they are employed, giving :—
1. The name. 2. The date of first employment. 3. The remuneration. 4. The nature of the service. 5. The works to which the remuneration is charged, with the amount charged to each work; also, Statement giving the names of all persons in the Public Works Department, as extra or copying clerks, whose salaries are or have been charged to particular works, since 1881. (*Not printed.*)
- 150... RIDEAU HALL AND GROUNDS** :—Return (*in part*) to an Order; Return in detail, showing the expenditure in each year since Confederation :—1. For the purchase and maintenance of Rideau Hall and grounds. 2. For furniture and all other moveables supplied. 3. For fuel and light. 4. Similar Return as in 1, 2 and 3 in connection with the Quebec Citadel. 5. For salaries of Governor General and his officials. 6. For the contingencies of the Governor General's office. 7. For travelling expenses of the Governor General and staff, besides those included in 6. 8. For labour and supplies of Dominion Steamers while conveying the Governor General, and for all expenses of every character connected with Rideau Hall. (*Not printed.*)
- 151... PARLIAMENTARY GROUNDS, OTTAWA** :—Return to Order; Reports of Messrs. Scott and Fuller, Architects of Public Works Department, and correspondence, etc., respecting claims of late James Goodwin, for extras in connection with erection of wall in front of Parliamentary grounds. (*Not printed.*)
- 152... DOMINION MONEY SPENT IN THE PROVINCES** :—Return to Order: Statement setting forth the exact amount of money expended in each of the Provinces, separately, since their entry into Confederation, up to 30th June, 1883, on works of (1) a strictly general character; (2) a strictly local character.
- 153... SECTIONS 4 AND 10, ST. LAWRENCE CANALS** :—Return to Address; Copies of all tenders for the enlargement of sections 4 (Rapide du Plat) and 10 (Cornwall) of the St. Lawrence Canals, received on 4th December, 1883, and 12th February, 1884, respectively, as well as of all correspondence, etc., on the same since the 28th September, 1883. (*Not printed.*)
- 154... GOVERNMENT HERD CATTLE IN N.W.T.** :—Return to Address; 1. Return showing all Orders in Council, etc., respecting the sale of Government herd cattle in the North-West. 2. All applications made for the purchase of such cattle. 3. All notices of sale, etc., of such cattle. 4. A statement showing the price paid for such cattle, cost of maintaining the same since purchased, the price obtained therefor, to whom and when sold. 5. All correspondence respecting the sale of said cattle. (*Not printed.*)
- 155... PAJOT FARM** :—Return to Order; Return of all correspondence, etc., respecting that portion of the Pajot Farm, in the town of Sandwich, which is claimed by the Wyandottes of Anderdon. (*Not printed.*)

SIXTEENTH
ANNUAL REPORT
OF THE
DEPARTMENT
OF
MARINE AND FISHERIES
BEING FOR THE
FISCAL YEAR ENDED 30TH JUNE,
1883.

Printed by Order of Parliament.



To His Excellency the Most Honourable Henry Charles Keith Petty-Fitzmaurice, Marquis 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; Governor General of Canada, and Vice Admiral of the same, &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 Sixteenth Annual Report of the Department of Marine and Fisheries, and the financial statements connected therewith, being for the fiscal year ended 30th June, 1883.

I have the honour to be,

Your Excellency's most obedient servant,

A. W. McLELLAN,

Minister of Marine and Fisheries.

DEPARTMENT OF MARINE AND FISHERIES,

OTTAWA, 1st January, 1884.

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SIXTEENTH ANNUAL REPORT

OF THE

DEPARTMENT OF MARINE AND FISHERIES

BEING FOR THE FISCAL YEAR ENDED 30TH JUNE, 1883,

REPORT
OF THE
DEPUTY MINISTER.

To the Honourable

ARCHIBALD WOODBURY McLELAN,
Minister of Marine and Fisheries.

SIR,—I have the honour 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, 1883. Two supplements will be issued with this Report: one comprising the reports of the Chairmen of the Boards of Steam-boat 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, and a second supplement embracing the Fisheries Reports.

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 \$1,054,267.01, while the total amount voted was \$1,181,346 38, 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 1991.

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 484, and of lights shown, 578; the number of steam fog whistles and automatic fog-horns 32, and the number of light-keepers, engineers of fog-whistles and other assistants, with crews of lightships, was 638.

The following are 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 1883, 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.....	198	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

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 one in Manitoba, at the close of navigation, was 161. This number comprises lighthouses and light-beacons, lightships maintained by the Dominion, and one lightship maintained under contract by the Dominion. There are 199 buoys and 18 beacons.

The number of light-keepers in this Division paid directly by the Government was 129, but in several cases assistants were employed by keepers and paid by them out of the allowance made by the Government for the 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 \$2,375. From the report received, it appears that the lighthouses are, on the whole, well cared for by the keepers, and their general condition satisfactory.

The following new lighthouses have been put in operation during the past season :—

A lighthouse at Port Credit, Lake Ontario, situated on a cribwork block built at the outer end of the north breakwater pier, showing a fixed white light, elevated 37 feet above water mark, visible 11 miles from all points of approach. The tower is a square wooden building, 36 feet in height from the pier to the vane of the lantern, and is painted white. The illuminating apparatus is dioptric, of the sixth order. The sum of \$1,946.36 was expended in the construction of this lighthouse.

Two lighthouses at the entrance to Owen Sound Harbor, at the mouth of the Sydenham River, Georgian Bay. These lighthouses replace the old range lights formerly maintained by the Corporation of Owen Sound and are erected near the site of the old lights. The front light, which is a red dioptric light, elevated 22 feet high and visible for 6 miles, is shown from a square white wooden tower, 21 feet high, standing on a small block built on the starboard side of the dredged channel. The back light is white dioptric in character and is elevated 39 feet above water mark, and is also shown from a white wooden tower, 34 feet high, standing upon the western pier work embankment at the mouth of the river. This light is 1,520 feet distant from the front light and should be seen at a distance of 11 miles. The two lights in range lead to the dredged channel at the mouth of the river. The cost of these lights will appear in the accounts of the past fiscal year.

A new beacon light at the mouth of the Saugeen River, Lake Huron. A fixed green dioptric light, elevated 30 feet above high water mark and visible for 7 miles from all points of approach, is shown from a lantern hoisted on a mast, erected on a crib built 50 feet from the outer end of the breakwater pier, at the north side of the mouth of the river. The light is intended to guide fishing boats into the Saugeen River.

A new beacon light at the entrance of Cobourg Harbor, Lake Ontario. A fixed red dioptric light, elevated 26 feet above water mark and visible 6 miles from all points of approach, is shown from a mast erected on the outer end of the west breakwater pier, and is intended to mark the end of the pier. The cost of this light will appear in the accounts of the present fiscal year.

Six new lighthouses on the Upper Ottawa River, at the following points, viz.:—

At Aylmer Island, in Lake des Chênes; Baskin's Wharf, Lake des Chênes, about 12 miles above Aylmer; Buckom's Point, in the same Lake, about 16 miles farther up the Ottawa; Morrison's Island or Hawley's Island, about 3 miles below Pembroke, and McQuestion's Point, on the south shore of the Deep River, about 25 miles above Pembroke. In each case a fixed white light is shown from a small dioptric lantern, hoisted to the top of a mast, having a small shed at its base.

Reference was made in the Report of last year to the construction of a new pier and lighthouse at Colchester Reef, Lake Erie. Considerable progress was made by the contractor during the past season, but owing to the iron caisson being destroyed by a storm before it was secured, operations had to be suspended and the work cannot be completed before next season. As will be seen by reference to Appendix No. 8, the sum of \$3,611.88 was expended on this lighthouse during the past fiscal year. A lightship was maintained on the reef during the past season by Mr. George Campbell, of Windsor, under contract with the Department, but during the gale of the 14th November last, this lightship foundered at her anchors, and before assistance could be rendered, the crew, consisting of two persons, were drowned. Owing to the lateness of the season, when this casualty occurred, it was not deemed advisable to replace the lightship.

The contract for the new lighthouse on Mississauga Island, Lake Huron, referred to in last year's Report, having been awarded to Mr. Alex. Cameron, of Lancaster, and declined by him, was given to Mr. John E. Askwith, of New Edinburgh, the next lowest tenderer, and the work has been carried out by him, and the light will be shown on the opening of navigation next season. The contract price was \$3,400.

During the past season tenders were invited for the construction of the new lighthouse on Hope Island, Georgian Bay, referred to in the Report of last year, and the contract has been awarded to Mr. T. R. Caton, of Parry Sound, who is proceeding with the work. The contract price is \$2,777.

Tenders were also invited, during the past season, for the construction of a pier and beacon light in Collingwood harbour, and the contract for this work was awarded to Mr. Robert Reed, of Thornbury, for the sum of \$854. The work is in course of construction.

Tenders were also invited, during the past season, for the construction of a mast and shelter shed for a beacon light at Gravenhurst Narrows, Lake Muskoka, and the contract awarded to Mr. Henry Castle, of Gravenhurst, for the sum of \$427.

Tenders were also invited for the construction of lighthouses in the north channel of St. Mary's River, 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; and also for a lighthouse in the Village of Manitowaning, and one at the extremity of Cape Robert, both on the Great Manitoulin Island, in the District of Algoma, but no contracts have as yet been awarded for these works.

It is also proposed, in the interests of the rapidly increasing navigation on the north shore of Lakes Superior and Huron, to erect a lighthouse on one of the islands lying near to the entrance to Algoma Mills and tenders will shortly be invited for the construction of this lighthouse.

Tenders were also invited for the construction of a lighthouse on Swampy Island, off the mouth of Berens River, Lake Winnipeg, and the contract has been awarded to Mr. Richard Dickson, of Selkirk, for \$2,900.

During the past season a beacon lighthouse, consisting of a mast and shed erected on a pier, was established on Isle Perrot, River Ottawa, opposite Ste. Anne de Bellevue, to replace the lighthouse burnt down in September, 1880.

The contract for the erection of this lighthouse was awarded to Mr. James Sheridan, of Montreal, for \$249.

A new lighthouse was also erected on Cherry Island, in the River St. Lawrence opposite St. Anicet, in the County of Huntingdon, to replace the old lighthouse which had become past repair. The contract for this work was carried out by Mr. Alexander Cameron of Lancaster, for the sum of \$675.

During the past season extensive repairs have been made to the pier and lighthouse at Gull Rock, near Port Hope, Lake Ontario, and the lighthouses at Griffith Island, Long Point, East End, and Pelee Island, in addition to ordinary repairs at other stations.

A new revolving apparatus has been supplied to the lighthouse at Gibraltar Point, near Toronto, at a cost of \$972.71.

The following changes have occurred in the list of keepers of lights in this Division, since the date of last report, viz :

By Order in Council of the 6th March last, Mr. Benjamin McQuestion was appointed keeper of the new beacon lighthouse on McQuestion's Point, Upper Ottawa River, at a salary of \$100 per annum.

By Order in Council of the 6th March last, Mr. John Tario was appointed keeper of the new lighthouse at Morrison or Hawley's Island, at a salary of \$100.

By Order in Council of the 24th April last, Mr. Forest H. Conover was appointed keeper of the lighthouse at Leamington, at a salary of \$150 per annum, in the room of Joshua Lamarsh, resigned.

By Order in Council of the 30th April last, Mr. James Milne was appointed keeper of the lighthouse at Byng Inlet, at a salary of \$250. This station was, previous to this appointment, under the charge of the Maganettawan Lumber Company.

By Order in Council of the 4th May last, Mr. Andrew Lockerbie was appointed keeper of the light on the breakwater pier at Collingwood Harbor, at a salary of \$200 per annum, in the room of William Bishop, resigned.

By Order in Council of the 4th June last, Mr. Henry Wood was appointed keeper of the lighthouse at Point aux Pins, Lake Superior, at a salary of \$200 per annum, in the room of Wade G. Foote, removed from the locality.

By Order in Council of the 4th June last, Mr. John Rae was appointed keeper of the lighthouse at Point Clark, at a salary of \$400 per annum, in the room of David Small, resigned.

By Order in Council of the 4th August last, Mr. Murdoch McLeod was appointed keeper of the beacon light at the mouth of the Saugeen River, at a salary of \$80 per annum.

By Order in Council of the 29th August last, Mr. Wm Thomas Richards was appointed keeper of the lighthouse on Lamb Island, District of Algoma, at a salary of \$400.

By Order in Council of the 6th March last, Capt. Thomas D. McLaughlan was appointed keeper of the lightship at the mouth of the Red River, Manitoba, at a salary of \$450 per annum, in the room of Joseph Monkman, resigned. Captain McLaughlan, however, declined the appointment.

By Order in Council of the 4th June last, Mr. John Wm. Chisholm was appointed keeper of the lighthouse at Michael's Point, Great Manitoulin Island, at a salary of \$250 per annum. This station was formerly in charge of Messrs. R. A. Lyon & Co.

Mr. Robert Gordon was placed in charge of the light on the end of the Langevin Pier, at Cobourg, on the 16th May last, 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 Lightship, for the last fiscal year, was \$69,116.68 and the expenditure for construction of lights during the same period was \$9,782.27.

QUEBEC LIGHTHOUSE DIVISION.

This Division comprises the lighthouses and lightships at and 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 147 fixed and revolving lights, 8 lightships, 3 of which are supplied with steam fog-whistles; 10 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 de Monts, was performed during the past season by the steamer "Druid," under the superintendence of Mr. Wm. Barbour, Inspector of Lights for this Division; and from Point de 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.

During the past season a new lighthouse was erected on the small island known as Plateau or Flat Rock, off Point Peter, Gaspé, and the light put in operation on the 20th of September last. A revolving red catoptric light is shown, attaining its greatest brilliancy every 30 seconds, and elevated 77 feet above high water mark, and it should be visible 10 miles, from all points seaward, in clear weather. The building is of wood, painted white, and consists of a square tower 50 feet high, with keeper's dwelling attached. The sum of \$2,156.82 was expended on account of this lighthouse during the past fiscal year.

During the past season the control of the light maintained at the Government wharf at St. Thomas de Montmagny, on the south shore of the River St. Lawrence, below Quebec, was assumed by the Department, and a fixed white dioptric light exhibited, elevated 30 feet above high water, showing white on the line of channel entering the harbour, and green from all other points of approach. The light is shown from a lantern hoisted on a pole, with a small cabin at its base, and should be visible 6 miles. It is intended solely as a guide in entering the harbour.

The lighthouse on Witch Shoal, Lake Memphremagog, to which reference was made in the Report of last year, was completed and put in operation on the opening of navigation. The tower is a square wooden building, 21 feet high, built on a pier, and a fixed white dioptric light is shown, visible, in clear weather, for 9 miles, from all points of approach, except the westward.

Owing to the establishment, by the Harbour Commissioners of Montreal, of the electric light in that harbour, it has not been deemed necessary to replace the light towers there with the iron masts imported for that purpose, as stated in the Report of last year, and these masts will be otherwise utilized, and the range lights discontinued permanently.

During the past season, two beacon lights were established at the mouth of the River St. Francis, in Lake St. Peter. They are shown from small dioptric lanterns, elevated about 12 feet above the water, hoisted on poles driven in the water, on the starboard side of the channel. The outer light is fixed white, and stands at the lower end of an islet and indicates the entrance to the deepest channel. The inner light,

which is fixed red, is located about half a mile from the other, in a south easterly direction, at an abrupt turn in the channel. These lights are for the convenience of light draft vessels entering the river and are intended to be removed every fall and replaced the next season, when the water falls so low as to compel vessels to seek the deepest channel. The cost of these lights will appear in the accounts of the present fiscal year.

During the past season a wooden day beacon, consisting of a square pyramidal frame, 28 feet high, surmounted by a cone 6 feet high, was erected upon Flat Island, off Great Mecattina Island, coast of Labrador.

Owing to the fact of the fog-whistle maintained near Cape Gaspé light station, in the Gulf of St. Lawrence, not proving an efficient aid to navigation, it was deemed advisable to discontinue it, and replace it with a fog-gun fired every half hour, and to erect the fog-whistle at Cape Rosier light station.

This change was carried out and the fog-whistle put into operation at Cape Rosier on the 15th August last. A blast of 10 seconds' duration in each minute, leaving an interval of 50 seconds between each blast, is sounded in thick weather, fogs and snow storms.

During the past season tenders were invited for the construction of a lighthouse at the mouth of Grand River, in the County of Gaspé; and also for changing the position of the upper range light on Isle Ste. Thérèse, in the County of Verchères which change will involve the construction of two piers and a new lighthouse.

Reference was made in the Report of last year to the light house and fog whistle in course of erection at Cape Bauld, on the north coast of Newfoundland. The buildings are almost completed, and both light and fog alarm will be put into operation in August next, if not at an earlier date. The light will be an alternate red and white light, each flash attaining its greatest brilliancy every 45 seconds. It is elevated 141 feet above high water mark, and should be visible 18 miles from all points seaward. The illuminating apparatus is catoptric.

The building is of wood, painted white, and consists of a square tower 60 feet high, with keeper's dwelling attached.

It is built on the high ground near the northernmost extremity of the Cape. The light is intended for a sea light as well as to indicate the entrance to the Straits of Belle Isle.

The fog-horn, which is operated by compressed air, is located about 150 feet from the light building and will be put in operation on the 15th August next, or as much earlier in the season as instructions can be sent to the light keeper. It will give blasts of 10 seconds' duration, with an interval of 50 seconds between each blast.

The following is a synopsis of the principal repairs and improvements effected at the light stations of this Division during the past season.

Cap de la Madeleine.

The lanterns of the two lower towers, and the smaller of the two upper towers rebuilt, and the large tower repaired and painted.

Isle aux Raisins.

Considerable repairs made to the large tower and the top re-covered with zinc.

River du Chêne.

The old tower being past repair, a new one was constructed.

Bicquet.

A new dwelling house was build at this station.

Bellechasse.

Tower painted and inside sheathed with boards, and landing repaired.

Cape Norman.

Tower re-clapboarded and painted.

Cape Despair.

Damages by fire to the lantern repaired, and new lamps and reflectors supplied.

Point St. John.

Lantern re-covered with canvas and tower painted.

Point aux Orignaux.

Gallery around lantern re-covered and tower painted.

South Point Anticosti.

A breakwater built at this station to protect the engine house from inroads of the sea.

West Point Anticosti.

Tower re-clapboard and painted.

The light towers at Batiscan, Lotbinière, Platon and St. Pierre des Becquets, were also painted during last season.

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 4th January last, Mr. George Beaudet was appointed keeper of the range lights at Lotbinière, at a salary of \$80 per annum, in the room of Mr. Octave de la Chevrotière superseded.

By Order in Council of the 30th April last, Mr. Jean Baptiste Robin was appointed keeper of the light on the wharf at St. Thomas de Montmagny, at a salary of \$50 per annum.

By Order in Council of the 14th May last, Mr. Robert H. Whitman was appointed keeper of the lighthouse at Lacolle, at a salary of \$150 per annum, in the room of Joseph Rhéaume, deceased.

By Order in Council of the 14th June last, Mr. Benjamin Asselin was appointed keeper of the lighthouse lately erected on Plateau Rock, County of Gaspé, at a salary of \$300.

By Order in Council of the 7th July last, Mr. Théodore Verville was appointed keeper of the lighthouse at Isle aux Raisins, at a salary of \$240, in the room of Olivier Letendre, superseded.

By Order in Council of the 31st August last, Mr. Onésime Mercier was appointed keeper of the lighthouse at Isle à la Bague, at a salary of \$150 per annum, in the room of Joseph Ethier, deceased.

The total amount expended for the maintenance of lights, lightships, provision dépôts, buoys and beacons, and fog-whistles in this Division, during the year ended 30th June last, amounted to \$117,035.32.

The sum of \$9,674.30 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 130 lighthouses, exhibiting 142 lights, 1 light vessel, 11 steam fog-alarms already in operation, and 1 in course of construction, 1 fog bell, 3 signal gun stations, 7 automatic signal buoys, 6 iron bell buoys, 70 iron can buoys, about 370 spar and other smaller buoys, 7 stationary beacons, 7 life-boat stations, 3 humane establishments, 4 signal stations.

The Government steamer "Newfield," having been sent to England in the month of April, with goods for the Fisheries Exhibition, the work of supplying the western lights was performed by a schooner chartered for the purpose. Tenders were invited for the performance of this work, and that of the owners of the schooner "Lairg," 99 tons, for \$1,500, being the lowest, was accepted. The

eastern lights were supplied by the "Newfield" after her return from England. The work of coaling the fog alarms was done by schooners chartered for the purpose, the lowest tender in each case being accepted. The coal for the Bay of Fundy and western stations was procured from the Joggins' mine, and that for the eastern fog-whistles, principally from the Cow Bay mines.

The buoy service at the opening of navigation and other urgent work occurring about that time was, in the absence of the "Newfield," performed by the "Napoleon III," which vessel wintered at Halifax, and was kept fully employed till she left for the Quebec Division, about the end of June.

The light stations were inspected by Mr. D. M. Browne, the Superintendent of Lights, and a synopsis of repairs, made at different stations, will be hereafter referred to. On the 28th of August last, the eastern coast was visited by a severe storm, accompanied with a high tide and unusually heavy sea, which did considerable damage to some of the off-lying stations, shaking the buildings and sweeping away the landing slips.

A new lighthouse has been erected on Quaker Island, off Chester, Mahone Bay, and the light was put into operation on the 1st of October.

The buildings, which consist of a square tower, with dwelling attached, outhouse, boathouse and slip, were constructed under contract by Mr. Thomas O'Neill, of Guysboro', for the sum of \$1,400. The tower is 35 feet high, from base to vane, and with the attached dwelling, is painted white. The illuminating apparatus is dioptric of the 6th order. The light is fixed red, elevated 109 feet above the sea level, and shows a distance of 11 miles.

The lighthouse at Horton Bluff, King's County, having been accidentally destroyed by fire on the 20th April, a new building, consisting of a tower, with dwelling attached, similar in every respect to that erected on Quaker Island, was built near the site of the old lighthouse. The work was done under contract by Mr. Sydney S. Crowe and Mr. James Smith, of Truro, for \$1,400. The new light was put into operation on the 23rd of October.

An engine house has been erected at the light station, Cape Roseway, at the entrance of Shelburne Harbour, for a Neptune steam fog-trumpet, and the machinery is now being placed in position. The house is 26 feet square, with 10-foot posts, and inside it has been built a brick tank, to hold 6,400 gallons of water. A coal shed of the capacity of 80 tons adjoins the building. The work of landing stores at this station has generally been attended with great difficulty, owing to the very exposed and rough nature of the shore. It was therefore considered advisable to construct an additional coal shed, at a small indentation of the coast, known as Windlass Cove, situated about $\frac{3}{4}$ mile to the northward of the station, that being the only place where

the landing is fairly good. A tramway and winch have been fitted for conveying coal up the bank from this cove.

The increasing traffic from the railway terminus at Port Mulgrave, through the Lennox Passage, St. Peter's Inlet and the Bras D'Or Lake, calling for increased facilities for navigating at night along this route, steps have been taken to erect a number of pole lights, to mark the principal turning points, and the work of construction is now in progress. The description of light to be used consists of a lantern, on the dioptric principle, known as the Mississippi Lantern. The light is suspended to a pole 25 feet high, an iron rod passing through a lug on each side of the lantern, to steady and keep it in position. A small shed at the foot of the pole receives the lantern when it is lowered, and is also used for storing the oil and necessary stores. In any case in which the light is not easy of access, a shelter shed measuring 12 x 16 and fitted as a cabin, is provided for the accommodation of the party attending it. A light of this description is now in course of erection at each of the following places: 1 on Glasgow Point, 1 on the south point of Dog Island, marked Seal Island on the chart, and 1 on Grand Digue Beach, all in the Lennox Passage; 1 on west point of a small islet off Sandy's Point; 1 on the south-east point of Beaver Island, and one on the west point of Free-stone or Gregory Island, all in St. Peter's Inlet; 1 on McNeil's Beach, Big Bras D'Or entrance, Victoria County; 1 on Fraser Point, Whycocomagh, Inverness County.

The new lighthouse at Cranberry Island, Cape Canso, built under contract by Mr. John G. Sinclair of Country Harbour is now about completed. The building consists of an octagonal tower with a commodious dwelling house attached. The tower measures 78 feet in height to the lantern top, with a diameter at the base of 25 feet. The illuminating apparatus of the upper or main light will consist of a large concentric wick lamp inside a dioptric lens of the 3rd order, from the manufactory of Messrs. Chance Bros., of Birmingham. Having an elevation of 89 feet above the sea level, it is expected that a very superior light will be shown, to a distance of 16 miles.

In order to maintain the characteristic of this station, which is two vertical fixed white lights, provision has been made for the lower light, by building a bay window 35 feet below the lantern in the seaward face of the tower. This light will consist of a 6th order dioptric apparatus and having an elevation above the sea of 54 feet should be seen from a distance of 13 miles.

The tower is painted in red and white horizontal bands, the dwelling house attached being of a dark color.

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

Amet Island.

The eastern face of the stone protection wall surrounding this Island had become very much undermined and about 20 feet of wall on the north side had fallen. Repairs are now in progress. It is proposed to build a cribwork protection around this island next season.

Pictou Beach.

Repairs have been made to the dwelling house at this station.

Margaree.

A new iron lantern 9½ feet in diameter, was erected during the summer, with improved lighting apparatus, consisting of seven large flat wick lamps with 21—inch reflectors, and five lamps with 18—inch reflectors, arranged in two tiers, and the character of this light has been greatly improved.

The building was at the same time put in thorough repair.

Cheticamp.

The lighthouse was struck by lightning on the 23rd July and considerably damaged, but the lanterns and lamps were not hurt. The necessary repairs have been made.

Cape George.

The light tower had got very much out of perpendicular by the settling of the foundation posts upon which it stood. A stone foundation has been built and the tower put in proper order.

St. Esprit.

The landing slip having been swept away in the severe storm before alluded to it was replaced and a boat shed built.

Cape LaRonde.

The same gale damaged this lighthouse considerably, and on stripping it for repairs, the boards under the shingling were found very much decayed. The necessary work is now being done to make the building tight for the winter.

Arichat.

The light window has been stripped and re-shingled and some repairs made to the interior of the building.

Whitehead.

The landing place and storehouse having been much damaged by the sea, the necessary repairs were made.

Three Top Island.

An addition has been built to the dwelling house in order to afford increased accommodation for the keeper.

Liscomb.

The dwelling house having been found very small, an addition is now being made to it.

Sheet Rock.

A landing, very much needed at this station, has been built to replace the wharf washed away by the sea.

Egg Island.

The foundation of the dwelling house had been found very defective, the water draining under it and filling the cellar, and the house was much shaken by the storm. Cement has been laid round the bed course of the foundation and repairs made to the building.

Meaghers' Beach.

The severe storm of the 29th August cut the beach away inside the northern breakwater, making it necessary to extend this work about 70 feet in an easterly direction. Some of the outside planking of the main breakwater, stripped off in the same gale, has been replaced.

Chebucto Head.

The deck of the tower outside the lantern, being in a very rotten state, was renewed, and the joists under the kitchen floor having given way, the floor was renewed and re-laid. The road leading to the main road from this station, commenced in 1881, was completed this year.

Betty's Island.

The tower and dwelling leaking very much, underwent a thorough repair.

Battery Point.

The west side of this lighthouse, on being stripped for repairs, was found very rotten and the greater part of the boarding had to be renewed.

Port Mouton.

An oil store has been erected and a part of the dwelling house under-pinned.

Port L'Hebert.

A want very long felt has been supplied by constructing an addition to the tower, as a dwelling for the keeper.

Brier Island.

A new 9½ feet iron lantern has been erected at this station, the octagonal tower being at the same time strengthened to receive it.

Boar's Head.

The dwelling house at this station, standing in a very exposed position, was found very cold in winter. The inside has been lathed and plastered, and other small repairs made.

Cranberry Island Fog Alarm.

Repairs were made to this boiler after it had been damaged by the fire which destroyed the buildings, as stated in the Report of last year, but it was recently found necessary to send boilermakers to make more extensive repairs. The boiler is now receiving a new set of tubes, and new stays are being fitted to the fire box; the legs are being chipped and caulked, and leaks in the shell and saddle-plate flange stopped; the dome lifted and a new joint made, and other smaller repairs effected.

A "Judson" governor is being fitted to regulate the blast of the whistle.

Sambro Fog Alarm.

The coal sheds at both the upper and lower engine houses being very leaky, an examination was made, and it was found necessary to put on a new roof in each case. Repairs were at the same time made to the roof and sides of the keeper's dwelling.

The work of placing the new boilers in progress at the date of the last Annual Report was completed, and this important station is now in good order.

Cross Island Fog Alarm.

The boiler of the Neptune Fog Horn was brought away from the station in the summer of 1882 and thoroughly repaired, a new crown sheet being put in and a new set of tubes. It had, however, to be re-tubed again this year.

Yarmouth Fog Alarm.

The operating engine was taken to the machine shop at Yarmouth and thoroughly repaired.

Cape D'Or Fog Alarm.

The boiler brought away from Sambro Fog Whistle, after undergoing a thorough repair, was placed in position at Cape D'Or.

The engine house was previously enlarged, and a foundation for the boiler to rest on, was built up of brick, bedded on the solid rock. The iron smoke-stack was replaced by a brick chimney, which furnishes a better draught to the boiler, adding to its efficiency. Repairs were made to the large reservoir containing the water supply, and a conical cover fitted.

An important addition has been made to the signal buoys in this division, by placing an automatic whistle buoy off the fairway of Liverpool, Queen's County. The buoy, which is painted black and white in vertical stripes, is moored in twenty fathoms of water, with Coffin Island Lighthouse bearing N. $\frac{1}{4}$ E. $1\frac{11}{16}$ miles, and West Head bearing W. $\frac{3}{4}$ S. $2\frac{1}{8}$ miles. The course from the buoy to the fairway off Brooklyn pier is N.-W. $\frac{3}{4}$ N. 4 miles.

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

By Order in Council of the 4th January last, Mr. George Swinehammer was appointed keeper of the lighthouse at Peggy's Cove, St. Margaret's Bay, at a salary of \$350 per annum, in the room of Samuel Massie, superseded.

By Order in Council of the 31st January last, Mr. George Albert Croucher was appointed keeper of the new lighthouse on Croucher's Island, at a salary of \$250 per annum.

By Order in Council of the 23rd March last, Mr. George Vigneau was appointed keeper of the lighthouse at Jerseyman's Island, at a salary of \$300 per annum in the room of Simon Babin, resigned.

By Order in Council of the 4th June last, Mr. James Lepper was appointed keeper and engineer of the lighthouse and fog-whistle at Cranberry Island, at a salary of \$900, in the room of James Hanlon, superannuated.

By Order in Council of the 31st July last, Mr. Wm. Helen was appointed keeper of the lighthouse on Flint Island, at a salary of \$400 per annum, in the room of Wm. Laffin, resigned.

By Order in Council of the 18th September last, Mr. Spencer H. Griffin was appointed keeper of the lighthouse at Country Harbour, at a salary of \$400, in the room of James A. Foster, deceased.

By Order in Council of the 15th November last, Mr. Charles M. Collupy was appointed keeper of the lighthouse on Carter's Island, Lockport, at a salary of \$250, in the room of James Lloyds, deceased.

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. Pauls and Scatterie, for the last fiscal year, amounted to \$149,798.17 and the amount expended during the same period on construction of lights was \$9,422.75.

NEW BRUNSWICK DIVISION.

This Division comprises all the lighthouses, fog-whistles, 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, 76 light-stations, including two lightships, and 10 fog-alarms, under the charge of 76 light-keepers and engineers.

Reference was made in the Report of last year to the new lighthouse to be erected on West Head, Quaco, to replace the lighthouse on the rock off Quaco, destroyed by fire in 1881. This lighthouse was completed and the light put in operation on the 20th April last. A white catoptric revolving light is shown, attaining its greatest brilliancy every 20 seconds. It is elevated about 110 feet above high water mark and should be visible 16 miles from all points of approach seaward. The building is of wood, painted white, and consists of a square tower, 49 feet high from its base to the vane of the lantern, with keeper's dwelling attached. This light not only serves the purpose of a general coast light but guides into St. Martin's Harbour.

Two range lights were established during the past season upon Church or Indian Point, on the north side of Buctouche Harbour, on the Straits of Northumberland. Both lights are fixed white catoptric, and shown from small square wooden towers 23 feet high, the front light being visible in the line of range for 9 miles and the back light for a distance of 12 miles. The lights are 660 yards apart and in range lead into the harbour through the deepest channel, clear of all obstructions, from the line of range of the Dixon Point Lights to the point where the channel turns abruptly to the westward to enter the Buctouche River.

Tenders were invited during the past season for the erection of a cribwork pier, surmounted by a mast and shed for a beacon light, at the entrance to the Jemseg River, on the River St. John, also for a mast and shed for a beacon light on Palmer's wharf on the same river, but the contracts for these lights have not yet been awarded.

In addition to ordinary maintenance, the following repairs and improvements have been effected at light stations in this Division during the past year.

Cox's Point.

The lower ends of the posts and foundations of the lighthouse renewed:

Gannet Rock.

Landing ways repaired, platform re-built, new derrick erected, and improvements made to facilitate landing at the station.

Miramichi Lightship.

This vessel, which was run into by the ship "Minnie Gordon," was thoroughly repaired for service on the opening of navigation.

Middle Island.

The keeper's dwelling thoroughly repaired and all the buildings painted.

Negro Point.

The lighthouse tower, taken down after the breakwater had been carried away, has been re-erected, and the light exhibited in November last. A fixed red dioptric light of the 6th order is shown at an elevation of 40 feet above high water, and is visible 8 miles from all points seaward. The tower is 50 feet from the end of the pier, on a stone foundation. It is an open framed hexagonal tower, painted white, 35 feet high.

Partridge Island Fog Alarm.

A new boiler was placed at this station at a cost of \$2,033, to serve as a spare boiler at this important station in case of accident. This station is now one of the most complete in the Province.

Portage Island.

A breakwater has been built to prevent the encroachment of the sea on the lighthouse. Lantern repaired and keeper's dwelling repaired and painted.

Pokesuedie.

A dwelling house has been erected for keeper.

Swallow Tail.

A derrick erected to facilitate the landing of supplies.

Shippegan.

A dwelling erected for keeper's use.

South-West Head.

Lighthouse and dwelling repaired and platform erected in light room.

Wilmot's Bluff.

This lighthouse was partially destroyed by fire, in 1882, and it has been thoroughly repaired and put in good condition.

Grand Manan Fog Alarm.

A new boiler supplied for the use of this alarm, and buildings repaired.

An appropriation was made by Parliament last Session for the erection of a fog-whistle at St. Martin's Head, on the Bay of Fundy, and arrangements have been made, to place one of the improved Champion fog-horns, which have proved so efficient at Head Harbour and L'Etete Passage, at this station.

Appropriations were also made for the erection of a lighthouse at Belledune, in the County of Restigouche, and for a beacon light below Newcastle, on the Miramichi

River, and plans and specifications will be prepared for the construction of these works as soon as the necessary information has been obtained.

Tenders have been invited for the erection of a lighthouse on Mulholland's Point, near the southern end of Campobello Island, opposite the Lubec Narrows, alluded to in last year's report, and the work will be proceeded with.

Arrangements have been made by the Agent for the establishment of a small movable range light at Pokemouche Gully, to indicate, in conjunction with the light already in operation there, the channel over the bar.

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 30th April last, Mr. William Drummond was appointed keeper of the lighthouse at Neguac, at a salary of \$200 per annum, in the room of Wm. Morrison, deceased.

By Order in Council of the 7th June last, Mr. Richard Wagner was appointed keeper of the lighthouse at Sand Point, St. John River, at a salary of \$80 per annum, in the room of Robert Clarke, superseded.

By Order in Council of the 14th June last, Mr. Charles Frederick Seely was appointed keeper of the lighthouse and fog-whistle at Machias Seal Island, at a salary of \$1,000, in the room of David Webster, superseded.

By Order in Council of the 7th July last, Mr. Dosithée O. Maillet was appointed keeper of the beacon lights lately erected at Indian Point, Buctouche, at a salary of \$150 per annum.

By Order in Council of the 13th November last, Mr. Hugh Maloney was transferred from the keepership of the lighthouse at Bliss Island and appointed keeper of the lighthouse at Sand Reef, Passamaquoddy Bay, St. Andrews, in the room of John Conley, superannuated.

By Order in Council of the 15th November last, Mr. Cornelius McNichol was appointed keeper of the lighthouse at Bliss Island, at a salary of \$300, in the room of Hugh Maloney, transferred to keepership of Sand Reef, Passamaquoddy Bay.

By Order in Council of the 15th November last, Mr. Mark Daggett was appointed keeper of the lighthouse at Grand Harbour, Grand Manan, at a salary of \$400, in the room of Henry McLaughlin, resigned.

The total cost of maintaining the lights, fog-whistles, buoys and beacons in the Province of New Brunswick for the last fiscal year amounted to \$74,937.42, and the amount expended during the same period on construction of lights was \$1,022.57.

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, 41 lights, under the charge of 32 keepers. The majority of the lights are situated on prominent headlands on the coast, the remainder being harbour lights, erected chiefly for the benefit of fishermen.

During the past season a new lighthouse was established at Cardigan River, King's County, and put in operation on the 1st September last. A fixed catoptric light is exhibited, showing green to seaward and white across the river to the north eastward. It is elevated 43 feet above high water and should be visible 8 miles in clear weather. The lighthouse is a square wooden tower painted white, 32 feet high. The cost of this lighthouse will be shown in the accounts of the present fiscal year.

A new light was also established on the 15th September last, on the outer end of the north breakwater pier at the mouth of the Big Tignish River, to show the position of the end of this pier and in range with the light formerly established to guide in between the breakwaters. A fixed red light is exhibited, shown from a dioptric lantern, hoisted on a pole 14 feet high above the pier, at a distance of 620 feet from the main light. This light is for the benefit of fishing boats and other light draught vessels making the harbour.

The lighthouse at Cape Egmont, referred to in the Report of last year, is now approaching completion, and it is probable that the light will be shown on the opening of navigation next spring.

During the past season a new lantern was supplied to the lighthouse at Point Prim, an oil store erected at the station, and the lighthouse thoroughly overhauled and repaired.

Owing to difficulties in regard to the matter of site, the range lights at Savage Harbour have not yet been completed, but it is proposed to have them ready to be put in operation on the opening of navigation next season.

The Agent reports that during the past year he visited the great majority of the light stations, and arranged to have painting and ordinary repairs carried out when required.

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 19th May last, Mr. Roger Westaway was appointed keeper of the Inner Range Light at St. Andrew's Point, Georgetown Harbour, at a salary of \$50 per annum.

By Order in Council of the 21st September last, Mr. Angus Morrison was appointed keeper of the new lighthouse at Cardigan, at a salary of \$100 per annum.

By Order in Council of the 9th October last, Mr. Augustin Hackett was appointed keeper of the lighthouse at North Cape, at a salary of \$300 per annum, in the room of Peter Henry Perry, who had left the country.

The total cost of maintaining the lights in the Province of Prince Edward Island for the fiscal year was \$16,907.27, and the expenditure for construction was \$1,934.49.

BRITISH COLUMBIA LIGHTHOUSE DIVISION.

This Division is under the charge of Mr. Frederick Revely, Agent of this Department at Victoria. There are 6 lighthouses in this Province, under the charge of 6 keepers who provide the necessary assistants from the salary allowed.

There is also a lightship stationed at Sand Heads, Fraser River, pending the completion of the new lighthouse to be erected there on iron screw piles. Owing to difficulties experienced by the contractor in sinking the piles, this work has made but little progress.

The agent reports that during the past year repairs have been effected at Beren's Island Lighthouse and dwelling, and a tramway, 633 feet in length, built at Cape Beale, which has proved of great service in facilitating the delivery of stores at that station. Repairs were also carried out at Point Atkinson and Entrance Island stations.

An appropriation was made by Parliament at its last Session for the erection of a lighthouse at Active Pass, or Plumper Pass, Vancouver Island, and tenders will shortly be invited for the work. A lantern and illuminating apparatus have been ordered from England. No changes have occurred in the keepership of lights in this Province during the past year.

The total cost of maintaining the lights in the Province of British Columbia for the fiscal year was \$17,349.06, and the expenditure for construction was \$1,005.26.

OIL.

As stated in the Report of last year, the oil required for the use of the lighthouses in the Dominion is supplied under contract by the Imperial Oil Company (limited) of London, Ontario, and delivered at Halifax, N. S., and St. John, N. B., at 26 cents per gallon; at Quebec, 25 cents per gallon; at Montreal at 24½ cents per gallon, and at Hamilton and Goderich, Ont., at 23½ cents per gallon. The oil is required under contract to be of the best quality of double distilled, standard white, extra refined petroleum, to be free from acid or other impurity, to weigh at 62° Fahr.,

not less than 7.85 pounds, nor more than 8.02 pounds per gallon, and to withstand a fire test of 130° Fahr.

The quantity supplied to the lighthouses above Montreal during the past season was 18,018 gallons; to the lights in the Quebec District, 24,938 gallons; to the lights in the Nova Scotia District, 40,950 gallons, to the lights in the New Brunswick District, 13,183 gallons; and to the lights in the Prince Edward Island District, 4,559 gallons, making in all 101,648 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 "La Canadienne" screw, the "Northern Light" screw, and the small steam launch "Dolphin," employed at Quebec in connection with the River Police Service.

The steamship "Napoleon III" was employed during the past season, from the opening of navigation till the end of June, in attending to the buoy service in Nova Scotia, and other urgent work in that Division, which could not be performed by the "Newfield," owing to the absence of that vessel in England, in connection with the International Fisheries Exhibition service. After returning to Quebec; the "Napoleon III" supplied the lights in the lower St. Lawrence, making three trips for that purpose; one in August, one in September, and another in October. After completing the lighthouse service this vessel was despatched in the month of November last to the port of Charlottetown, and employed, along with the steamer "Northern Light," in carrying freight and passengers between that port and Pictou, owing to the withdrawal of the boats of the Prince Edward Island Steam Navigation Company. She will winter at the port of Halifax.

The steamer "Druid" was employed during the past season in supplying the lights between Montreal and Quebec, Quebec and Egg Island, and between Bicquet and Gaspé Harbour. She also attended to the buoy service in the Upper and Lower St. Lawrence.

The steamer "Newfield" was despatched to England in April last, with exhibits for the International Fisheries Exhibition, which opened in London in May last. After her return, in the month of June, she was employed in supplying the eastern lights, and in telegraph cable service in the Gulf of St. Lawrence.

The steamer "Sir James Douglas," stationed at Victoria, B. C., was employed in attending to the lighthouse and buoy service in that Province, and in occasional special service for other Departments. The repairs referred to in last year's Report have been carried out, and the vessel lengthened about 19 feet 6 inches, and her rate of speed increased from 8 and 8½ to 10 and 10½ knots per hour, on a smaller quantity

of fuel than formerly. The agent reports that she is now in good order and will last 8 or 9 years.

The Steamer "La Canadienne" was employed during the past season in the protection of the Fisheries in the Gulf of St. Lawrence. At the breaking up of the ice in May last, she was forced from her winter quarters and considerably injured, necessitating expenditures for repairs to the amount of \$600. During the past season she also performed good service in saving a large and valuable amount of property from the steamer "Viking," stranded near Shallop Creek, Anticosti. She was also employed in the fall in removing buoys and lightships in [the Lower St. Lawrence, to winter quarters.

Reference was made in the Report of last year to the matter of construction of a new steamer to replace the "Glendon," which it had been found advisable to dispose of in the public interests. Tenders having been duly invited, the contract for the building of a steamer to measure 500 tons gross, was awarded to Mr. Jotham O'Brien, of Maccan, N. S., for the sum of \$29,900, being the most advantageous offer. The contract for the engines and boilers was awarded to Messrs. Rankin and Blackmore, of Greenock, Scotland, at £4,760 stg. Mr O'Brien carried out his contract satisfactorily and the vessel was launched on the 1st December last, but on being towed to Halifax by the steamer "Newfield," on the 2nd December, the hawser parted in a gale and the vessel was lost near Point Prim, Digby, and eight out of a crew of ten persons, among whom was Captain D. M. Browne, Superintendent of Lighthouses for Nova Scotia, unfortunately perished.

The steamer "Northern Light" is employed for the purpose of maintaining winter communication between Prince Edward Island and the mainland, during the winter season. She commenced on her trips on the 10th December, 1882, and made seventeen round trips between Georgetown and Pictou during the month of December. She succeeded in making only four round trips in January, and after several attempts to cross, was obliged to return to winter quarters on the 17th of January, where she remained until the 5th March, when another attempt was made to cross, without avail. On the 25th March she got clear and arrived at Pictou Landing, and from that date until 25th April, when the summer boats commenced to run, made regular trips. In the month of November last, this vessel, in the interests of the public, on the withdrawal of the boats of the Prince Edward Island Steam Navigation Company, was put on the route to carry passengers and freight between Georgetown and Pictou. The earnings of this vessel for the last fiscal year amounted to \$7,303.26.

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 \$27,835.19; of the "Druid," \$17,372.14; of the "Newfield," \$35,213.59; of the "St-

James Douglas," \$25,590.42; of the "Northern Light," \$19,680.97, and of the "La Canadienne," \$26,555.46, making a total expenditure of \$152,157.77.

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; twenty-seven Constables at \$1.50 per diem, and two Engineers, at \$50 each per month; making in all, thirty-six. At the close of navigation a gratuity of \$10 was allowed to each Constable of the force, with the exception of two reported for misconduct.

From the statements appended to the annual report of the Chief, which appear in Supplement No. 1 to this Report, it will be seen that 661 arrests were made by the force during the past season at the port of Quebec, of which 304 were for desertion, and 1,940 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, 1883, was \$22,520.41, while the dues collected during the same period amounted to \$20,203.38, showing a deficiency of \$2,317.03.

A detailed statement of this service, showing the amount paid for maintenance of 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. As in the case of last season, a bonus of \$10 was allowed at the close of the season to each Constable for good conduct.

From the return transmitted by the Inspector, it appears that 911 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 \$15,798.24, and the Harbor Police dues collected to \$7,856.64, showing an excess of expenditure over receipts of \$7,941.60.

The total amount expended during the past fiscal year, at Quebec and Montreal, on account of Harbour Police Service, was \$38,318.65, and the amount collected was \$28,060.02, showing an excess of expenditure over receipts of \$10,258.63. The collections of the past year exceeded that of the preceding year by the sum of \$6,639.69, while the expenditure was \$3,997.91 less than that of the preceding year.

The receipts and expenditure on account of this service during the past fourteen 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
	\$354,966 70	\$167,244 46
Deduct receipts from expenditure.....		354,966 70
Excess of expenditure over receipts.		\$112,277 76

SICK AND DISTRESSED MARINERS.

Under the provisions of the Act 38 Vic., cap. 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 two 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. Vessels employed exclusively in fishing, or on a fishing voyage, are exempt from the payment of the duty by Act 45 Vic., cap. 19.

The receipts for the fiscal year ended 30th June last amounted to \$47,573.42, being an increase as compared with the receipts of the preceding year of \$1,621.95.

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 year 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. Catherines, 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 \$22,867.50, as will be seen by reference to Appendix No 18. Of this sum \$216.50 was expended on account of shipwrecked and distressed seamen, and \$1,074.77 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 \$1,577.70. The sick mariners' dues collected during the same period at the Port of Montreal amounted to \$2,384.00.

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 \$19,998.53. The usual grant of \$2,667.67 was received from the Government of Quebec and \$228.50 from board of patients, rent of beach lots, etc., making the total amount deposited to the credit of the Receiver-General, \$2,895.17, thus reducing the cost of maintenance to the Government of the Dominion to \$17,183.36. In this sum the cost of maintaining sick immigrants, as well as seamen, is included, and estimating the cost of immigrants, of whom there were 77 in the Hospital, having 1,654 days' treatment, at \$1,411.48, the cost of sick seamen would amount to \$15,691.88. By reference, however, to the Report of the resident physician, it appears that during the past fiscal year, out of 834 patients admitted, 459 were seamen, having 7,385 days' treatment; 77 were immigrants, having 1,654 days' treatment, and 298 were residents of Quebec, having 11,003 days' treatment in the Hospital, thus show-

ing, as stated in former Reports, that the amount contributed by the Government of the Province of Quebec, viz, \$2,666.67, towards the support of residents in the hospital, is altogether inadequate. A fair proportion of the cost of the institution for the last fiscal year, would be as follows: For seamen, \$7,368.98; for immigrants, \$1,650.41 and for residents \$10,979.13. The total number of days spent in the hospital by seamen, immigrants and residents of Quebec, was 20,042, and the cost per diem of maintaining each patient about \$1.00.

The amount of sick mariners' dues collected at the Port of Quebec, during the last fiscal year, was \$12,690.20, being \$2,667.16 more than the previous year, and the total amount collected in the Province of Quebec, for the same period, was \$18,205.18, instead of \$14,903.88, 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 \$17,183.36, as above stated, amounts to \$20,052.33, showing an *excess of expenditure over receipts of \$1,847.15.*

The expenditure on account of sick and disabled and distressed seamen in the Province of New Brunswick amounted, during the last fiscal year, to \$6,748.70, while the receipts for the same period amounted to \$9,251.14.

Marine hospitals are established in New Brunswick at the Ports of St. John, St. Andrew's, Miramichi, Richibucto, Bathurst and Sackville, 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 \$4,652.42, and the cost of maintaining the Marine Hospital, at that place, to \$3,159.59.

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 \$6,021.54 was collected 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 \$3,120.93.

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 \$11,792.90, and the receipts to \$16,435.26, showing an excess of receipts over expenditure of \$4,642.36.

In the Province of Prince Edward Island the expenditure on account of sick, disabled and shipwrecked seamen, during the last fiscal year, amounted to \$1,624.29, and the receipts from sick mariners' dues to \$573.12. The Marine Hospital at Charlottetown having been found unsuitable for the purposes required, has been closed, and an arrangement entered into with the managers of the Charlottetown Hospital for the care of sick seamen. A marine hospital is established at the Port of Souris.

In the Province of British Columbia, the sum of \$3,906.24 was expended during the year, and the receipts of the sick mariners' fund amounted to \$3,108.72. A marine hospital is established at the Port of Victoria.

During the past fiscal year the sum of \$1,895.37 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. Catherines and Kingston, and the entire expenditure on account of the Marine Hospital at Quebec, amounted to \$48,879.31, being \$4,221.26 less than the previous year, and \$13,120.69 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 \$47,573.42, the excess of expenditure over receipts amounted to \$1,305.89. Should a deduction, however, be made of a fair proportion of maintaining residents and immigrants in a Marine Hospital at Quebec, which amounts as above stated to \$12,629.54, the expense would amount only to \$36,249.77, and there would be an excess of receipts over expenditure of \$11,323.65.

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

	Receipts.	Disbursements.
For fiscal year ended 30th June, 1869.....	\$31,353 78	\$26,987 64
“ “ “ 1870.....	31,410 46	27,029 34
“ “ “ 1871.....	29,683 41	28,971 22
“ “ “ 1872.....	34,911 64	33,947 60
“ “ “ 1873.....	37,136 10	41,016 43
“ “ “ 1874.....	41,500 16	59,778 90
“ “ “ 1875.....	37,801 46	50,684 76
“ “ “ 1876.....	41,287 66	48,828 49
“ “ “ 1877.....	43,739 21	51,647 94
“ “ “ 1878.....	44,665 07	43,780 99
Carried forward.....	373,483 95	417,673 31

	Receipts.	Disbursements.
Brought forward.....	373,488 95	417,673 31
For fiscal year ended 30th June, 1879.....	37,779 57	42,729 36
“ “ “ 1880.....	42,523 20	42,160 91
“ “ “ 1881.....	49,779 72	40,667 52
“ “ “ 1882.....	45,951 47	39,359 11
“ “ “ 1883.....	47,573 42	36,249 65
	<hr/>	<hr/>
	\$597,096 33	\$618,839 86
Deduct receipts from expenditure.....		597,096 33
		<hr/>
Balance to debit of Fund.....		\$ 21,743 53
		<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 April 12th, 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 May 1st, 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:—

Cape Chatte, Gaspé.....	\$ Nil.
Amherst and House Harbour, Magdalen Islands.....	134 68
Richibucto, N. B.....	623 92
Southern Bay, Ingonish.....	Nil.
	<hr/>
	\$758 60
	<hr/>

The amount collected for the year ended 30th June, 1882, was \$757.72.

The sum of \$999.55 was expended by the Department of Public Works at Richibucto and \$93.02 at Southern Bay, Ingonish.

STEAMBOAT INSPECTION.

The report of the Chairman of the Board of Steamboat Inspection for the year ended 31st December last, will be found in Supplement No. 1 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.

Under the provisions of the Consolidated Steamboat Inspection Act of 1882, during the past year Inspectors of hulls of steamboats and equipment have been appointed as follows:—Captain Thomas Harbottle, of Toronto, for the Province of Ontario; Mr. Pierre Brunelle of Lévis, for the Province of Quebec; Mr. C. R. Coker, of St. John, N.B., Surveyor for Lloyds, for the Provinces of Nova Scotia, New Brunswick and Prince Edward Island; and Captain M. P. McElhinney, of Ottawa, to serve as occasion may require.

Owing to the pressure of work in regard to inspection, it was found necessary to appoint temporarily Captain Thomas F. Taylor, of Kingston, as an Inspector of hulls for Ontario, and Mr. Edward Vigor, as an Inspector of boilers and machinery in the same Province. Mr. Edward Adams, of Kingston, was appointed Inspector of boilers and machinery for the division of East Ontario in the room of Mr. Joseph Taylor, superannuated. Mr. F. X. Befort who served for a period of twenty-three years as Steamboat Inspector for the Three Rivers Division, in the Province of Quebec, was also placed on the superannuated list. Steamers in Manitoba have been inspected by Mr. Meneilley, Inspector for Western Ontario. Mr. Edmund R. Abell, who formerly served as Steamboat Inspector for Manitoba, was re-appointed for that district on the 24th November last, and also Inspector for Keewatin, Port Arthur and the North-West Territories. Mr. Abell is also to discharge the duties of Inspector of hulls and equipment.

The annual meeting of the Board of Steamboat Inspectors was held at Ottawa on November last, and passed further rules and regulations, particulars of which will be found in the report of the chairman, in Supplement No. 1.

The amount received during the last fiscal year on account of tonnage dues, inspection of steamboats and certificates to engineers, amounted to \$12,577.36, of which sum \$9,512.36 was for tonnage dues and inspection fees, and \$3,065 for certificates to engineers. This shows a decrease in the receipts as compared with the previous year of \$2,700.42, of which \$1,763.42 belongs to tonnage dues and inspection fees, and \$937 to certificates.

The expenditure for steamboat inspection during the past fiscal year, as will be seen by reference to Appendix No. 11, amounted to \$16,209.02, and as the receipts

amounted only to \$12,577.36 as above stated there is a deficiency of \$3,631.66. This deficiency may, in part, be accounted for by the operations of the new Act, which reduced the grades of engineers from six to three, thus reducing the fees received for licensing engineers.

From the report of the chairman, with accompanying statements, it will appear that during the last calendar year 469 certificates were granted to engineers, as follows:—First class engineers, 19; second class, 144; third class, 306. The sum of \$2,345 was received as fees for certificates.

The total number of steamboats in the Dominion is given by the chairman as 843, having a gross tonnage of 152,216 tons. Of this number, 222 steamers belonged to the Western Ontario, Huron and Lake Superior division; 111 to East Ontario; 140 to Montreal division; 137 to Quebec division; 127 to Maritime Provinces; 46 to Manitoba; and 60 to the British Columbia division. Sixteen steamers of the forty-six given as belonging to Manitoba, have not yet been measured, so their tonnage has not been included in the return given.

During the last calendar year 100 new steamers were added to the list, but as they have not all been measured, the increase of tonnage cannot be given. During the same period thirty-three steamers were lost or put out of service. This shows a gain in steamers of sixty-seven. The principal increase was in Ontario and Manitoba.

It will be seen by the following comparative statement of receipts and expenditures on account of Steamboat Inspection Fund, for the past fourteen fiscal years, that during that period the entire receipts, \$195,247.24, have exceeded the expenditure, \$165,487.70, by the sum of \$29,759.54, 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
“ “ 1871...	10,369 96	8,321 00
“ “ 1872...	11,710 43	8,500 00
“ “ 1873...	15,412 75	11,205 54
“ “ 1874...	15,603 19	10,291 58
“ “ 1875...	15,011 90	12,199 81
“ “ 1876...	13,811 24	13,081 86
“ “ 1877...	15,859 42	13,073 01
“ “ 1878...	12,431 25	13,228 28
“ “ 1879...	12,331 16	13,076 46
“ “ 1880...	15,424 02	11,854 34
“ “ 1881...	16,905 49	12,211 65
Carried forward.....	167,392 10	134,442 71

Brought forward.....	167,392 10	134,442 71
For fiscal year ended 30th June, 1882...	15,277 78	14,835 97
“ “ 1883...	12,577 36	16,209 02
	<u>\$195,247 24</u>	<u>\$165,487 70</u>
Deduct expenditure from receipts.....	165,487 70	
Excess of receipts over expenditure....	\$29,759 54	

CERTIFICATES TO MASTERS AND MATES.

The Report of the Chairman of the Board of Examiners of Masters and Mates for the calendar year ended 31st December, 1883, 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, and Yarmouth, N.S. At the Port of Halifax thirteen meetings were held, twelve at St. John, one at Quebec, and eleven at Yarmouth. At Halifax the number of masters who succeeded in passing and obtaining certificates of competency, was thirty-six, and the number of mates thirty-seven, while six failed as master and twenty-four as mate. At the Port of St. John, N.B., twenty-three candidates passed for the grade of master, thirty as mate, while eight failed as master, twelve as mate. At the Port of Yarmouth, N.S., seventeen candidates passed for the grade of master, twenty-three as mate, while four failed as master, and sixteen as mate. At the Port of Quebec three candidates passed for the grade of master, and four as mate, while two mates failed. It will thus be seen that during the past year, out of ninety-seven candidates that presented themselves at the ports named for examination as masters, seventy-nine succeeded in passing, and eighteen failed; and that out of 148 that applied for examination as mates, ninety-four passed, and fifty-four 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, 1883, is 1,318, and the amount paid for these certificates, at the rate of \$10 each, \$13,180. During the same period, 734 candidates received certificates of competency as mates, and the amount paid, at the rate of \$5 each, was \$3,670. 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, 1883. During the calendar year nine certificates of service for the grade of master, and one for that of mate, have been granted. The total number of certificates of service issued since the Act came into operation, is 879 for the grade of master, and 309 for that of mate, making a total of 1,188 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 \$1,314; 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 \$4,021.20. The amount voted by Parliament for this service was \$4,250, leaving an unexpended balance of \$228.80, which reverted to the Treasury. 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	\$.....
“ “ “ 1872...	4,312 07	1,344 00
“ “ “ 1873...	6,466 18	4,963 00
“ “ “ 1874...	4,520 19	2,995 00
“ “ “ 1875...	5,696 62	2,715 00
“ “ “ 1876...	4,672 08	2,021 87
“ “ “ 1877...	4,050 00	1,740 50
“ “ “ 1878...	4,249 76	1,296 50
“ “ “ 1879...	4,250 12	1,334 50
“ “ “ 1880...	4,253 43	1,547 00
“ “ “ 1881...	3,888 41	1,333 50
“ “ “ 1882...	3,965 19	1,152 50
“ “ “ 1883...	4,021 20	1,314 00
	<u>\$55,755 70</u>	<u>\$23,757 37</u>
	23,757 37	
Excess of expenditure over receipts...	\$31,998 33	

The Certificate of Competency No. 1228, held by John Henry Tedford, was cancelled by the Board of Trade, London, in consequence of Mr. Tedford's conviction at Liverpool, on the 9th of March, 1883, of theft from the cargo of the "Ophelia," official number 47522, of which vessel he was the first mate.

At a Court of Inquiry held at Yarmouth, N. S., on the 14th August, 1883, to inquire into the circumstances attending the loss of the ship "John Murphy," on the south-east end of Seal Island, Nova Scotia, on the morning of the 20th June last, the Court, after having carefully weighed and considered the evidence, came to the

conclusion that the vessel was stranded through negligence on the part of the master, George N. Cosman, and therefore suspended his certificate of competency as master for a period of six months. The Court recommended that Captain Cosman be permitted to receive a mate's certificate of competency to be used during the suspension of his master's certificate, but the Department decided not to comply with the recommendation.

At a Naval Court, assembled at the British Consulate, Philadelphia, on the 2nd of October, 1883, to inquire into the cause of the stranding of the bark "Agra," of Charlottetown, Prince Edward Island, running on a shoal in the North Sea near the Straits of Dover, on the 11th June last, while on a passage from Hamburg to Philadelphia, the Court, having carefully considered all the evidence testified to before it, was unanimously of opinion that the master of the vessel, Dennis Leary, was guilty of gross negligence, in not seeing that the vessel's courses were properly steered, by not taking soundings previous to grounding, and in concealing the fact of the vessel having been ashore, as aforesaid, on arrival at the Port of Philadelphia, and for these reasons suspended his certificate of competency as master, No. 926, for a period of nine months; but recommended that a mate's certificate be granted during that period. The Department refused to comply with the recommendation.

At a Court of Inquiry held at St. John, N.B., in the month of November last, to investigate the cause of the loss of the schooner "Bessie Curry," on the Caicos Reef, Turk's Island, on the 24th of April last, the Court, having duly weighed all the circumstances connected with the case, came to the conclusion that the loss of the vessel was due to the incompetency of the master, Captain L. D. Curry, and therefore cancelled his certificate of service. The Court also found the mate, Stephen Siteman, guilty of gross misconduct, and therefore suspended his certificate of service as master for the space of one year.

At a Court of Inquiry held at the Police Office in the Island of New Providence, on the 31st day of August last, to inquire into the cause of the stranding of the brig "Peeress," of Charlottetown, Prince Edward Island, the Court came to the conclusion that the stranding of the vessel was due to the carelessness of the master, F. A. Douse, and therefore suspended his certificate of competency for a period of six months.

During the last Session of Parliament an Act was passed, respecting certificates to masters and mates of inland and coasting ships, the rules and regulations of which are as follows:—

RULES AND REGULATIONS for Governing the examination of Candidates for certificates of competency or service as Masters and Mates under the provisions of the Act 46 Vic., chap. 28, intituled, "An Act respecting Certificates to Masters and Mates of Inland and Coasting Vessels."

Qualifications for certificates of competency for masters and mates employed in navigating the inland waters of Canada, or engaged in the coasting trade between

Quebec and any of the lower ports ; or in the coasting trade between Canada and Newfoundland, or between Canada and a port in the United States of America.

COMPETENCY.

Coasting trade from one port in Canada to another port in Canada, or to a port in the United States of America or Newfoundland.

1. *All candidates* must pass the examination in colours.
2. A *Mate* must be 19 years of age, and have served at least two years at sea.
3. *In Navigation*.—He must write legibly, and be able to find his latitude by a meridian altitude of the sun; must be able to take a bearing by compass, and determine his position by cross-bearings on the chart, and to shape a course and determine the distance run from any given departure.
4. *In Seamanship*.—He must possess a thorough knowledge of the "rule of the road," as regards both steamers and sailing vessels, their regulation lights, fog and sound signals; he must know the signals to be made if in distress; he must understand both the lead and the log, knotting and splicing rigging, and stowing a cargo. He will be examined in seamanship generally, either for "square rig," "fore and aft" or "steamer," as the case may be. If in the latter, he must have a knowledge of the fittings for fire purposes, the bulk-head sluices, if any, and the engine-room, telegraph, the securing and lowering of the life boats and life rafts. The examiner will ask any other questions he may think fit relating to the duties of a mate.
5. A *Master* must be 21 years of age, and have been at sea at least three years, one of which he must have been as mate.
6. *In Navigation*.—In addition to the qualifications for a mate, he will have to explain how he would shape a course to counteract the effect of a given current, and find the distance made good towards a given point in a certain time.
7. *In Seamanship*.—In addition to the qualifications for a mate, he must know the principal lights upon the coast, and be well acquainted with the tides and soundings. He will be required to explain how he would lay out an anchor in case of stranding, and be able to rig a temporary rudder should the steering apparatus become disabled. He will be questioned as to his knowledge of protests, invoices, charter party, bottomry, bonds and bills of lading. The examiner will ask him any further questions he may think fit relating to the duties of a master.

For the Great Inland Lakes or Minor Inland Waters of Canada.

8. This certificate shall be valid for the inland lakes and rivers of Canada, including such great waters as Lake Huron and the Georgian Bay, Lake Superior, Lake Erie and Lake Ontario.

9, All candidates must pass the examination in colours.

10. A *Mate* must be 19 years of age, and have served at least two years at sea, or on the inland waters.

11. *In Navigation*.—He must write legibly, and be able to take a bearing by compass, and determine his position by cross-bearings on the chart. He must be able to shape a course, and determine the distance run from any given departure.

12. *In Seamanship*.—He must possess a thorough knowledge of the "rule of the road" as regards both steamers and sailing vessels, their regulation lights, fog and sound signals; he must know the signals to be made if in distress; he must understand both the lead and the log, knotting and splicing rigging, and stowing a cargo. He will be examined in seamanship generally, either for "square rig," "fore and aft" or "steamer," as the case may be. If in the latter, he must have a knowledge of the fittings for fire purposes, the bulk-head sluices, if any, and the engine-room telegraph, the securing and lowering of life boats and life rafts. The examiner will ask any other questions he may think fit relating to the duties of a mate.

13. A *Master* must be 21 years of age, and must have been at sea or on the inland waters at least three years, one of which he must have been as mate.

14. *In Navigation*.—In addition to the qualifications for a mate, he will have to explain how he would shape a course to counteract the effect of a given current, and find the distance made good towards a given point in a certain time.

15. *In Seamanship*.—In addition to the qualifications for a mate, he must know the principal lights upon the great inland waters; he will be required to explain how he would lay out an anchor in case of stranding, and be able to rig a temporary rudder should the steering apparatus become disabled. He will be questioned as to his knowledge of protests, invoices, charter party and bills of lading. The examiner will ask him any further questions he may think fit relating to the duties of a master.

For the minor lakes and rivers of Canada, such as Lake Simcoe, Lake Memphremagog, the River St. Lawrence above Quebec, the Ottawa River, the River St. John and adjacent lakes, or any river or lake in British Columbia, or in Manitoba, or the North-West Territories, or in the District of Keewatin.

16. A *Mate* must be 19 years of age, and have been at least two years afloat.

17. All candidates must pass in colours.

18. *In Navigation*.—He must be able to shape a course upon the chart, and find his position by cross-bearings of two well known objects; he must be able to measure distances upon the chart, and be able to keep the run of the vessel.

19. *In Seamanship.*—He must understand how to use the lead. He must possess a thorough knowledge of the “rule of the road,” both for sailing and steam vessels; he must be able to knot and splice, to fit and rig a “fore and after.” He must understand the stowage of cargoes, and the general management of vessels in bad weather. If examined for a steamboat, he must understand the use of springs on going to or leaving a wharf; he will have to explain the usual modes of extinguishing fire on board ship. He will explain the securing and lowering of life-boats and life-rafts. The Examiner will put any further questions he may think fit, appertaining to the duties of mate.

20. *A Master* must be 21 years of age, and have been at least three years afloat, one of which he must have served as mate.

21. *In Navigation.*—In addition to the qualifications for a mate, he must have a knowledge of the principal lights upon the lakes or rivers he is about to be employed upon; the principal danger in that locality; the courses and distances to be run to avoid them,

22. *In Seamanship.*—In addition to the qualifications for a mate, he will have to explain how he would lay out an anchor in case of his vessel becoming stranded. He will be examined as to his knowledge of protests, invoices, charter party and bills of lading. The examiner will ask any further questions he may think fit, relating to the duties of a master in the inland waters.

Service.

23. A candidate for a certificate of service will require to produce satisfactory evidence of sobriety, experience, ability and general good conduct, and furnish the name or names and class of vessels in which he served as master or mate, as the case may be, previous to the first January, 1883.

24. All candidates must pass the examination in colours.

Miscellaneous.

25. Testimonials of character and of sobriety, experience, ability and good conduct on board ship, will be required of all applicants, and without producing them no person will be examined. As such testimonials will have to be closely examined by the examiners, for verification before any certificates can be granted, candidates are to lodge them as early as possible. The testimonials of servitude of foreigners and British seamen serving in foreign vessels, must be confirmed either by the Consul of the country to which the ship in which the candidates served belonged, or by some other official authority of that country or by the testimony of some credible person on the spot, having personal knowledge of the fact required to be established. Upon application to one of the examiners, candidates will be supplied with a form,

which they will be required to fill up and lodge with their testimonials in the hands of the examiners.

26. Candidates are required to appear at the examination room punctually at the time appointed.

27. Candidates are prohibited from bringing into the examination room books or paper of any kind whatever. The slightest infringement of this regulation will subject the offender to all the penalties of a failure.

28. In the event of any candidate being detected in defacing, blotting, writing in or otherwise injuring any book or books belonging to the examiners, the papers of such candidate will be detained until the book or books so defaced be replaced by him. He will not, however, be at liberty to remove the damaged book, which will still remain the property of the examiners.

29. In the event of any candidate being discovered copying from another, or affording any assistance or giving any information to another, or communicating in any way with another during the time of examination, he will subject himself to a failure and its consequences.

30. No candidate will be allowed to work out his problems on a slate or on waste paper.

31. No candidate will be permitted to leave the room until he has given up the paper upon which he is engaged.

32. Candidates will be allowed to work out the various problems by the method and tables they have been accustomed to use, and will be allowed six hours to perform the work. At the expiration of six hours they will, if they have not finished, be declared to have failed, unless the examiners see fit to lengthen the period in any special case. If, however, the period is lengthened in any special case, the special circumstances of that case and the reasons for lengthening the period must be reported to the Minister of Marine and Fisheries by the examiners at the time they send in the report.

33. Candidates are expected to bring their answers to all problems within, or not to exceed, a margin of one mile of position from a correct result.

34. From masters, a degree of precision will be required, both in the work and in the results, beyond what is demanded from mates.

35. In every case where problems are required to be worked out, the examination for master is to commence with the problems for mate.

36. In all cases of failure the candidate must be examined *de novo*. If a candidate fails, he will not be re-examined until after a lapse of six months' service afloat.

on the inland waters or sea coast, as the case may be, to give him time to gain experience.

Examinations may be held at the following ports, viz:—Toronto, Ottawa, Montreal, Quebec, St. John, N.B., Yarmouth, Halifax, Sydney, Lunenburg, Charlottetown, Winnipeg and Victoria, for the purpose of examining candidates.

Note.

As the examination of masters and mates is made compulsory, the qualifications have been kept as low as possible, but it is distinctly to be understood that the Minister of Marine and Fisheries may raise the standard from time to time if deemed advisable.

The examiners appointed up to the 31st December, under the provisions of this Act, at the different ports, are as follows:—At Halifax, Captain P. A. Scott, R.N., G. A. Mackenzie and David Hunter; at St. John, Captain J. Prichard and William Thomas; at Yarmouth, Captain Thomas Killam and Henry Lewis; at Charlottetown, Captain Roderick Cameron; at Quebec, Zephirin Charon; at Victoria, B.C., Frederick Revely and Captain John Devreaux.

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, 1883, was 248, representing a tonnage of 118,504 tons register, and the amount of loss, both partial and total to vessels and cargoes, so far as ascertained, was \$1,448,741.

The number of lives lost in connection with these casualties was 199, viz., 157 in Canadian waters and 42 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 in American inland waters during the last calendar year, were 40, and the tonnage involved was 11,716 tons register. The number of lives lost was 10. The amount of loss and damage in connection with the vessels and cargoes is estimated at \$1,304,389.

When the wreck register was closed in 1882, there were a number of casualties reported of which the Department had not sufficient particulars to enable it to publish them in the list for that year. Returns were subsequently received for many of these casualties, and a list of them will be found in Supplement No. 1 to this report. These casualties have been added to the disasters previously reported, and have largely increased the amount of loss and damage sustained by the mercantile marine in 1882. Adding these disasters to the casualties before reported for 1882, makes

the total number of disasters reported as having occurred in that year to be 451; the number of tons involved 193,655; the number of lives lost, 271, and the amount of loss and damage, \$3,138,423.

No wrecks occurred on St. Paul's Island during the last year.

The British bark "Brittannia," 444 tons register, six years old, with seventeen persons on board, struck on the north-east bar of Sable Island during a dense fog on the morning of the 3rd of September last, while on a voyage from Jamaica to Montreal, with sugar and rum, and became a total loss. The vessel was valued at \$22,000 and was insured for \$15,000. The cargo was valued at \$40,000. The vessel was owned by Mr. Thomas Yates, of Shoreham, England.

The wreck was discovered by the lookout on the Island at daylight, and the life-boat left for the rescue, but only succeeded in getting within half a mile of the wreck, owing to the heavy sea breaking over the bar. On the morning of the 5th, when the weather had moderated, the boat again put off for the scene of the wreck, but the vessel had, in the meantime, been broken up. The master and three seamen were found floating on a piece of the wreck and were rescued and cared for at the station on the Island. These were the only persons saved, out of the seventeen on board. Amongst the lost were the captain's wife and four children. This was the only wreck which occurred on the Sable Island or bars during the last year.

The fine iron steamship "Brantford City," 1,566 tons register, was wrecked during a dense fog on Harding's Point County of Shelburne, Nova Scotia, on the 10th of August last while on a voyage from Liverpool to Boston, having previously landed part of her cargo at Halifax. No lives were lost by this casualty. The vessel was valued at \$150,000 and was insured for that amount. The value of the cargo is unknown. The vessel was three years old and was classed A 1 in Lloyds and was owned by Mr. C. Furness, of West Hartlepool, England. An investigation was held by Captain P. A. Scott, R. N. Chairman of the Board of Examiners of Masters and Mates into the cause which led to the loss of this fine vessel. The Court suspended the certificate of the masters Captain John Alderson, for a period of six months from the 19th of September last, and recommended that a mate's certificate be issued to him during that period; but as the Minister of Marine and Fisheries did not approve of the latter recommendation a mate's certificate was not given him.

The brigantine "Peeress," of Charlottetown, P. E. I., was stranded on one of the banks off the Bahamas in the month of August last, while on a voyage from Sagua la Grande to New York, with a cargo of sugar. The vessel was got off with the assistance of wreckers and taken into Nassau for repairs, the cost of which has not yet been ascertained by the Department. The vessel was largely owned by the master, Captain Frederick A. Douse, who held a master's Canadian certificate of competency.

An inquiry was held at Nassau into the causes which led to the stranding of this vessel and the Court suspended the master's certificate for a period of twelve months.

The Schooner "Bessie Currie," of Windsor, N. S., 183 tons register, was stranded on Lookout Reef, Caicos Passage, West Indies, on the 24th April last, and became a total loss, while on a voyage from Halifax to Cuba, with a cargo of lumber. No lives were lost by this casualty. The vessel was only one year old and was valued at \$9,000. She was insured for \$6,000. The cargo was valued at \$2,300. A Court of Inquiry was held by Captain P. A. Scott, R. N., Chairman of the Board of Examiners of Masters and Mates, at St. John, N. B., on the 29th of December last, and continued for several days. The Court cancelled the certificate of the master, who held a Canadian certificate of service, on the ground of incompetency, and suspended the certificate of Stephen Siteman, the mate, for a period of twelve months from the 13th of December, 1883.

The wooden ship "Canon Harrison," of St. John, N. B., 1,191 tons register tonnage was abandoned at sea in a sinking condition on the 3rd of February last, while on a voyage from Calcutta to Liverpool, with a cargo of wheat and linseed, and became a total loss. The crew were rescued by an Italian bark and landed at Teneriffe. The ship was seven years old, and was valued at \$24,000. The value of the cargo is unknown. The vessel was owned by Mr. Richard C. Haws, of Liverpool, Great Britain,

The wooden steamer "Grappler," of Victoria, British Columbia, was totally destroyed by fire on the 29th of April last while on a coasting voyage from Departure Bay, with a general cargo and about 100 passengers. The cause of the fire, which originated near the boiler, is unknown. Between sixty and seventy lives were lost by this casualty. She was twenty-nine years of age, and was valued at \$10,000. The cargo was valued at \$8,000. The vessel was owned by Messrs. Saunders & Warren, of Victoria.

The wooden bark "Minnie Gordon," of Chatham, New Brunswick, was totally lost at Cape North, Prince Edward Island, on the 5th November last, while on a voyage from Newcastle, N.B., to the port of Queenstown, Ireland, with a cargo of lumber. No lives were lost by this disaster. The vessel was five years old, and was 640 tons register, and was owned by Mr. George McLeod, of St. John, N.B. The cargo was valued at \$6,000, and was insured for that amount. The vessel was valued at \$30,000, and was insured for \$25,000. An inquiry was held by Captain P. A. Scott, R.N., into the causes which led to the loss of this vessel, at St. John, N.B., and the Court suspended the certificate of the master, Captain John McIlgorm, for the space of twelve months from the 3rd of December. A mate's certificate was issued to Captain McIlgorm upon the recommendation of the Court.

The new Government Steamship "Princess Louise," 364 tons register, was totally wrecked on the 3rd December last near Point Prim, Digby County, in the Bay of

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Fundy, while being towed to Halifax by the Government steamship "Newfield," whence it was intended she should sail to Glasgow, where she was to receive her engines. The vessel was built at Maccan and had only recently been launched. She was taken in tow on the morning of the 2nd of December, off Harvey Point, in the Cumberland Basin, and proceeded down the Bay, with the wind from the southward and eastward. The weather continued fine until noon, but between noon and 2 p. m., the barometer commenced falling, with a dark and threatening sky, and as that aspect of the weather continued, the course of the ship was shaped for Digby, as it had been arranged between Captain Guilford, of the "Newfield," and Captain D. M. Browne, who was in command of the "Princess Louise" that they would go into Digby should the weather become threatening. At 6 p. m. the vessels were within one mile of Digby Gut, the light bearing S. S. W., the weather being misty, with drizzling rain and a light breeze from the south-east, but as the ships were under a weather shore, with a light breeze, Captain Guilford considered their position a safe one and stood off and on expecting the weather would clear up. At 10 p. m. the wind suddenly shifted to the east and rapidly backed into the north-east, with a blinding snowstorm. The "Newfield's" head was then put off shore by Captain Guilford, the engines going full speed. At midnight the wind backed to the north, blowing hard with a heavy sea, rolling the "Newfield's" waistboats under water, and as the wind increased after midnight the vessels made but little headway. At 3:30 on the morning of the 3rd, the steel hawser with which the "Princess Louise" was being towed, parted, and that ill-fated vessel drifted on the rocks near Point Prim, becoming a total loss. There were ten persons on board, of which two were saved. Amongst the lost was Captain D. M. Browne, who was in charge of the vessel. The vessel was valued at \$30,000. The "Newfield" found it impossible to render the "Princess Louise" any assistance after the hawser parted, as owing to the violence of wind and sea, she had as much as she could do to save herself.

The wooden bark "Agra," of Charlottetown, P.E.I., 695 tons register, nine years old, was stranded on a shoal in the North Sea, near the Straits of Dover, on the 11th of June last, while on a voyage from Hamburg to Philadelphia. An investigation into the causes which led to the stranding of this vessel was held in October last, at the British Consul's Office, Philadelphia, which resulted in the suspension of the certificate of the master, Capt. Dennis Leary, who held a Canadian certificate of competency, for the period of six months, from the 6th of October last.

The wooden bark "Mary S. Gibson," of St. John, N. B., sailed from Baltimore for Antwerp, with a cargo of grain on the 25th of January, 1883. She was last seen on the 15th February, in north latitude 44° 50', and west longitude 33° 50', but has not since been heard of. By this casualty fourteen lives are supposed to have been lost. The value of the ship was \$25,000, and she was insured for \$7,000. The value of the cargo is estimated at \$40,000.

The barge "Enterprise," of Wallaceburg, 200 tons register, foundered at Port Austin, Saginaw Bay, Lake Huron, on the 20th of November last, while on a voyage from Sarnia to Port Arthur, with a cargo of railway supplies. By this casualty seven lives were lost. The vessel was nine years old, and was valued at \$9,000. She was insured for \$7,000. The value of the cargo is not known. The vessel had been ashore and was being towed to port for repairs, when she suddenly sank.

The steam tug "Mary Anna," of Goderich, six tons register, foundered through stress of weather on the 24th of May last, two miles east of Tobermorry, Georgian Bay, while going from Lion's Head to Tobermorry. By this casualty two lives were lost. The vessel was valued at \$1,000.

The steamer "Spartan," of Montreal, 678 tons register, was wrecked at Cariboo Island, in Lake Superior, while on a voyage from Silver Islet to Owen Sound. This casualty was caused by foggy weather. No lives were lost by this disaster. The vessel was damaged to the extent of \$21,000. The cargo was uninjured. The vessel was subsequently got off and taken to Detroit for repairs.

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	1872.....	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.....	463	177,806	153	2,957,582
do	do	1878.....	414	161,760	187	3,444,875
do	do	1879.....	533	198,304	319	4,119,233
do	do	1880.....	445	179,993	217	3,820,652
do	do	1881.....	340	210,719	399	4,922,423
do	do	1882.....	451	193,655	271	3,138,423
do	do	1883.....	248	118,504	199	1,448,741

* 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 Supplement No. 1 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. Joseph H. Wade as shipping master at Bridgewater, N.S., on the 14th May last, in the room of Mr. Wm. M. Duff, removed from the locality.

The appointment of Mr. James Armstrong as shipping master at North Sydney, N.S., on the 5th June last, in the room of Mr. Michael Tracey, deceased.

The appointment of Mr. John Stapleton as shipping master at Port Hawkesbury, on the 19th December last, in the room of Mr. Angus Grant, resigned.

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 4,615 seamen; discharged 2,872, and received as fees, at the rate of 50 cents for each seaman shipped and 30 cents for each seaman discharged—\$3,169.10, out of which he paid for assistants and incidental expenses, \$1,031.38, leaving the net income of his office \$2,137.72.

The shipping master at Halifax shipped during the year 3,423 seamen; discharged 2,962; for which he received \$2,600.10, out of which, after deducting expenses, he had as remuneration \$1,411.60.

The shipping master at Montreal shipped during the year 545 seamen; discharged 909, and received as fees \$713.

At the port of Quebec, the total number of seamen shipped from the 1st January to 31st December last was 1,881, of which number 810 belonged to British, 889 to Dominion, and 182 to foreign vessels; 1,629 seamen were discharged and deserted during the same period, of whom 1,004 belonged to British and 625 to Dominion vessels. The total receipts during the calendar year amounted to \$1,930.20, and deducting the sum of \$194.50, being the amount of incidental expenses, the balance, \$1,735.70, reverted to the Treasury.

At the port of Chatham, N.B., 515 seamen were shipped, 131 discharged, and fees to the amount of \$296.80 received by the shipping master.

At the port of Pictou, N.S., 266 seamen were shipped, 159 discharged, and fees received to the amount of \$180.70.

At the port of Yarmouth, N.S., 525 seamen were shipped, 411 discharged, and fees to the amount of \$385.80 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 Supplement No. 1—
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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. 33 in 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	3,200 00
“ in Treasurer's hands.....	142 70
	<hr/>
	\$56,695 41
Deduct arrears due on pensions.....	388 03
	<hr/>
	\$56,307 38

The number of pilots on the active list on the 31st December last was 178 being four less than last year, and the number of apprentice pilots was 31, one more than last reported; 37 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 with the exception of one, were licensed for one year. Four pilots were pensioned, four died and one had his license forfeited during the year. Of pilots on the active list, 24 were in the employ of steamship companies, and in charge of Dominion steamers and light vessels. Five apprentice pilots were admitted to practice during the year and seven new apprentices indentured under the stipulation that they would not be admitted to pass their examination before the number of pilots is reduced to 125.

The Commissioners report that six pilots were tried during the season on complaints lodged by ship masters, and four on complaints lodged by the corporation of pilots, for infringing their regulations. In six of the cases the pilots were found guilty and fined or suspended, in three cases the pilots were acquitted, and the other case was dismissed.

The number of decayed pilots on the list is 46, and the pensions range from \$47 to \$110; 121 widows receive pensions ranging from \$38 to \$68 and 15 children pensions ranging from \$10 to \$15. The amount paid for pensions during the year was \$10,727.60, and the percentage on contributions of pilots to the Fund amounted to \$9,843.89, and the sum of \$2,920.67 was received for interest. The total receipts on account of the Fund, including a balance from the preceding year, amounted to \$14,854.63, and the expenses amounted to \$11,511.93. The total receipt of the Corporation of Pilots for past season, as given by the Secretary, amounted to \$138,254.71, and the net dividend paid to each pilot on the active list was \$651.47.

MONTREAL.

The report of the Harbour Commissioners of Montreal, who are, by law, constituted the Pilot Authority for this district, and possess the powers formerly vested in the Montreal Trinity House, will be found in Supplement No. 1. A statement of

the Decayed Pilotage Fund will be found in Appendix No. 34 of this report. The fund continues in a very satisfactory condition, the net increase over last year being \$1,051.83, the item of poundage showing an increase of \$204.94. The receipts were: for poundage, \$2,251.72; interest on investments, \$2,081.87. The Fund now amounts to \$38,604.19, \$24,000 which is invested in Montreal Harbour Bonds, \$2,000 in Water Works Bonds, \$5,000 in Montreal Consolidated Fund, \$7,591.41 in City and District Savings Bank, and \$12.78 in the hands of the Treasurer. The total earnings of the pilots amounted to \$43,995.87, and of this amount \$41,980.04 was received from British vessels. Several minor casualties occurred to vessels within the district, but only two formal complaints were made against pilots, and for these one pilot was suspended and another fined and reprimanded. The amount received by the Commissioners as Pilotage Authority from poundage and interest on investments was \$4333.59.

HALIFAX, N. S.

The returns received from the Halifax Pilotage Authority for the year ended 31st December last, show that the sum of \$15,646.87 was received as pilotage dues, of which \$12,402.70 was received from British and \$3,244.17 from foreign vessels. The receipts for commission on pilotage collected, outward pilotage on ships having no pilots, inspection fees, &c., amounted to \$1,900.13, while the expenses for Secretary's salary, office rent, &c., amounted to \$919.89, leaving a balance on hand of \$980.24. The Superannuation Fund amounts to \$2,193.14. There are 26 licensed pilots in this district.

ST. JOHN, N. B.

The returns of this district for the last calendar year, show that the sum of \$26,343.55 was received as pilotage dues, of which \$17,762.27 was from British vessels and \$8,591.28 from foreign vessels. There are 38 pilots and six licensed pilot boats. The receipts of the Pilotage Authority from license fees and other sources amounted to \$2,394.04 and the expenditure to \$2,076.

MIRAMICHI, N. B.

There are 39 licensed pilots and four licensed pilot boats. The total number of vessels reported inwards and outwards was 585, of which 267 were British and 318 were foreign. The total amount received from pilotage, &c., was \$19,762.34, and of this amount 31 pilots received each \$595.91, making in all \$18,473.21. The balance of \$1,289.13 was expended in payment of Secretary's salary and other expenses.

PICTOU, N. S.

There are 14 licensed pilots in this district and one certificated master. The sum of \$4,045.15 was received as pilotage dues, of which \$3,497.65 was received from British and \$547.50 from foreign ships. Of this amount, \$3,768.15 was paid to the pilots

\$150 to the Secretary and \$164.98 for other expenses, leaving a balance of \$181.27 on hand.

VICTORIA AND ESQUIMALT, B. C.

There are 12 licensed pilots in this district and 20 certificated masters and mates. The total amount of fees received for the calendar year was \$11,039.87 of which \$2,462.12 was from British and \$8,577.75 from foreign vessels. Fees for certificates, examinations and surveys, with balance from previous years, make the entire receipts \$11,335.28, while the fees paid to pilots, salary of Secretary office and other expenses amounted to \$11,315.52.

In addition to the pilotage districts, above mentioned, returns have been received from the pilotage districts of Moncton, N.B., Buctouche, N.B., Louisburg, N.S., and Dalhousie, N. B.

HARBOUR COMMISSIONERS AND HARBOUR MASTERS.

In Supplement No. 1 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 from harbour tolls amounted to \$7,972.71, an increase, as compared with the previous year, of \$642. The total revenue for the year was \$11,064.31, the expenditure amounted to \$11,015.04, and the balance in hand at the end of the year was \$1,257.70. The number of vessels that arrived at the port during the season was 1,732. Dredging was performed at various places in the harbour at a cost to the Commissioners of \$2,336.47.

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 past year amounted to \$66,594.82, and shows an increase over that of the preceding year of \$6,740.55. Of the revenue received, \$26,008.34 was for tonnage dues, \$15,724.82 for export, import and harbour dues, \$21,677.93 for revenue from property, and the balance for interest and sundries. The expenditure, including salaries of officials, interest, sinking fund on \$723,000, debentures, expenses, expenses on wharves and sundries, amounted to \$53,339.37, showing an excess of revenue over expenditure of \$13,255.45. The total value of the assets of the corporation is given as \$2,371,118.38, and the liabilities as \$2,146,728.86.

The Commissioners report that the charge of the construction of the graving dock at Point Levis has been placed under the charge of the chief engineer of the Department of Public Works, and that on his advice it had been decided to shift the entrance works of the dock inwards a distance of thirty feet, so as to found them on

the solid rock, which will reduce the length of the dock from the original estimate to 519 feet, a length, however, sufficient to accommodate any vessel that can pass over the sill of the dock. The sum of \$521,429 has been expended on this work, and it is estimated that \$200,000 will be required to complete the dock.

One of the two contracts awarded in 1882, viz., the Gas Wharf Junction contract, has been satisfactorily completed, but that for dredging will probably not be completed before the close of next season. The last contract for the completion of the harbour improvements, viz., the Cross Wall contract, was awarded in June last to Messrs. Larkin, Connolly & Co., and will involve an expenditure of \$634,000, and it is expected that the immense harbour improvements commenced in 1877 will be completed in 1886.

The report of the Harbor Master to the Harbor Commissioners of Montreal shows that 660 vessels arrived in port during the season, of the aggregate tonnage of 664,263 tons, showing an increase of 12 vessels and 109,571 tons over the year 1882. Of these vessels 460 were built of iron, of an aggregate tonnage of 603,782 tons, and 200 of wood, of an aggregate tonnage of 60,481 tons; 5,477 inland vessels arrived at port, of an aggregate tonnage of 764,721, making a total of 6,137 vessels of all classes, and 1,458,984 tons.

From the report of the Harbor Engineer it appears that during the past season the basin of the harbor was widened by dredging and its depth increased, and repairs and improvements made to several wharves in the harbor.

The report of the Harbour Commissioners for the port of Pictou, N.S., will be found in Supplement No. 1, together with an account of their receipts and disbursements. The receipts from wharfage, &c., during the past year amounted to \$1,771.67, making with amount in hand from previous year, \$5,213.48. The expenditure amounted to \$2,354.71, leaving a balance on hand of \$2,858.76. The Commissioners contemplate expending part of the balance in finishing the breakwater at each public wharf commenced last winter.

The reports of the Harbour Commissioners for North Sydney not having come to hand at the date of closing this Report, the usual particulars cannot be given, but will be found in Supplement No. 1 in this Report.

In Supplement No. 1 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., chapters 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. Urbain Doucette for Meteghan River, N. S., on the 31st January, at a salary not to exceed \$100 of the fees collected.

Mr. Andrew Bellefontaine, for Arichat, N. S., on the 19th March, at a salary not to exceed \$200 of the fees collected, in the room of Mr. F. L. Marmand, removed from the locality.

Mr. John Galna, for Parry Sound, Ont., on the 19th March, at a salary not to exceed \$200 of the fees collected.

Mr. Duncan Gillis, for Port Mulgrave, N. S., on the 22nd March, at a salary not to exceed \$200 of the fees collected, in the room of Mr. O. G. White, resigned.

Mr. James Moffat, for Dalhousie, N. B., on the 5th April, at salary not to exceed \$200 of the fees collected, in the room of Mr. J. W. Cullen, deceased.

Mr. Louis Poirier, for Caraquet, N.B., on the 17th April, at a salary not to exceed \$150 of the fees collected, in the room of Mr. P. Paulin, resigned.

Mr. James Keswick, for Buctouche, N.B., on the 28th May, at a salary not to exceed \$100 of the fees collected, in the room of Mr. John Keswick, deceased.

Mr. Donald McKenzie, for Big Harbour, N. S., on the 28th May, at a salary not to exceed \$100 of the fees collected.

Mr. Normand Matheson, for Little Narrows, N. S., on the 28th May, at a salary not to exceed \$100 of the fees collected.

Mr. James McGillop, for Smith's Mountain, N. S., on the 28th May, at a salary not to exceed \$100 of the fees collected.

Mr. Hugh Campbell, for County Line to Grand Narrows, Cape Breton, N. S., on the 28th May, at a salary not to exceed \$100 of the fees collected.

Mr. Francis Payne, for New Haven, N. S., on the 28th May, at a salary not to exceed \$100 of the fees collected.

Mr. Abraham Hayman, for Mill's Harbour, N. S., on the 28th May, at a salary not to exceed \$100 of the fees collected.

Mr. Allan Campbell, for Cardigan River, P.E.I., on the 14th June, at a salary not to exceed \$100 of the fees collected, in the room of Mr. Angus McDonald who has left the locality.

Mr. Vital Lousier, Pokemouche, N.B., on the 23rd June, at a salary not to exceed \$100 of the fees collected.

Mr. Alex. D. Park, for Petit Rivière, N.S., on the 23rd June, at a salary not to exceed \$100 of the fees collected.

Mr. John Sabiston, jun., for Nanaimo and Departure Bay, B.C., on the 31st July, at a salary not to exceed \$500 of the fees collected, in the room of Mr. T. E. Peck, superseded.

Mr. Archibald Evans, for Chester, N. S., on the 4th August, at a salary not to exceed \$100 of the fees collected.

Mr. Robert Gillis, for East Bay, N. S., on the 18th August, at a salary not to exceed \$100 of the fees collected.

Mr. Peter McNeil, for St. Peter's N.S., on the 17th September, at a salary not to exceed \$100 of the fees collected, in the room of Mr. W. W. Handlay, resigned.

Mr. Elias W. Cross, for Beaver Harbour, &c., N.B., on the 17th September, at a salary not to exceed \$100 of the fees collected.

Mr. Joseph Chambers, for Letête, &c., N.B., on the 17th September, at a salary not to exceed \$100 of the fees collected.

Mr. Malcolm McFarlane, for Sheet Harbour, N.S., on the 16th December, at a salary not to exceed \$150 of the fees collected, in the room of Mr. William Hall, deceased.

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, Eboulements, L'Islet and Berthier, in the Province of Quebec; Maitland, Oak Point, Digby, Delaps Cove, Meteghan River, Port Greville and Brooklyn, in the Province of Nova Scotia, and Clifton, in the Province of New Brunswick. 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 \$3,676.84.

By Order in Council of the 31st January last, Mr. Urbain Doucette was appointed Wharfinger of the pier at Meteghan River, N.S., to receive as remuneration for his services, 20 per centum of the amount collected.

By Order in Council of the 4th May last, tolls at Goderich Wharf remitted for five years and services of Wharfinger dispensed with.

METEOROLOGICAL SERVICE.

The annual report of the Meteorological Service by the Superintendent, Mr. Carpmael, will be found in Appendix No. 35. By reference to this report it will be seen that an increase has been made to the number of volunteer observers during the year. Three telegraph reporting stations have been added to the list, viz., Qu'Appelle and Medicine Hat, in the North-West, and Grand Manan, New Brunswick.

No change has been made in the system of storm signals, and no new stations have been added during the year. The warnings issued during the year were 1,185, of which 858 were verified.

The issue of weather forecasts has continued without interruption throughout the year. 7,519 predictions were issued, of which 5,684 were fully verified, 909 partly, and 926 not verified. During the year the general superintendence of the time service at Quebec and St. John, N.B., has been placed under Mr. Carpmael. By reference to Appendix No. 20 it will be seen that the sum of \$42,294 has been expended on this service during the past fiscal year.

OBSERVATORIES.

The annual reports of the Directors of the Magnetic Observatory at Toronto Montreal and Kingston will be found in the appendices to this Report. By reference to Appendix No. 21 it will be found that \$5,050 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 \$51,990.35.

PORT WARDENS.

MONTREAL.

From the report of the Port Warden for Montreal, transmitted by the Montreal Board of Trade, it appears that the arrivals at this port show an increase as compared with the previous years both in number of ships and the amount of tonnage, 335 ships with an aggregate tonnage of 489,741 tons being reported as against 329 ships with a tonnage of 405,636. In these arrivals vessels from Newfoundland and places within the Dominion are not included, as they do not come under the authority of the Port Warden unless they load for ports outside of these limits. No ships have been reported during the year as lost from overloading or shifting of cargo. The shipment of grain was in excess of that of preceding years, the total quantity shipped being 9,781,001 bushels, as against 8,293,830 bushels in 1882. The export of phosphate was 17,160 tons, against 15,556 in 1882. The shipment of deals was in excess of any previous year, and the shipment of cattle and sheep very large, there being 50,345 head of cattle and 102,347 sheep shipped, as against 28,491 head

of cattle and 64,590 sheep shipped in 1882. The receipts of the Port Warden's office during the year amounted to \$8,548.35, and the expenditure is \$7,877.21, of which amount \$5,954.56 was for salaries.

From the report of the Port Warden at Quebec it appears that during the year he examined and surveyed 79 vessels on account of stranding, collision, &c., and 111 steamships and sailing vessels with general cargoes, as required by law. The fees received amounted to \$2,766.38, and the expenses to \$1,119.75.

The Port Warden at Halifax reports that during the year he held surveys on 61 vessels, which arrived in a damaged condition. The fees from all sources amounted to \$2,331.61, and the expenses \$786.84.

The Port Warden at Charlottetown, P.E.I., reports that no loss has occurred of any grain laden vessel from the Island-bound for foreign ports. The fees derived from grain laden ships and other surveys amounted to \$505, and the expenses of office to \$165.75.

The Port Warden at Pictou held surveys on seventeen vessels which arrived at port in a damaged condition, and received fees to the amount of \$323.

The Port Warden at Chatham, N.B., held surveys on five vessels, and received fees to the amount of \$79.50.

The Port Warden at Sydney, N.S., held surveys on forty vessels, and received fees to the amount of \$392.

The Port Warden at Port Hawkesbury, N.S., held surveys on sixteen vessels, and received fees to the amount of \$321.

The Port Warden at St. Andrews surveyed only one vessel, and reports receipt of fees amounting to \$4.50.

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

SIGNAL SERVICE.

By Order in Council of the 19th September, 1882, the operation of the Signal and Fisheries Bulletin Service was transferred from the Department of Public Works to this Department, owing to the fact that nearly all the Signalling Stations are operated by Lighthouse Keepers who are under the control of this Department. As will be seen by reference to Appendix No. 23, the sum of \$3,365.33 was expended by this Department on account of this service during the past fiscal year.

Twenty-eight Signal Stations have now been established, four having been added to the number during the past season. A daily report as to passing vessels is

forwarded from these Signal Stations to the Boards of Trade and the Press at Quebec and Moutreal, and this service has proved of material benefit to owners and under-writers of vessels.

Information as to the state of ice and weather in the Gulf is also given by means of the Signal Service to vessels desiring it.

The Fisheries Bulletin Service extends from Baie des Chaleurs to Matane on the south shore of the St. Lawrence.

MERCHANT SHIPPING.

As the returns of shipping on the registry books of the Dominion, on the 31st ultimo, which are required by law to be furnished by 21st January in each year, have not all been received, the usual statement relative to the total tonnage of vessels in the Dominion cannot be published in this Report, but will appear in the "List of Shipping" for 1883, which is being compiled and which will be published and distributed at as early a date as possible.

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 Supplement No. 1 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. 29 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, 1883.

OUTSIDE SERVICE.

The number of persons employed on the Outside Service on the 31st December, 1883, 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.....	195
Agent, Clerk, Messenger, Superintendent of Lights, Light-keepers, Fog-whistle Keepers, &c., in New Brunswick....	76
Agent and Light-keepers in Prince Edward Island.....	33
Agent and Light-keepers in British Columbia.....	15
Officers and Crews of Dominion Steamers and Vessels.....	167
Inspectors of Steamboats.....	11
Examiners of Masters and Mates, and Clerk to Chairman of Board	12
Harbour Police, Montreal and Quebec.....	72
Officers and Servants in Marine Hospitals.....	75
Shipping Masters	25
Harbour Masters.....	187
Officers of Observatories, Meteorological Observers, &c., receiving pay.....	84
Receivers of Wreck	33
Wharfingers.....	11
Inspectors of Fisheries, Overseers, Wardens, Officers in charge of Fish-breeding Establishments, &c., in the Dominion.....	658

Making a total of. 1,991

For the previous year the number was 1,914. In addition to the 1,991 mentioned above, there are 81 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, 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 84 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 honor to be, Sir,

Your most obedient servant,

WM. SMITH,

Deputy of the Minister of Marine and Fisheries.

DEPARTMENT OF MARINE AND FISHERIES,

OTTAWA, 1st January, 1884.

F I S H E R I E S.

Preliminary Report on the Fisheries of Canada for the year 1883.

To THE HON. A. W. McLELAN,
Minister of Marine and Fisheries.

SIR,—The following preliminary Report on the Fisheries service of Canada principally treats of official transactions during the fiscal year ending 30th June, 1883, to which is added a *resumé* of operations in the artificial propagation of fish and tables shewing the distribution of the Fishing Bounty.

Owing to the unusually early meeting of Parliament, it is impossible to collect and prepare in time for submission, detailed statements from the respective Provinces, as the particulars necessary to complete these are procured from various sources and remote districts, some of which are difficult of access, whilst in others, fishing is actively pursued until the very close of navigation. A full report of these transactions is, however, in course of preparation and will be submitted with as little delay as possible.

PRODUCE OF THE FISHERIES.

The total value of the fisheries of Canada for the year 1883, may be approximately reckoned as follows:—

Nova Scotia.....	\$7,621,500
New Brunswick.....	3 185,675
Quebec	2,350,000
Prince Edward Island.....	1,258,500
British Columbia.....	2,000,000
Ontario.....	800,000
Total.....	<u>\$17,215,675</u>

Giving a total value of \$17,215,675, exclusive of Manitoba and the North-West Territories, from which there are no returns.

GENERAL REMARKS.

Nova Scotia.

A very gratifying and marked increase of nearly \$500,000 is expected over the previous year. This increase is almost entirely confined to the single item of codfish, and is undoubtedly due to the combined influences of remunerative prices and the fishing bounty which had the effect of adding some 140 new vessels to the fishing

fleet, with crews of about 1,200 men. The shore or boat fishing was not as successful as the deep-sea fishery; still, the catch was above the average, and prices generally ruled high. Fishermen were thus placed in a comfortable and fairly prosperous condition.

Herring and mackerel will show an increase. The value of lobsters, including those exported in a fresh state from Digby, Yarmouth and Shelburne, will about equal that of last year. A few violations of the law occurred, which were promptly detected and punished and this fact will have a good effect. Salmon will probably show a slight decrease, a circumstances mostly due to local causes, as the rivers are everywhere reported to be better stocked with parent fish than for the past twenty or thirty years. A slight falling off in the catch of alewives is also probable. This was not caused by any scarcity of the fish, but is simply attributed to the heavy freshets which prevailed during the spring season, thus enabling the fish to escape the nets and reach the inland lakes and waters in large numbers. During the month of September, immense shoals of young alewives were seen descending to the sea. A large increase may be confidently relied upon in this branch of the fisheries in the immediate future. There will probably be a considerable decrease in the catch of shad. As these fish do not spawn in our rivers, it is difficult to explain the cause of this falling off. Fifteen new fishways, built upon Inspector Rogers' improved model, which was awarded a medal at the London Exhibition, have been constructed during the year, and appear to give general satisfaction.

New Brunswick.

The yield of the fisheries in this Province will probably show a slight decrease of some \$6,000 or \$7,000, noticeable, for the most part, in the catch of salmon and sturgeon, whilst there will be an increase in the yield of cod, mackerel, smelts and lobsters.

Quebec.

The Counties of Gaspé and Bonaventure will show a very satisfactory increase in the catch of cod, herring and salmon, whilst there will be a falling off in the catch of lobsters. Cod and herring were taken right up at the head of Bay des Chaleurs, as in former times. The shore cod fishery around the Magdalen Islands was the best experienced for many years. Mackerel and herring summer fishing was poor, but as the people did well at cod fishing, this will not be of any material consequence. Seal fishing was a failure, owing to the ice, which prevented schooners from going out in time. A slight falling off is apprehended in the catch of lobsters. Cod and herring fishing were good at Anticosti, but the catch of salmon almost entirely failed.

On the coast of Labrador, the cod fishery was a partial failure owing to the ice remaining so long inshore. Vessels from Nova Scotia and elsewhere made but very

poor fares. Boat fishing was of an average. Herring fishing was poor. The sedentary fall and spring seal fishing was very remunerative. The seals were large and fat, and the yield of oil considerable. Owing to the failure of the fisheries at Esquimaux Point, assistance was applied for from the Provincial Government, and a supply of provisions was sent to the people. With the exception of the Esquimaux Point residents, the fishing population was well supplied for the winter. Fishing was fair, prices high, provisions cheap and the local harvest good.

The inland fisheries of the Province of Quebec continue to show signs of improvement; an increase being especially noticeable in the catch of salmon. The laws relative to the protection of fish were generally well observed.

Prince Edward Island.

The value of the fisheries of Prince Edward Island for 1883 will probably show a deficit of some \$600,000, compared with that of the preceding year. This deficiency is chargeable to the item of lobsters alone; herring, cod and hake having been abundant. The short catch of lobsters was due more to the scarcity of fish than to the severity of the weather. Several factories had to close for want of material before the time of fishing expired. Contrary to expectation, this year's catch of mackerel did not exceed that of the previous year, although the fish were of good quality. Upwards of fifty United States vessels were off the coast during the greatest part of the season, and they are reported to have all done well.

British Columbia.

The catch of salmon on the Fraser River has fallen short of that of last year, and there will be a considerable deficiency in the number of cases packed in that quarter. This, however, has been largely compensated for by a large increase in the yield of the northern canneries. The fur-seal catch has also been smaller, owing to boisterous weather on the west coast. In other branches there will be a large increase, and on the whole, the total returns will probably reach the limit of last year.

Ontario.

The value of the fisheries in the Province of Ontario is put down at \$800,000, being about the same as that of last year. On Lakes Huron and Superior fishing operations do not appear to have been carried on with the usual vigor, owing probably to an abundance of work and remunerative prices for labor elsewhere. The severe storms of November greatly interfered with the catch; but it is expected, that on the whole, the total results will be satisfactory. Prices ruled high and the demand was active. Several new officers were appointed in the outlying districts of Frontenac, Addington, Parry Sound, Nipissing and Muskoka, where the need of vigilance was much felt.

EXPENDITURE.

The total expenditure for the Fisheries Service during the financial year ending 30th June, 1883, amounted to \$114,673.76, as follows:—

General Service.....	\$62,341 43
Fish breeding.....	25,776 87
Maintenance and running expenses of armed steamer, " La Canadienne ".....	26,555 46
	<u>\$114,673 76</u>

This expenditure is sub-divided as follows:—

Nova Scotia.

Fishery Officers' salaries and disbursements....	\$16,247 14
Fish-breeding.....	4,191 34
	<u>\$20,438 48</u>

New Brunswick.

Fishery Officers' salaries and disbursements....	\$13,007 00
Fish-breeding.....	2,646 14
	<u>\$15,653 14</u>

Quebec.

Fishery Officers' salaries and disbursements....	\$13,287 30
Fish-breeding.....	7,987 12
	<u>\$21,274 42</u>

Prince Edward Island.

Fishery Officers' salaries and disbursements....	\$2,766 64
Fish-breeding.....	807 32
	<u>\$3,573 96</u>

British Columbia.

Fishery Officers' salaries and disbursements.....	\$1,599 92
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Ontario.

Fishery Officers' salaries and disbursements....	\$13,602 00
Fish-breeding.....	10,144 95
	<u>\$23,746 95</u>

Manitoba.

Report on fisheries.....	\$150 00
Fisheries protection vessel " La Canadienne ".....	\$26,555 46

Miscellaneous.

Legal and incidental expenses.....	1,681 43
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Total.....\$114,673 76

The expenses incurred for Fish Culture are also sub-divided, as follows, among eleven fish hatcheries:—

Ontario.

Newcastle.....	\$4,774 15
Sandwich.....	2,987 30
General disbursements, including salary and travelling expenses of S. Wilmot.....	2,383 50
	<u>\$10,144 95</u>

Quebec.

Tadoussac.....	\$2,302 56
Gaspé Basin.....	1,968 60
Magog.....	1,85 54
Ristigouche (Quebec and New Brunswick).....	1,798 65
General disbursements.....	58 77
	<u>\$7,987 12</u>

Nova Scotia.

Bedford Basin.....	\$2,255 71
Sydney	1,671 09
Building fish-ways.....	264 54
	<u>\$4,191 34</u>

New Brunswick.

Miramichi.....	\$1,346 85
St. John River	1,208 03
Hatching fry for St. Croix River.....	91 26
	<u>\$2,646 14</u>

Prince Edward Island.

Dunk River.....	727 32
Building fish-ways.....	80 00
	<u>\$807 32</u>
	<u><u>\$25,776 87</u></u>

RECEIPTS.

The collections made during the fiscal year are arranged under the following heads:—

Ontario.

Rents, license fees and fines..... \$9,980 28

New Brunswick.

Rents, taxes on nets, and fines..... 4,612 12

Quebec.

Rents, license fees, and fines..... 3,869 47

Nova Scotia.

Fishery licenses and fines..... 2,005 29

British Columbia.

Salmon fishery licenses.....\$735

Oyster fishery privileges..... 50

Fines..... 5

790 00

Prince Edward Island.

License fees..... 80 00

\$21,337 16

 LICENSES ISSUED.

The number of Fishery Licenses issued during the season of 1883, is as follows:—

Ontario.

Gill-net licenses	376	
Hoop-net do	72	
Pound-net do	103	
Seine do	227	
Angling permits.....	613	
Spearing licenses.....	175	
Dip-nets and night-lines.....	32	
	<u> </u>	1,598

Quebec.

Salmon-net fishing licenses.....	414	
Brush-weir do	49	
Eel-weirs do	6	
Seine do	172	
Gill-net do	148	
Dip-net and night-line licenses.....	90	
Pound-net licenses.....	2	
	<u> </u>	881

New Brunswick.

Salmon-net fishing licenses.....	540	
Herring-weir do	218	
Bass do	248	
Smelt do	848	
Sturgeon do	47	
Trap-net do	2	
	<u> </u>	1,903

Nova Scotia.

Trap-net licenses.....	63	
Weir do	2	
	<u> </u>	65

British Columbia.

Salmon-net fishing licenses.....	44	
Oyster fishery leases.....	2	
	<u> </u>	46

Prince Edward Island.

Trap-net licenses.....		2
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Total	<u> </u>	<u>4,495</u>
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FISH-BREEDING.

COLLECTIONS OF FISH EGGS AND DISTRIBUTION OF YOUNG FISH.

The following table shows the numbers and kinds of vivified eggs laid down in the several fish hatcheries in the Dominion, during the fall of 1883:—

Name of Hatchery.	Kinds of Fish Eggs.			
	Salmon.	Salmon Trout.	Whitefish.	Speckled Trout.
Newcastle	84,000	5,500,000		100,000
Sandwich.....			35,000,000	
Magog.....		1,400,000		
Tadoussac.....	1,050,000			
Gaspé.....	950,000			
Restigouche	1,400,000			
Miramichi.....	850,000			
St. John River.....	584,000	†		
Bedford Basin	1,500,000			
Sydney, C. B.....	1,050,000			
Dunk River.....	1,120,000			
Totals.....	8,588,000	6,900,000	35,000,000	100,000

† Part of these eggs sent from Tadoussac and Restigouche hatcheries.

Recapitulation.

Salmon eggs	8,588,000
Salmon trout eggs	6,900,000
Whitefish eggs	35,000,000
Speckled trout eggs.....	100,000
Total	<u>50,588,000</u>

The whole number of young fish distributed from the same establishments during the spring of 1883, was as follows:—

Name of Hatchery.	Kinds of Fish.				
	Salmon.	Salmon Trout.	Whitefish.	Speckled Trout.	Pickereel.
Ontario—					
Newcastle	150,000	3,650,000	2,150,000	103,000	37,000,000
Sandwich			35,000,000		
Quebec—					
Magog		250,000			
Tadoussac	995,000				
Gaspé	520,000				
New Brunswick—					
Ristigouche	380,000				
Miramichi	925,000				
St. John River	72,600				
Nova Scotia—					
Bedford Basin	800,000				
Sydney, C.B.	659,000				
Dunk River, P. E. I.	1,210,000				
Totals	5,631,600	3,900,000	37,150,000	103,000	37,000,000

Recapitulation.

Salmon	-	-	-	-	-	5,631,600
Salmon-Trout	-	-	-	-	-	3,900,000
Whitefish	-	-	-	-	-	37,150,000
Speckled Trout	-	-	-	-	-	103,000
Pickereel	-	-	-	-	-	37,000,000
Total	-	-	-	-	-	<u>83,784,600</u>

A site has been selected for a fish hatchery on the Fraser River, British Columbia, and it is expected that the building will be completed and in operation during the present season.

FISHING BOUNTIES.

The Act 45 Vic. cap. 18, authorizes the payment of a sum of \$150,000 as an aid to develop the sea-fisheries, to encourage the building and fitting out of improved fishing craft, as well as to ameliorate the condition of fishermen. This grant is to be expended under regulations of the Governor in Council and in such instalments as may be directed in each year. An Order in Council, adopted on the 14 Dec., 1882, provides that:

1. Canadian fishing vessels of 10 tons and upwards, which have been engaged in the sea-fisheries during a period of three months, shall be entitled to a bounty

of \$2 per ton, up to 80 tons; one-half of said bounty being payable to the owner, and one-half to the crew.

2. Canadian fishing boats which have been engaged in the sea-fisheries during a period of three months and caught not less than 2,500 pounds of sea-fish per man, exclusive of salmon, shad and other sea-fish exempted under the Washington Treaty, shall be entitled to receive a bounty at the rate of \$2.50 per man; one-fifth being payable to the owner or owners of the boat, and four-fifths to be divided equally between the men.

The data on which the rate of payments to boats was fixed, in accordance with the terms of the above Order in Council, could only be approximate. Inasmuch as the fishery statistics available for the purpose were not of such a character as to enable the Department to determine exactly what number of boats and men would, under the terms of the Order in Council, be excluded, or what number would fall short of the requisite catch to entitle them to share in the Bounty, it soon became evident that, the claims would not absorb the appropriation, and that unless the rate be increased, the whole work would have to be done over again. An Order in Council was therefore passed on the 2nd May, 1883, doubling the payments to boats and crews. Payments were then made in accordance with such Order by separate official cheques, in the respective names of owners and men. Each claim is entered in the office registers and a proper record kept for future reference.

So much delay was caused by the dilatoriness of claimants to send in their returns, that it was found necessary to issue a notice notifying them, that all claims to Bounty for 1883 must be filed with the Department not later than the 31st December of that year.

In order to facilitate the labor of officers engaged in the transmission of claims and the distribution of the money, the following circular was distributed among claimants. The principal features of this circular are, that no bounty would in future be paid to boats under 14 feet keel and that, instead of a simple declaration, returns must be sworn to.

The former provision was intended as a set off against claims from boats which cannot reasonably be classed as sea-fishing boats; the second was intended to act as an additional safeguard against fraud.

Circular.

FISHING BOUNTIES.

1883.

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 no less than *2,500 pounds of sea-fish* per man ;
2. No Bounty will be paid to Boats measuring less than 14 feet keel ;
3. Dates and localities of fishing must be stated in the claim, as well as the quantity and kinds of sea-fish caught ;
4. Returns must be *sworn to* as true and correct in all their particulars ;
5. No fisherman can claim more than once in a season. Any person detected claiming more than once in a season, or knowingly making false returns, will be debarred from participation in the Bounty ;
6. *Claims must be filed on or before the 31st December :*
7. 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 Marine and Fisheries ;

VESSELS.

8. 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 ;
9. 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 which certificate being filed with the claim, the Bounty will be paid ;
10. Directions contained in paragraphs 3, 4, 5, 6 and 7, apply to Vessels as well as to Boats.

A. W. McLELLAN,

Minister of Marine and Fisheries

DEPARTMENT OF MARINE AND FISHERIES,

FISHERIES BRANCH,

OTTAWA, 1st September, 1883.

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SCHEDULE of Fishing Bounty Claims received for the Year 1882.

Province.	County.	Number of Claims received.	Number of Claims rejected.
Nova Scotia	Antigonish.....	85	1
	Annapolis.....	234	3
	Cumberland	4	1
	Cape Breton.....	489	6
	Digby	436	4
	Guysboro'	806	16
	Halifax	1,213	18
	Inverness	498	15
	King's	16	2
	Lunenburg	453	6
	Pictou	15	1
	Queen's	229	.....
	Richmond	847	16
	Shelburne	648	20
Victoria.....	524	3	
Yarmouth	233	7	
		6,730	117
New Brunswick.....	Charlotte	613	93
	Gloucester	452	7
	Kent.....	110	14
	Northumberland	3	.....
	Restigouche	1	.....
	St. John.....	74	.....
	Westmoreland	4	1
		1,257	115
Prince Edward Island.....	King's	534	54
	Prince	463	14
	Queen's	172	1
		1,169	69
Quebec.....	Bonaventure	990	9
	Gaspé	1,945	24
	Saguenay	226	12
	Temiscouata	1	.....
		3,162	45

RECAPITULATION.

Nova Scotia	6,730	117
New Brunswick	1,257	115
Prince Edward Island.....	1,169	69
Quebec	3,162	45
Grand Total	12,318	346

STATEMENT of Payments made on account of Fishing Bounty Claims for the Year 1882.

Province.	County.	Amount Paid.	Total.
		\$ cts.	\$ cts.
Nova Scotia	Antigonish.....	840 00	
	Annapolis	2,470 00	
	Cumberland.....	20 00	
	Cape Breton.....	5,461 00	
	Digby	5,554 66	
	Guysboro'.....	10,294 48	
	Halifax	14,717 81	
	Inverness	6,382 00	
	King's	171 00	
	Lunenburg.....	18,273 03	
	Pictou	297 00	
	Queen's.....	3,555 00	
	Richmond.....	11,851 65	
	Shelburne.....	11,626 00	
Victoria.....	5,145 00		
Yarmouth.....	9,440 09		
			106,098 72
New Brunswick.....	Charlotte	7,781 00	
	Gloucester	5,790 00	
	Kent.....	1,733 00	
	Northumberland	45 00	
	Restigouche.....	28 00	
	St. John	1,575 00	
	Westmoreland.....	45 00	
			16,997 00
Prince Edward Island*.....	King's	5,276 00	
	Prince	7,025 00	
	Queen's.....	3,836 00	
			16,137 00
Quebec	Bonaventure	8,945 00	
	Gaspé	19,969 75	
	Saguenay	4,123 00	
	Temiscouata	15 00	
			33,052 75

RECAPITULATION.

Nova Scotia	106,098 72
New Brunswick	16,997 00
Prince Edward Island	16,137 00
Quebec	33,052 75
Grand Total	172,285 47

SCHEDULE of Boats measuring less than 14 feet keel, for the year 1882.

Counties.	Length of Boats.							Total Boats.	Men.	Bounty.
	9 ft.	10 ft.	11 ft.	12 ft.	12½ ft.	13 ft.	13½ ft.			
<i>Nova Scotia.</i>										
Antigonish.....				1		4		5	5	25
Annapolis.....			2	9	6	17	14	48	48	240
Cape Breton.....				9		22	6	37	41	208
Digby.....		2	2	5		18	3	30	46	230
Guysboro'.....			2	5	1	11	1	20	26	130
Halifax.....		1				9	2	12	18	90
Inverness.....				2	1	9	2	14	16	80
Lunenburg.....						3		3	3	15
Richmond.....		2	1	13		13	3	32	36	180
Shelburne.....		3	10	23	4	53	14	167	144	720
Queen's.....				4	3	14	4	25	26	130
Victoria.....			6	32	2	62	4	106	148	740
Yarmouth.....		1		4	9	15	9	42	70	350
Total, Nova Scotia.....	1	8	27	112	21	250	62	481	627	3,135
<i>New Brunswick.</i>										
Charlotte.....		1		2		6	1	10	14	70
Gloucester.....			3	16		10	2	31	49	245
Kent.....						4		4	4	20
Total, New Brunswick.....	1	3	18			20	3	45	67	335
<i>Prince Edward Island.</i>										
King's.....				7	2	4	6	19	30	150
<i>Quebec.</i>										
Bonaventure.....	1	4	6	86	1	63		161	226	1,130
Gaspé.....				21	4	39	3	67	79	395
Total, Quebec.....	1	4	6	107	5	102	3	228	305	1,525

RECAPITULATION.

Nova Scotia.....	1	8	27	112	21	250	62	481	627	3,135
New Brunswick.....		1	3	18		20	3	45	67	335
Prince Edward Island.....				7	2	4	6	19	30	150
Quebec.....	1	4	6	107	5	102	3	228	305	1,525
Grand Total.....	2	13	36	244	28	376	74	773	1,029	5,145

STATEMENT of Fishing Bounties paid to Vessels for the year 1882, under the Statute
45 Vic., Cap. 18.

Province.	County.	No. of Vessels.	Tonnage.	Average Tonnage.	No. of Men.	Amount of Bounty Paid.
						\$ cts.
Nova Scotia.....	Annapolis.....	13	236	18	64	472 00
	Cape Breton.....	9	147	16	37	294 00
	Digby.....	42	718	17	243	1,436 00
	Guysboro'.....	29	1,240	43	224	2,380 73
	Halifax.....	79	1,846	23	449	3,599 50
	Inverness.....	19	475	25	102	950 00
	King's.....	2	23	11	8	46 00
	Lunenburg.....	141	7,589	54	1,475	15,161 03
	Pictou.....	4	101	25	14	202 00
	Queen's.....	22	819	37	204	1,638 00
	Richmond.....	66	1,927	29	486	3,853 15
	Shelburne.....	79	3,647	46	920	7,294 00
	Victoria.....	4	142	35	25	284 00
	Yarmouth.....	79	3,931	49	1,092	7,825 09
		588	22,841	39	5,343	45,435 50
New Brunswick.....	Charlotte.....	59	1,070	18	291	2,140 00
	Gloucester.....	17	211	12	52	422 00
	Kent.....	19	384	20	72	768 00
	Restigouche.....	1	14	14	2	28 00
	St. John.....	24	492	21	114	984 00
		120	2,171	18	531	4,342 00
Prince Edward Island.....	King's.....	5	126	25	26	252 00
	Prince.....	7	158	22	27	316 00
	Queen's.....	3	105	35	21	210 00
		15	389	26	74	778 00
Quebec.....	Gaspé.....	25	1,035	41	275	2,070 00
	Saguenay.....	38	1,175	32	263	2,350 00
		63	2,210	35	538	4,420 00

RECAPITULATION.

Nova Scotia.....	588	22,841	39	5,343	45,435 50
New Brunswick.....	120	2,171	18	531	4,342 00
Prince Edward Island.....	15	389	26	74	778 00
Quebec.....	63	2,210	35	538	4,420 00
Total.....	786	27,611	35	6,486	54,975 50

STATEMENT of Fishing Bounties paid to Boats, for the Year 1882, under the Statute
45 Vic., chap. 18.

Province.	County.	Number of Boats.	Number of Men.	Amount of Bounty Paid.
				\$ cts.
Nova Scotia	Antigonish.....	84	168	840 00
	Annapolis.....	219	400	1,998 00
	Cape Breton.....	474	1,034	5,167 00
	Cumberland.....	3	4	20 00
	Digby.....	390	824	4,118 66
	Guysboro'.....	766	1,582	7,913 75
	Halifax.....	1,120	2,223	11,118 31
	Inverness.....	470	1,086	5,432 00
	King's.....	12	25	125 09
	Lunenburg.....	306	622	3,112 00
	Pictou.....	10	19	95 00
	Queen's.....	207	383	1,917 00
	Richmond.....	767	1,599	7,998 50
	Shelburne.....	549	866	4,332 00
Victoria.....	519	972	4,861 00	
Yarmouth.....	147	323	1,615 00	
		6,043	12,130	60,663 22
New Brunswick.....	Charlotte.....	461	1,128	5,641 00
	Gloucester.....	430	1,073	5,368 00
	Kent.....	77	193	965 00
	Northumberland.....	3	9	45 09
	St. John.....	50	118	591 00
	Westmoreland.....	3	9	45 09
		1,024	2,530	12,655 00
Prince Edward Island.....	King's.....	476	1,004	5,024 09
	Prince.....	443	1,341	6,709 60
	Queen's.....	168	725	3,626 00
		1,087	3,070	15,359 00
Quebec.....	Bonaventure.....	983	1,789	8,945 09
	Gaspé.....	1,911	3,570	17,899 75
	Saguenay.....	176	354	1,773 09
	Temiscouata.....	1	3	15 00
		3,071	5,716	28,632 75

STATEMENT of Fishing Bounties paid to Boats, for the Year 1882, under the Statute
45 Vic., chap. 18.

RECAPITULATION.

Province.	Number of Boats.	Number of Men.	Amount of Bounty Paid.	
			\$	cts.
Nova Scotia	6,043	12,130	60,663	22
New Brunswick.....	1,024	2,530	12,655	00
Prince Edward Island.....	1,087	3,070	15,359	00
Quebec.....	3,071	5,716	28,632	75
Total	11,225	23,446	117,309	97

I have the honor to be, Sir,

Your most obedient servant,

S. P. BAUSET.

DEPARTMENT OF MARINE AND FISHERIES,

FISHERIES BRANCH,

OTTAWA, 31st December, 1883.

STATEMENT No. 1.

EXPENDITURE on account of Fisheries, for the Fiscal Year ended 30th June, 1883.

To whom Paid.	Service.	Amount.	Total.
ONTARIO.		\$ cts.	\$ cts.
SALARIES OF FISHERY OVERSEERS AND GUARDIANS.			
J. W. Kerr.....	For 12 months salary as Fishery Overseer, to 30th June, 1883.....	500 00	
Charles Gilchrist.....	do do	400 00	
Charles Wilkins.....	do do	325 00	
Jos. Redmond.....	do do	300 00	
Ed. Boismier.....	do do	300 00	
James Patton.....	do do	250 00	
George Cochrane.....	do do	250 00	
David McMaster.....	do do	200 00	
Peter McCann.....	do do	250 00	
Peter Kiel.....	do do	200 00	
John Mooney.....	do do	200 00	
L. S. Saunders.....	do do	150 00	
A. D. Sills.....	do do	150 00	
W. E. Foote.....	do do	125 00	
G. E. McDermot.....	do do	100 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 Fraser.....	do do	100 00	
Joseph Wilson.....	do do	100 00	
James Dickson.....	do do	100 00	
John Dauncey.....	do do	100 00	
J. A. Cameron.....	do do	100 00	
Patrick McCarron.....	do do	100 00	
J. R. Graham.....	do do	100 00	
W. P. Croome.....	do do	100 00	
Wm. Boucher.....	do do	100 00	
Wm. Helliwell.....	do do	100 00	
John Grant.....	do do	75 00	
George Jeacle.....	do do	75 00	
John Wallace.....	do do	50 00	
John Cox.....	do do	50 00	
J. G. Wilcox.....	do do	50 00	
Alex. McBride.....	do do	50 00	
John McMichael.....	do do	50 00	
Andrew Hughson.....	do do	50 00	
James Cummins.....	do do	50 00	
Andrew Telfer.....	do do	50 00	
Wellington Hull.....	do do	50 00	
Wm. Hastings.....	do do	50 00	
Timothy McQueen.....	do do	50 00	
O. W. Raymond.....	do do	50 00	
Wm. Pool.....	do do	50 00	
W. H. Johnston.....	do do	50 00	
A. E. Mills.....	do do	50 00	
Carried forward.....		6,000 00	

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	6,000 00	.....
ONTARIO—Continued.			
Ephraim Deacon.....	For 12 months salary as Fishery Overseer, to 30th June, 1883.....	50 00	
J. R. McDonald.....	do do	50 00	
Terrence McGarrity.....	do do	50 00	
J. B. Moody.....	do do	50 00	
Wm. McDermot.....	do do	50 00	
John Murphy.....	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	
James McFadden.....	do do	30 00	
W. D. Pollock.....	do do	30 00	
Olivier Miron.....	do do	30 00	
M. L. Russell.....	do do	25 00	
Thomas McKibbin.....	do do	25 00	
Geo. Douglas.....	do do	25 00	
Arch. Acheson.....	do do	25 00	
Henry Hunt.....	do do	20 00	
Amedée Quenneville.....	do do	20 00	
Donald Cameron.....	do do & arrears	183 32	
W. A. McUrae.....	15 do do	125 00	
David Sharp.....	6 do do to 31st Dec, '82.....	100 00	
Alfred March.....	do do	25 00	
Angus Brady.....	do do	20 00	
Thos. Merritt.....	do do to 30th June, '83..	50 00	
John Smith.....	5 do do	20 80	
Peter Price.....	3 do do	12 50	
Nelson Simmons.....	do do	25 00	
Geo. R. Steele.....	2 do do	16 66	
Nassau Acton.....	do do	16 66	
Coleridge Roper.....	do do	16 66	
J. D. McMillan.....	Salary as Fishery Overseer for July, 1882.....	4 16	
Owen Bowers.....	Wages as Guardian, Port Royal, for season 1882....	93 50	
Newton Flanagan.....	do do Red Rock do	50 00	
John Gordon.....	do do Duffin's Creek do	50 00	
J. W. Kerr.....	Disbursements in connection with Norfolk Division	250 00	
			7,749 26
DISBURSEMENTS OF FISHERY OVERSEERS.			
J. W. Kerr.....	For 12 months disbursements as Fishery Overseer, to 30th June, 1883	699 35	
Chas. Gilchrist.....	do do	456 05	
Jos. Wilson.....	do do	376 70	
Geo. Cochrane.....	do do	328 92	
Chas. Wilkins.....	do do	322 50	
Wm. Boucher.....	do do	308 57	
James Patton.....	do do	284 82	
John Mooney.....	do do	228 00	
G. B. McDermot.....	do do	221 91	
A. C. McKinnon.....	do do	166 43	
Jos. Redmond.....	do do	159 04	
Samuel Frazer.....	do do	156 95	
W. E. Foot.....	do do	146 37	
Donald Cameron.....	do do	127 00	
J. R. Graham.....	do do	125 60	
J. A. Cameron.....	do do	110 80	
	Carried forward.....	4,219 01	7,749 26

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	\$ cts. 4,219 01	\$ cts. 7,749 26
ONTARIO—Continued.			
DISBURSEMENTS OF FISHERY OVERSEERS, ETC.—Con.			
W. P. Crome	For 12 months disbursements as Fishery Overseer, to 30th June, 1883.	106 40	
Timothy McQueen	do do	97 25	
James Dickson.....	do do	96 45	
Geo. Jeacle.....	do do	76 25	
John Grant.....	do do	68 50	
Peter McCann.....	do do	65 60	
Andrew Hughson.....	do do	62 50	
Peter Kiel.....	do do	62 00	
Wm. Hastings.....	do do	54 79	
A. D. Sills	do do	50 25	
Wm. Hicks.....	do do	48 00	
Wm. Helliwell.....	do do	47 13	
L. S. Saunders.....	do do	44 73	
Geo. Douglas.....	do do	42 75	
Geo. S. Miller.....	do do	41 75	
Terence McGarrity.....	do do	41 50	
W. H. Johnston.....	do do	41 00	
Wm. McDermott.....	do do	40 20	
Archibald Acheson.....	do do	36 00	
Angus Brady.....	do do	32 00	
James McFadden.....	do do	29 75	
W. A. McCrae.....	do do	28 75	
E. Boismier.....	do do	25 50	
James Muir.....	do do	24 40	
Thomas Merritt.....	do do	22 50	
John Dauncey.....	do do	12 25	
James Cummins.....	do do	21 60	
W. B. Jelly.....	do do	20 00	
Wm. Pool.....	do do	18 30	
John Murphy.....	do do	16 00	
J. B. Moody.....	do do	15 50	
John Cox.....	do do	34 80	
A. E. Mills.....	do do	11 75	
A. Quenneville.....	do do	11 00	
James Greer.....	do do	10 50	
Henry Hunt.....	do do	9 00	
Olivier Miron.....	do do	7 80	
Ephraim Deacon.....	do do	4 30	
Mugh McFadyen.....	do do	3 95	
G. B. Abrey.....	Salary and disbursements as late Fishery Overseer, Manitoulin Island	50 00	
J. S. Webster.....	Investigation of violation of Fishery Laws, Rideau River	25 00	
S. P. Bauset.....	Disbursements on special duty.....	20 00	
A. Rattée.....	Storage and repairs of boats	10 40	
J. A. Davit.....	Disbursements as Special Constable, Rideau River.	45 63	
	Total.....		5,852 74
			13,602 00

STATEMENT of Expenditure on Account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
QUEBEC.			
SALARIES OF FISHERY OVERSEERS AND GUARDIANS.			
J. A. Verge	For 12 months salary as Fishery Overseer, to 30th June, 1883	500 00	
H. W. Austin.....		do	400 00
F. C. Caron.....	do	200 00	
John Morris.....	do	200 00	
Jos Marion.....	do	200 00	
John Cullen.....	do	200 00	
Cyrille Barbeau.....	do	200 00	
Phillip Vibert.....	do	189 92	
Jos. Radford.....	do	199 92	
J. B. Chevalier.....	do	175 00	
G. L. Duguay.....	do	150 00	
Fra. Duchesne.....	do	150 00	
J. O. Bélanger.....	do	150 00	
Théotime Mignault.....	do	150 00	
W. C. Willis.....	do	150 00	
Gaspard Mathurin.....	do	150 00	
Jules Gauvreau.....	do	100 00	
H. Martin.....	do	100 00	
L. E. Grondin.....	do	100 00	
Alf. Blais.....	do	100 00	
J. J. Letourneau.....	do	100 00	
L. P. Huot.....	do	100 00	
J. Legouvé.....	do	100 00	
W. H. Whitely.....	do	100 00	
A. E. Chevrier.....	do	100 00	
N. A. Beach.....	do	100 00	
P. Latraverse.....	do	100 00	
Wm. McLeod.....	do	100 00	
Jacques Girard.....	do	100 00	
Jos. Lauzon.....	do	100 00	
J. E. McDonald.....	do	100 00	
A. Campbell.....	do	100 00	
Joseph Desaulniers.....	do	75 00	
Thomas Décoteau.....	do	75 00	
Job. Bilodeau.....	do	75 00	
David Bédard.....	do	60 00	
John Phelan.....	do	50 00	
Joseph Boily.....	do	50 00	
P. E. Luke.....	do	50 00	
Wm. Clyde.....	do	50 00	
J. Laberge.....	do	50 00	
Romuald Maltais.....	do	50 00	
Charles Potvin.....	do	50 00	
J. F. Picotin.....	do	50 00	
Ulysse Bhéreur.....	do	56 00	
J. T. Coghlan.....	do	50 00	
Joseph Simard.....	do	40 00	
R. W. Jones.....	do	40 00	
J. I. Lamoureux.....	do	40 00	
Vital Veilleux.....	do	40 00	
James Mohr.....	do	40 00	
George Gagnon.....	do	30 00	
Cyrille Dubé.....	do	30 00	
Henri Côté.....	do	30 00	
Edward Martin.....	do	30 00	
Antoine Filion.....	do	30 00	
Alexander Beaton.....	do	30 00	
Carried forward.....		6,139 84	

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
	Brought forward	\$ cts. 6,139 84	\$ cts.
QUEBEC—Continued.			
SALARIES OF FISHERY OVERSEERS AND GUARDIANS—			
<i>Concluded.</i>			
Robert Joynt	For 12 months salary, to 30th June, 1883.....	30 00	
M. Hurteau.....	do do	25 00	
D. D. Foster.....	do do	25 00	
John Kelly.....	do do	25 00	
Louis Lachapelle	do do	15 00	
Olivier Laféche	6 months salary, to 31st December, 1882...	20 00	
Thomas Evans.....	do do	15 00	
Charles Ascah.....	12 do do	54 16	
S. A. Grant.....	3½ do do	11 17	
P. C. Gobeil.....	6 do do	75 00	
V. Charest	Balance salary, to 24th August, 1882.....	15 79	
P. C. Ducharme	do do 14th September, 1882.....	50 00	
Alexander McBeath.....	Wages as Guardian, Restigouche River, 1882...	102 00	
John Campbell	do do	100 00	
Gedeon Lefurgy	do do	100 00	
M. Archibald	do Kedgewick River, 1882...	35 00	
B. Chambers	do St. John River, 1882...	50 00	
Dorilas Tremblay	do Portneuf River, 1882...	25 00	
Roger Girard	do River à Mars, 1882	52 00	
John Gardine.....	do Lake Memphremagog, '82	50 00	
Rutus Gardine.....	do do	50 00	
M. P. Browley.....	do do	52 00	
Frederick Ritchie.	do do	10 00	
William Sheppard	do do	20 00	
J. F. Tuck.....	do do	45 00	
M. A. Ballard.....	do do	96 00	
N. A. Beach, jun.....	do do	4 00	
G. L. Duguay	do St. John and Mingan Rivers, 1882.....	75 00	
Thos. Décoteau.....	Watching markets at Three Rivers, during the close season.....	36 00	
			7,402 96
DISBURSEMENTS OF FISHERY OVERSEERS.			
Jos. Radford.....	For 12 months disbursements, to 30th June, 1883...	743 82	
Jos. Marion.....	do do	567 35	
Philip Vibert	do do	498 48	
W. C. Willis	do do	256 65	
H. W. Austin	do do	226 02	
Jos. Desaulniers	do do	200 00	
P. E. Luke	do do	174 30	
John Cullen.....	do do	173 48	
Théotime Mignault	do do	160 07	
John Morris	do do	146 95	
J. A. Verge	do do	118 57	
Gaspard Mathurin	do do	112 15	
Jean Legouve.....	do do	103 00	
Wm. McLeod	do do	96 00	
Jos. I. Lamoureux	do do	88 00	
John Kelly	do do	87 75	
F. C. Caron.....	do do	84 45	
G. L. Duguay.....	do do	84 00	
J. O. Belanger	do do	81 60	
H. Martin	do do	80 31	
Robert Joynt	do do	74 00	
	Carried forward.....	4,166 95	7,402 96

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
	Brought forward	\$ cts. 4,156 95	\$ cts. 7,402 96
QUEBEC—Concluded.			
DISBURSEMENTS OF FISHERY OVERSEERS—Concluded.			
P. C. Ducharme	For 12 months disbursements, to 31st Dec., '80....	75 00	
R. W. Jones	do to 30th June, '83...	70 50	
J. F. Picotin	do do	68 23	
Chas. Potvin	do do	62 33	
Ulysse Bhereur	do do	60 50	
Frs. Duchesne	do do	107 80	
Romuald Maltais	do do	57 00	
Jos. Lauzon	do do	51 49	
Job Bilodeau	do do	51 75	
J. J. Letourneau	do do	51 65	
P. C. Gobeil	do do	50 00	
Thos. Decoteau	do do	51 50	
Joachim Laberge	do do	43 55	
John Phelan	do do	29 50	
Wm. Clyde	do do	23 55	
P. Latraverse	do do	16 52	
Jules Gauvreau	do do	46 03	
J. B. McDonald	do do	23 50	
A. E. Chevrier	do do	55 40	
J. D. McMillan	do do	30 25	
O. Laféche	do do	41 00	
Jos. Simard	do do	18 00	
N. A. Beach	do do	29 00	
Chas. Ascah	do do	4 00	
David Bédard	do do	43 00	
L. P. Huot	do do	15 36	
Jacques Girard	do do	6 60	
J. B. Chevalier	do do	31 71	
James Mohr	do do	4 27	
Cyrille Dubé	do do	48 00	
Alex. Beaton	do do	45 75	
Thomas Evans	do to 30th June, 1883...	14 75	
M. Hurteau	do do	40 10	
5,524 64			
MISCELLANEOUS.			
W. F. Whitcer	Disbursements as Commissioner of Fisheries.....	69 35	
Jos. Boily	Paid for rent	10 00	
William Wakeham	Expenses at St. Ann and River Ouelle	22 35	
L. J. Almon	Improvements on Cascapedia River.....	100 00	
O. Carboneau	Boat	18 00	
A. Campbell	Rent on fishing rights, Campbell's Bay, 1882.....	25 00	
James Lamb	do do	15 00	
F. Johnson	do do	10 00	
B. Hodgins	do do	10 00	
J. McLachlan	do do	20 00	
D. Bédard	Fish Bay, 1882	5 00	
Jos. Bédard	do	5 00	
John McDermid	do	5 00	
Michael Summers	do	5 00	
Malcolm McLachlan	do	5 00	
P. & T. McNamara	do	5 00	
M. Gleeson	do	10 00	
Léon Carpentier	do	20 00	
359 70			
13,287 30			

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
NOVA SCOTIA.			
SALARIES OF FISHERY OVERSEERS AND WARDENS.			
<i>County of Annapolis.</i>			
W. T. Carty.....	For 12 months salary, to 30th June, 1883.....	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	
William Baily	do do	25 00	
Michael Riordan.....	do do	25 00	
Albert Barbeau	do do	25 00	
T. R. Illsley.....	do do	25 00	
			320 00
<i>County of Antigonish.</i>			
John McDonald.....	For 12 months salary to 30th June, 1883.....	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	
Archibald 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, 1883.....	120 00	
Alexander McDonald.....	do do	120 00	
York Barrington.....	do do	120 00	
Donald McDonald.....	do do	45 00	
J. 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 McCormick.....	do do	25 00	
Wm. Burke	do do	25 00	
Allan McAdam.....	do do	25 00	
D. J. McNeil.....	do do	25 00	
Alexander McLean.....	do do	20 00	
Archibald McDonald.....	do do	20 00	
			670 00
<i>County of Colchester.</i>			
J. W. Davison.....	For 12 months salary, to 30th June, 1883.....	100 00	
Henry Blair.....	do do	62 50	
R. J. Pollock.....	do do	75 00	
Henderson Gass.....	do do	50 00	
Daniel McKay.....	do do	40 00	
			327 50
	Carried forward		1,430 00

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	327 50	1,430 00
NOVA SCOTIA—Continued.			
SALARIES, ETC.—Continued.			
<i>County of Colchester—Continued.</i>			
Geo. Fulton.....	For 12 months salary, to 30th June, 1883.....	25 00	
Geo. 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 Johnston.....	do do.....	25 00	
R. R. Fulton.....	do do.....	25 00	
Henry Urquhart.....	do do.....	25 00	
Samuel Frame.....	do do.....	25 00	
Edward Rutherford.....	11 do do.....	22 92	
H. M. Fulton.....	11 do do.....	27 50	
			601 92
<i>County of Cumberland.</i>			
G. W. Gilroy.....	For 12 months salary, to 30th June, 1883.....	100 00	
Elijah Fowler.....	do do.....	30 00	
Wm. Murphy.....	do do.....	30 00	
Oliver Fillmore.....	do do.....	25 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	
James King.....	9 months and 24 days do.....	81 67	
			466 67
<i>County of Digby.</i>			
Wm. Hanley.....	For 12 months salary, to 30th June, 1883.....	120 00	
A. L. Gavil.....	do do.....	25 00	
Lochlin McKay.....	do do.....	25 00	
Robert Journey.....	do do.....	25 00	
			195 00
<i>County of Guysborough.</i>			
J. A. Tory.....	For 12 months salary, to 30th June, 1883.....	150 00	
Allan McQuarrie.....	do do.....	100 00	
D. A. McDonald.....	do do.....	40 00	
Donald Gunn.....	do do.....	30 00	
William Pride.....	do do.....	30 00	
Adam Kirk.....	do do.....	30 00	
Thomas McKeen.....	do do.....	30 00	
James Cook.....	do do.....	25 00	
William McDonald.....	do do.....	25 00	
J. L. Smith.....	do do.....	25 00	
Angus Cameron.....	do do.....	25 00	
John McEllum.....	do do.....	25 00	
John Jones.....	do do.....	25 00	
Jas. Henderson.....	do do.....	25 00	
	Carried forward.....	685 00	2,994 59

STATEMENT of Expenditure on Account of Fisheries, etc.--Continued.

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	585 00	2,694 59
NOVA SCOTIA.—Continued.			
SALARIES, ETC.—Continued.			
<i>County of Guysborough—Continued.</i>			
Samuel Hudson.....	For 12 months salary to 30th June, 1883.....	25 00	
J. J. Sangster.....	do do	25 00	
James Harrigan.....	do do	25 00	
D. McC. Sinclair.....	do do	20 00	
Duncan Cameron, jun.	do do	20 00	
Charles Kenny.....	do do	15 00	
Robert McKay.....	do do	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, 1883.....	150 00	
Nathaniel Masson.....	do do	75 00	
Archibald Kidston.....	do do	40 00	
William Hall.....	do do	40 00	
H. A. Shatford.....	do do	40 00	
F. G. Tolson.....	do do	40 00	
James Blakely.....	do do	30 00	
Donald McCleam.....	do do	30 00	
James Gardner.....	do do	30 00	
George Parker.....	do do	30 00	
George Keizer.....	do do	30 00	
John Frazer.....	do do	30 00	
George McLeod.....	do do	30 00	
James Crooks.....	do do	25 00	
Patrick Hughes.....	do do	25 00	
Daniel Mosher.....	do do	20 00	
D. G. Walker.....	do do	20 00	
James E. Whitman.....	9 do do	22 50	
William Anderson.....	9 do do	112 50	
William Burris.....	7 do do	17 50	
John Taylor.....	5 do do	12 50	
Isaac Gaetz.....	3 do do	37 50	
Henry Balcam.....	3 do do	7 50	
			895 00
<i>County of Hants.</i>			
P. S. Burnham.....	For 12 months salary, to 30th June, 1883.....	100 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
<i>County of Inverness.</i>			
David Ross.....	For 12 months salary, to 30th June, 1883.....	100 00	
D. F. McLean.....	do do	100 00	
	Carried forward.....	200 00	4,714 59

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	200 00	4,714 59
NOVA SCOTIA—Continued.			
SALARIES, ETC.—Continued.			
<i>County of Inverness—Continued.</i>			
James Coady.....	For 12 months salary to 30th June, 1883.....	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	
Miles McDaniel.....	do do.....	25 00	
Peter Benvie.....	do do.....	25 00	
M. B. McDonald.....	do do.....	25 00	
Moses Murphy.....	do do.....	25 00	
D. McDermot.....	do do.....	25 00	
Wm. Hart, jun.....	do do.....	25 00	
Allan McLennan.....	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	
Peter McEachern.....	11 do do.....	91 67	811 67
<i>County of Kings.</i>			
J. E. Starr.....	For 12 months salary, to 30th June, 1883.....	250 00	
R. F. Reid.....	do do.....	125 00	
W. McIntyre.....	do do.....	50 00	
O. E. Bishop.....	do do.....	30 00	
James Angus.....	do do.....	30 00	485 00
<i>County of Lunenburg.</i>			
Geo. Redden.....	For 12 months salary, to 30th June, 1883.....	100 00	
H. S. Jost.....	do do.....	100 00	
C. E. Godard.....	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. Nesbitt.....	do do.....	25 00	
Edward Boylan.....	do do.....	25 00	
Wm. Croft.....	do do.....	25 00	
David Demon.....	do do.....	25 00	
Benj. Rothenheiser.....	do do.....	25 00	
Eli Hebb.....	do do.....	25 00	
Isaiah Besancon.....	do do.....	25 00	
J. H. Keddy.....	do do.....	25 00	
Edward Hayes.....	do do.....	25 00	600 00
Carried forward.....			6,611 26

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
	Brought forward		6,811 26
	NOVA SCOTIA—Continued.	\$ cts.	\$ cts.
	SALARIES, ETC.—Continued.		
	<i>County of Pictou.</i>		
D. G. McDonald	For 12 months salary, to 30th June, 1883.....	170 00	
A. C. Pritchard.....	do do	150 00	
Robert Sutherland	do do	140 00	
Donald McLean.....	do do	30 00	
Geo. McKenzie.....	do do	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	
Donald McDonald.....	do do	25 00	
Thos. Frazer	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	
			860 00
	<i>County of Queens.</i>		
S. T. N. Sellon.....	For 12 months salary, to 30th June, 1883.....	225 00	
Henry Hooker.....	do do	70 00	
John Fitzgerald.....	do do	70 00	
T. Ford	do do	60 00	
Barnabas Miles	do do	30 00	
			455 00
	<i>County of Richmond.</i>		
Duncan Cameron	For 12 months salary, to 30th June, 1883.....	125 00	
Francis Marneau	do do	125 00	
P. W. Grouchy.....	do do	30 00	
A. Sampson.....	do do	30 00	
Justinien Sampson	do do	30 00	
J. 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	
J. Proctor, sen	do do	20 00	
Chas. Grant.....	do do	20 00	
			545 00
	<i>County of Shelburne.</i>		
W. J. McGill	For 12 months salary, to 30th June, 1883.....	125 00	
C. A. Holden	do do	50 00	
Geo. Ryer.....	do do	50 00	
Timothy Acker.....	do do	30 00	
	Carried forward.....	255 00	8,471 26

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
		\$ cts	\$ cts.
	Brought forward		8,471 26
NOVA SCOTIA—Continued.			
SALARIES, ETC.—Continued.			
<i>County of Shelburne—Continued.</i>			
M. Greenwood	For 12 months salary, to 30th June, 1883.....	20 00	
P. Crowell	do do	20 00	
Henry Ackerman	do do	20 00	
F. G. Nichol.....	do do	20 00	
			335 00
<i>County of Victoria.</i>			
J. W. Burke	For 12 months salary, to 30th June, 1883.....	120 00	
Donald McRae, jun.	do do	120 00	
Angus McDonald	do do	30 00	
Roderick Beaton.....	do do	30 00	
Wm. Foyle	do do	30 00	
John McCharles	do do	30 00	
Donald Bochaman	do do	30 00	
Malcolm McIvor	do do	30 00	
Jos. Quinn	do do	30 00	
Geo. Burton	do do	30 00	
Jos. Hellen	do do	30 00	
Kenneth McRae.....	do do	25 00	
J. McLellan	do do	25 00	
Donald McQuarrie	do do	25 00	
Donald McMillan	do do	25 00	
Donald McAulay	do do	25 00	
Donald McRae	do do	25 00	
Francis McGregor	do do	25 00	
John McRae	do do	25 00	
John McDonald	do do	25 00	
			740 00
<i>County of Yarmouth.</i>			
Enos Gardner	For 12 months salary, to 30th June, 1883.....	150 00	
J. A. Hatfield.....	do do	50 00	
Jerome Doucette.....	do do	30 00	
W. Kavanagh	do do	25 00	
Hustace 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.....	do do	25 00	
J. I. Brand	do do	25 00	
			405 00
D. Cummings	Wages as Special Fishery Guardian, employed on River Philip, Pictou Co., during spawning season	51 25	
Thos. W. Smith	do do	62 50	
Jos. Lowther	do do	40 50	
J. Hannington	do do	31 50	
H. S. Thompson	do do	67 50	
R. Thompson	do do	31 50	
James Hunter.....	do do	67 50	
			352 25
	Carried forward		10,303 51

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
		\$ cts	\$ cts.
	Brought forward.....		10,303 51
NOVA SCOTIA—Continued.			
DISBURSEMENTS OF FISHERY OVERSEERS.			
Wm. Hanley.....	For 12 months disbursements, to 31st Dec., 1882.....	202 50	
Enos Gardner.....	do do.....	190 00	
Geo. Redden.....	do do.....	175 50	
S. T. N. Sellon.....	do do.....	134 06	
A. C. Pritchard.....	do do.....	108 33	
John McDonald.....	do do.....	100 05	
Wm. Anderson.....	do do.....	99 00	
W. T. Carty.....	do do.....	96 50	
W. J. McGill.....	do do.....	95 77	
D. F. McLean.....	do do.....	81 00	
John Fitzgerald.....	do do.....	70 65	
J. W. Burke.....	do do.....	70 00	
David Ross.....	do do.....	69 00	
Allan McQuarrie.....	do do.....	68 85	
Jas. Coady.....	do do.....	64 59	
J. A. Tory.....	do do.....	64 37	
John Fitzgerald.....	do do.....	59 33	
H. S. Jost.....	do do.....	56 00	
Alexander McDonald.....	do do.....	53 00	
T. E. O'Brien.....	do do.....	51 00	
C. E. Godard.....	do do.....	48 50	
D. F. McKae, jun.....	do do.....	47 35	
J. E. Starr.....	do do.....	46 50	
Francis Quinan.....	do do.....	45 00	
R. F. Reid.....	do do.....	43 80	
P. S. Burnham.....	do do.....	40 00	
Y. A. Barrington.....	do do.....	39 00	
F. Marmeau.....	do do.....	33 50	
James King.....	do do.....	32 75	
Henry Blair.....	do do.....	31 00	
J. W. Davison.....	do do.....	30 75	
D. G. McDonald.....	do do.....	26 50	
Duncan Cameron.....	do do.....	20 00	
R. J. Pollock.....	do do.....	8 50	
J. B. Colter.....	do do.....	5 73	
Henderson Gass.....	do do.....	4 00	
W. H. Rogers.....	12 months salary as Inspector of Fisheries, to 30th June, 1883 \$1,372 00		2,413 38
Receiver-General..	do superannuation tax..... 28 00		
W. H. Rogers.....	do disbursements as Inspector of Fisheries, to 30th June, 1883.....		1,400 00
F. H. D. Veith.....	4½ do salary inspecting inland fisheries Nova Scotia.....		1,400 00
do.....	Disbursements do do.....		346 25
			385 00
	Total.....		\$16,247 14

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
NEW BRUNSWICK.		\$ cts.	\$ cts.
SALARIES OF FISHERY OVERSEERS AND WARDENS.			
<i>County of Albert.</i>			
Wallace Taylor.....	For 12 months salary, to 30th June, 1883.....	40 00	
J. E. Kinne.....	do do	40 00	
Bartlett Oliver.....	do do	40 00	
G. McLatchey.....	do do	40 00	
Winthrop Akerley.....	9 do do	75 00	
Jacob Beck.....	6 do do	15 00	
Sutherland Stewart.....	3 do do	25 00	
			275 00
<i>County of Carleton..</i>			
W. B. Mills.....	For 6 months salary, to 30th June, 1883.....	75 00	
Geo. R. Burt.....	do do	50 00	
J. W. Scott.....	do do	15 00	
			140 00
<i>County of Charlotte.</i>			
W. B. McLaughlin.....	For 12 months salary, to 30th June, 1883.....	240 00	
Frank Todd.....	do do	120 00	
James Brown.....	do do	100 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. Dickson.....	do do	30 00	
Andrew Gilmour.....	do do	30 00	
Edward Carroll.....	do do	30 00	
Thomas Holmes.....	do do	30 00	
			850 00
<i>County of Gloucester.</i>			
James Hickson.....	For 12 months salary, to 30th June, 1883.....	250 00	
Juste Haché.....	do do	100 00	
Augustin Cormier.....	do do	50 00	
Jos. Poirier.....	do do	50 00	
Fred. Comeau.....	do do	40 00	
Miles Dempsey.....	do do	30 00	
Timothy Coughlan.....	do do	30 00	
Adolphe Haché.....	do do	30 00	
Wm. Rogers.....	do do	25 00	
John Calnan, jun.....	do do	25 00	
Alexis Landry, jun.....	6 do to 31st Dec., 1882.....	25 00	
Justinien Savoy.....	6 do do	15 00	
J. L. Veno.....	6 do do	15 00	
Jeremiah Muzzeroll.....	6 do to 30th June, 1883.....	15 00	
Jos. Sewell.....	4 do do	18 66	
James Walsh.....	do do	10 00	
			726 66
<i>County of Kent.</i>			
Chas. Cormier.....	For 12 months salary, to 30th June, 1883.....	100 00	
M. A. Girouard.....	do do	75 00	
			175 00
Carried forward.....		175 00	1,991 66

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	\$ cts. 175 00	\$ cts. 1,991 66
NEW BRUNSWICK—Continued.			
SALARIES, ETC.—Continued.			
<i>County of Kent—Continued.</i>			
Lazare Guimon.....	For 12 months salary, to 30th June, 1883.....	75 00	
Nicholas Muzzeroll.....	do do	50 00	
F. B. Légère.....	do do	30 00	
James Harnett.....	do do	30 00	
A. L. Collet.....	do do	30 00	
J. McD. Sutherland.....	9 do to 31st March, 1883.....	56 25	
W. F. Hannah.....	3 do to 30th June, 1883.....	18 75	
			465 00
<i>County of Kings.</i>			
Samuel Gosline.....	For 12 months salary to 30th June, 1883.....	100 00	
J. A. Belyea.....	do do	50 00	
F. W. Hatfield.....	do do	50 00	
S. F. Ryan.....	do do	30 00	
S. Gamblain.....	do do	30 00	
Jonah Keith.....	do do	30 00	
			390 00
<i>County of Northumberland.</i>			
John Hogan.....	For 12 months salary, to 30th June, 1883.....	400 00	
William Wyse.....	do do	200 00	
Christopher Parker.....	do do	160 00	
Samuel Holt.....	do do	160 00	
Prudent Robichaux.....	do do	100 00	
Kenneth Cameron.....	do do	100 00	
James Russell.....	do do	150 00	
Samuel Freeze.....	do do	100 00	
John Blake.....	do do	70 00	
Enoch A. Bamford.....	do do	50 00	
John Stymast.....	do do	50 00	
Jared Blackmore.....	do do	50 00	
Samuel Kingston.....	do do	50 00	
Geo. Hubbard.....	do do	50 00	
John Shaddick.....	do do	50 00	
Aaron Hovey.....	do do	30 00	
Geo. Bryanton.....	do do	30 00	
Patrick Bergin.....	do do	30 00	
Thomas 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	
J. W. Underhill.....	do do	30 00	
Michael Ryan.....	do do	30 00	
Maurice Hayes.....	do do	30 00	
	Carried forward.....	2,250 00	2,746 66

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	\$ cts 2,250 00	\$ cts.. 2,746 66
NEW BRUNSWICK—Continued.			
SALARIES, ETC.—Continued.			
<i>County of Northumberland—Continued.</i>			
John Williston.....	For 4 months and 14 days salary, to 14th Nov., '82.	37 50	
John G. Williston.....	7 do 16 do 30th June, '83.	62 50	
Thos. Taylor.....	1 month, salary for July, 1882.....	4 16	
			2,354 16
<i>County of Queens.</i>			
Isaac T. Hetherington....	For 12 months salary, to 30th June, 1883.....	100 00	
Isiah Langan.....	do do	30 00	
John Sécord.....	do do	30 00	
Robert Philips.....	do do	25 00	
			185 00
<i>County of Restigouche.</i>			
Alexander McPherson.....	For 12 months salary, to 30th June, 1883	100 00	
			100 00
<i>County of Sunbury.</i>			
G. W. Hoben.....	For 12 months salary, to 30th June, 1883.....	100 00	
W. E. Taylor.....	do do	30 00	
			130 00
<i>County of St. John.</i>			
Jos. O'Brien.....	For 12 months salary, to 30th June, 1883.....	150 00	
W. E. Skillen.....	do do	100 00	
			250 00
<i>County of Victoria.</i>			
Chas. Roberts.....	For 12 months salary, to 30th June, 1883.....	30 00	
John McDougall.....	do do	30 00	
J. C. McCluskey.....	do do	30 00	
Donald Frazer.....	do do	30 00	
Thos. Edgar.....	do do	30 00	
J. McN. Cameron.....	do do	30 00	
Charles McCluskey.....	6 months salary, to 31st December, 1883.....	50 00	
			230 00
<i>County of Westmoreland.</i>			
W. B. Deacon.....	For 12 months salary, to 30th June, 1883.....	100 00	
Robert Goodwin.....	do do	100 00	
D. T. Cormier.....	do do	60 00	
			260 00
<i>County of York.</i>			
Robt. Orr.....	For 12 months salary, to 30th June, 1883.....	150 00	
J. Campbell.....	do do	60 00	
Wm. Brown.....	do do	60 00	
Alexander Moir.....	do do	30 00	
			300 00
	Carried forward ..	300 00	6,255 82

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom paid.	Service.	Amount.	Total.
	Brought forward ¹	\$ cts. 300 00	\$ cts. 6,255 82
NEW BRUNSWICK—Continued.			
SALARIES, ETC.—Continued.			
<i>County of York—Continued.</i>			
A. Cunningham.....	For 9 months salary, to 30th June, 1883.....	37 50	337 50
Wm. Dalton.....	For wages as Special Fishery Guardian, Miramichi Bay.....	150 00	6,593 32
James Barry.....	do do.....	83 00	232 00
6,825 32			
DISBURSEMENTS OF FISHERY OVERSEERS.			
Robert Orr.....	For 12 months disbursements, to 31st Dec, '82.....	336 50	
W. B. Mills.....	do do.....	211 45	
W. B. Deacon.....	do do.....	196 00	
James Hickson.....	do do.....	181 50	
Wm. Wyse.....	do do.....	180 10	
Samuel Gosline.....	do do.....	120 72	
Adolphe Aché.....	do do.....	116 82	
John Hogan.....	do do.....	107 92	
J. A. Belyea.....	do do.....	105 00	
John Blake.....	do do.....	104 75	
John Stymeist.....	do do.....	83 80	
Isaac T. Hetherington.....	do do.....	103 14	
Charles Cormier.....	do do.....	80 00	
G. W. Hoben.....	do do.....	95 45	
B. L. Cunningham.....	do do.....	93 25	
James Russell.....	do do.....	79 40	
M. A. Girouard.....	do do.....	72 85	
D. T. Cormier.....	do do.....	67 25	
Jos. O'Brien.....	do do.....	67 00	
Prudent Robichaux.....	do do.....	59 00	
Frank Todd.....	do do.....	58 50	
Robt. Goodwin.....	do do.....	57 50	
Chas. McCluskey.....	do do.....	54 10	
W. E. Skillen.....	do do.....	53 50	
J. McD. Sutherland.....	do do.....	52 45	
J. M. Lord.....	do do.....	50 00	
W. B. McLaughlin.....	do do.....	50 00	
James Harnett.....	do do.....	49 60	
Samuel Holt.....	do do.....	49 00	
Jos. Poirier.....	do do.....	44 00	
Alex. McPherson.....	do do.....	43 40	
Wm. Brown.....	do do.....	35 50	
Winthrop Ackerley.....	do do.....	35 25	
James Brown.....	do do.....	24 25	
Robt. Philips.....	do do.....	33 00	
Geo. R. Burt.....	do do.....	31 50	
John Williston.....	do do.....	31 00	
Justinian Savoy.....	do do.....	28 00	
Tubal Watling.....	do do.....	26 50	
Samuel Freeze.....	do do.....	24 00	
Thos. Taylor.....	do do.....	23 60	
Chris. Parker.....	do do.....	22 00	
Carried forward.....		3,348 55	6,825 32

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward	3,348 55	6,825 32
	NEW BRUNSWICK—Continued.		
	DISBURSEMENTS OF FISHERY OVERSEERS—Continued.		
Findlay McDairmaid	For 12 months disbursements, to 31st Dec., '82.....	19 50	
Leonard Best	do do	19 00	
Kenneth Cameron	do do	13 37	
Juste Haché.....	do do	9 20	
Angus McIntosh.....	do do	9 00	
Jas. Fitzgerald.....	do do	8 20	
E. A. Bamford.....	do do	8 30	
Alexis Landry.....	do do	5 00	
			3,410 12
W. H. Venning	For 12 months salary as Inspector of Fisheries, to 30th June, 1883.....	1,371 96	
C. R. Venning	Salary as Clerk, to 30th June, 1883	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 disbursements, travelling expenses &c. as Inspector of Fisheries, to 30th June, 1883.....	728 97	
Amos Perley	In full of claims for salary and disbursements as late Fishery Overseer	100 00	
J. Savoy	do do	43 00	
T. B. Hannington	Postage stamps	54 05	
J. & A. McMillan	Stationery	14 75	
Barnes & Co.	do	8 25	
A. Christie & Co.	Office repairs, &c.....	11 88	
A. O. Smith	Water rates	12 16	
G. W. Day	Printing	5 00	
Jane Miller	Washing towels	4 00	
D. McAlpine	Directory	2 50	
			2,784 56
			13,050 00
	Refund from salaries.....		43 00
	Total.....		13,097 00
	PRINCE EDWARD ISLAND.		
	SALARIES OF FISHERY INSPECTOR, OVERSEER AND WARDENS.		
J. H. Dwyer	For 12 months salary as Inspector of Fisheries.....	783 96	
Henry Clark.....	do Fishery Overseer.....	197 50	
Receiver-General	Superannuation tax on above salaries.....	18 54	
			1,000 00
	<i>County of Kings.</i>		
Allan McDonald.....	For 12 months salary as Fishery Warden, to 30th June, 1883...	30 00	
Malcolm Mathieson	do do	30 00	
John McDonald.....	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	
	Carried forward	210 00	1,000 00

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward	210 00	1,000 00
PRINCE EDWARD ISLAND—Continued.			
SALARIES, ETC.—Continued.			
County of Kings—Continued.			
Patrick McCullough	For 12 months salary as Fishery Warden, to 30th June, 1883...	30 00	
J. H. Dingwell.....	do do	30 00	
James Burke.....	do do	30 00	
James Mitchell.....	do do	30 00	
Robert Quinn	do do	30 00	
John Fisher	6 do 31st Dec., 1882...	15 00	
John Conaghan.....	do 30th June, 1883...	15 00	390 00
County of Queens.			
Micheal Ready.....	For 12 months salary as Fishery Warden, to 30th June, 1883...	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	
William Whitehead.....	do do	30 00	
Thomas Murphy	do do	30 00	
B. Loughrin	do do	30 00	
P. Taylor	do do	30 00	
George Stephenson.....	do do	30 00	
S. Van Iderstine.....	do do	30 00	
T. W. Beers	do do	30 00	
James Howat	do do	30 00	450 00
County of Prince.			
James Ramsay	For 12 months salary as Fishery Warden, to 30th June, 1883	20 00	
Patrick McBride	do do	30 00	
Wm. 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.....	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. M. Nelligan.....	do do	30 00	
V. S. Gillis.....	do do	30 00	
John Rix.....	do do	30 00	
J. H. Duvar	For 12 months disbursement as Inspector of Fisheries, to 30th June, 1883.....	247 14	
do	Expenses investigating assault upon Warden Lionel Garnum.....	150 00	
	Carried forward.....	397 14	2,290 00

STATEMENT of Expenditure on account of Fisheries, etc—Continued

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	\$ cts. 597 14	\$ cts. 2,290 00
PRINCE EDWARD ISLAND—Concluded.			
J. Conohan	For services as Special Fishery Guardian.....	42 50	
Allan McDonald.....	do do	30 00	
J. H. Dingwell.....	do do	12 00	
J. R. McDonald.....	do do	10 00	
			491 64
	Refund.....		2,781 64 65 00
BRITISH COLUMBIA.			
A. C. Anderson	For 12 months salary as Inspector of Fisheries, to 30th June, 1883.....	600 00	
Geo. Pittendreigh.....	For 12 months salary as Fishery Overster, to 30th June, 1883.....	499 92	
A. C. Anderson	Disbursements.....	500 00	
			1,599 92
MANITOBA.			
E. Tupper.....	Report on Fisheries of Manitoba.....		150 00
FISHERIES, LEGAL EXPENSES.			
		\$ cts.	\$ cts.
J. H. Phair.....	Costs and damages <i>in re</i> Venning vs Phair.....	707 50	
Z. A. Lash.....	Counsel fee <i>in re</i> Robertson vs. Queen.....	300 00	
L. R. Harrison.....	Professional services, Spurr vs. Venning.....	196 33	
do	Professional services, Steadman vs. Venning.....	164 45	
do	Professional services, Hanson vs. Venning.....	162 45	
do	Professional services, Phair vs. Venning.....	73 70	
do	Professional services, Delancy vs. McDonald.....	97 50	
J. S. Morse.....	do do	14 50	
J. N. Ritchie.....	Professional services re-estate of H. Blanchard....	5 00	
	Refund.....		1,721 43 40 00
	Total		1,681 43

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid. .	Service.	Amount.	Total.
FISH BREEDING.		\$ cts.	\$ cts.
Samuel Wilmot.....	For 12 months salary as Superintendent of the several Fish Breeding establishments in the Dominion to 30th June, 1883.....	1,960 00	
Receiver-General.....	Superannuation tax on S. Wilmot's salary.....	40 00	2,000 00
NEWCASTLE ESTABLISHMENT, ONTARIO.			
Charles Wilmot.....	For 13 months salary as officer in charge, to 30th June, 1883.....	800 00	
John Walker.....	13 months salary as Caretaker to 30th June, 1883..	585 00	
Wm. Parker.....	4 do do 31st October, 1883.....	200 00	
John Kennefick.....	12 do wages as Assistant, to 30th June, 1883...	306 99	
Charles Wilmot.....	12 do allowance as Clerk to Superintendent...	249 97	
do.....	Disbursements collecting and distributing fry....	879 00	
J. A. McDonell.....	Collecting eggs at Meaford.....	108 40	
W. Trickey.....	do do.....	86 95	
D. McDonald.....	do do.....	10 75	
F. Bayher.....	do do.....	17 50	
John McGinnis.....	do do.....	9 00	
S. Doran.....	do do.....	10 00	
L. Rumley.....	do do.....	15 00	
M. Gibson.....	do do.....	18 25	
R. Webber.....	do do.....	7 00	
D. McGinnis.....	do do.....	10 00	
J. Garrett.....	do do.....	19 50	
E. H. Symes.....	do do.....	17 50	
C. Wilkins.....	Expenses distributing fry.....	50 55	
Samuel Wilmot.....	do.....	167 40	
Warren Trickey.....	Labor in connection with hatchery.....	77 50	
P. Kennefick.....	do do.....	32 24	
F. Stillwell.....	do do.....	19 85	
Wm. Forbes.....	do do.....	5 00	
Pay List.....	Wages of girls picking eggs.....	27 00	
Thos. Douglas.....	Express charges, etc.....	68 60	
Express Co.....	do.....	37 70	
R. Fothergill.....	Telegrams.....	46 85	
Dominion Telegraph Co.....	do.....	30 58	
E. Plunkett.....	do.....	4 52	
A. T. Walbridge.....	Postage stamps.....	37 00	
Allin & Cawker.....	Food for fry.....	8 50	
S. Munson.....	do.....	4 60	
W. C. Tyler.....	Pump-logs.....	12 00	
J. H. Rolfe.....	Painting.....	39 48	
J. H. Reid.....	Cedar for ice-house.....	80 00	
J. R. Barefelt.....	Hardware.....	7 38	
W. Pickard.....	Coal.....	87 58	
Lewis Finch.....	Tin cans.....	28 00	
Thos. Cleland.....	Tin pails and pans.....	14 66	
James Wright.....	Tinware.....	16 28	
G. P. McIntosh.....	Oil clothes.....	5 20	
McCann & Sparling.....	Egg boxes.....	7 00	
Robt. Fothergill.....	Brushes, lanterns, etc.....	15 28	
L. Munson.....	Lamps, glasses, etc.....	4 90	
D. Comstock.....	Lumber.....	50 00	
Carried forward.....		4,334 44	2,000 00

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
	Brought forward	\$ cts. 4,334 44	\$ cts. 2,000 00
FISH BREEDING.—Continued.			
NEWCASTLE ESTABLISHMENT, ONTARIO—Continued.			
Wm. Hooper.....	Building tank	22 56	
R. Numbley	Brick for tank	32 00	
R. T. Manning	Stove	11 10	
Murdoch Bros.....	Water lime.....	17 10	
Lee & Edsill	Tools, etc.	13 45	
John Otten	Teaming	31 50	
Alex. Parker	Cutting ice, etc.....	9 00	
S. Wilmot	Rent of property, to 31st Dec., 1882.....	200 00	
G. M. Clark	do water privilege, to 31st Dec., 1882	100 00	
H. R. Graham	Cotton cloth	3 00	
			4,774 15
SANDWICH ESTABLISHMENT, ONTARIO.			
Wm. Parker	8 months salary as Officer in Charge, to 30th June, 1883.....	600 00	
James Nevin.....	2 months salary as Officer in Charge, to 30th June, 1883	100 00	
Henry Brackell	Wages as Engineer	463 00	
Wm. Hill	do	265 00	
Jos. Cosford.....	do	28 00	
C. Lemonde	do	13 50	
A. Martin	do	3 00	
Wm. Parker	Disbursements collecting eggs and distributing fry	249 79	
Charles McKee	Collecting fish eggs.....	40 00	
Wm. Hill	do	31 42	
W. H. Hackett.....	do	25 00	
Jos. Lazarus	do	22 50	
A. E. Stewart	do	10 00	
Alvis Master.....	do	7 00	
Wm. Kemp	do	3 00	
James McKee	do and board of men	40 00	
H. Jessop	Labor at hatchery	7 50	
Henry Cash	do	12 00	
Alex. Forest	do	5 00	
Jos. Paré	Cordwood.....	336 00	
W. O'Brien	Sawing wood, etc	43 60	
Odette & Wherry.....	Coal	85 00	
Jas. Nevin	Repairs to engine.....	100 00	
J. McGregor & Son	do	170 00	
C. H. Waterous.....	do	27 50	
Neveux Bros.....	Hardware, etc.....	46 05	
Pequenot & Co.....	do	44 38	
Henry Brackell.....	Cartage	4 80	
J. B. Ferland.....	Stovepipes, etc	3 10	
Chas. Ouellette.....	Postages	2 49	
James Adams	Painting, etc.....	19 50	
Felex Jones	Blacksmith's work	64 55	
W. G. Nutson	Lumber	6 10	
G. W. Railway	Freight	1 02	
Andrew Hackett.....	Boat hire.....	20 00	
S. McGee	do	5 50	
J. H. O. Atkinson.....	Freight account	12 00	
Wm. Parker	Expenses of removal from Newcastle.....	50 00	
James McKee.....	Rent of grounds for year ended June 1882.....	20 00	
			2,937 30
	Carried forward		9,761 45

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....		9,761 45
FISH BREEDING.—Continued.			
TADOUSSAC ESTABLISHMENT, QUEBEC.			
Jos. Radford.....	12 months salary as officer in charge, to 30th June,	600 00	
Pierre Plourde.....	18 months salary as caretaker do	448 00	
Simon Goudreau.....	Wages as guardian and boatman.....	116 75	
Jos. Radford.....	Pay list, labor at hatchery.....	41 71	
D. McLaren.....	Labor at hatchery.....	34 70	
W. Manning.....	do	25 57	
F. Boulliane.....	do	24 90	
R. Terrien, jun.....	do	12 80	
Pierre Marquis.....	do	12 25	
R. Terrien, sen.....	do	5 05	
Maurice Quesnil.....	do	4 80	
Geo. Manning.....	do	3 85	
D. Pednault.....	do	3 20	
C. Tremblay.....	do	2 10	
Jos. Radford.....	Pay list, labor at dam.....	5 80	
H. Simard.....	Labor at Petite Isle fishery.....	3 50	
Damase Simard.....	Attending salmon fishery.....	26 00	
W. Hovington.....	do	115 97	
A. Goudreault.....	Boat hire.....	58 80	
Capt. Riverin.....	do	32 00	
F. Boullaine.....	do	20 67	
J. Boullaine.....	do	21 00	
W. J. Ray.....	do	20 61	
A. Hovington.....	do	13 00	
D. E. Price.....	Rent of Point Rouge Fishery.....	327 50	
P. Fortier.....	Guardian, Eternity River.....	16 00	
D. McLaren.....	Expenses distributing salmon fry.....	4 50	
P. Plourde.....	do do	19 35	
L. Gauthier.....	do do	1 00	
C. Dufour.....	do do	1 00	
N. Tremblay.....	do do	2 00	
A. Goudreault.....	do do	30 00	
St. Lawrence Navigation Co.....	Freight, etc.....	36 40	
Steamer "Saguenay".....	do	12 96	
Steamer "St. Lawrence".....	do	3 00	
Jules Tremblay.....	Blacksmiths' work.....	1 20	
N. Boullaine.....	do	3 05	
H. S. Scott.....	Rope, twine, etc.....	33 05	
F. T. Thomas.....	Lamp chimneys.....	1 65	
Wm. Hovington.....	Repairing nets.....	14 00	
Jos. Radford.....	Disbursements.....	5 40	
O. Boullaine.....	Hardware.....	9 04	
F. Bourgoin.....	do	10 56	
Louis Imbault.....	Seining.....	1 00	
O. Lout.....	Board.....	12 60	
W. J. Ray.....	Disbursements.....	72 02	
J. R. Kane.....	Fish tanks.....	22 00	
T. Tester.....	Cartage of fry.....	7 50	
C. Nicholas.....	Specimen for museum.....	1 50	
Postages.....		1 25	
	Carried forward.....		2,302 56
			12,064 01

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
	Brought forward	\$ cts.	\$ cts. 12,064 01
FISH BREEDING.—Continued.			
RISTIGOUCHE ESTABLISHMENT, QUEBEC AND NEW BRUNSWICK.			
Alex. Nowat.....	10 months salary as Officer in Charge, to 30th June, 1883	500 00	
Wm. Robertson.....	14 months salary as Caretaker, to 30th June, 1883	420 00	
Alex. Nowat.....	Disbursements in connection with hatchery.....	34 78	
Wm. Robertson.....	do do	23 16	
James Miles.....	Catching salmon	63 00	
David Wyers.....	do	11 00	
A. Sharp.....	do	2 00	
S. Ferguson.....	do	12 50	
Wm. Horan.....	do	4 50	
Wm. Mowat.....	do	10 00	
Nelson Moores.....	do	16 25	
Max. Mowat.....	do	30 00	
Alex. Robertson.....	do	15 75	
Moël Lawson.....	Labor	18 75	
John Ross.....	do	18 00	
J. N. Moores.....	do	7 50	
Chas. Bell.....	do	15 00	
R. D. Gerrard.....	do	15 50	
J. P. Mowat.....	do	160 88	
A. McBeath.....	Ma-on work.....	241 50	
John Ferguson.....	Lumber.....	32 68	
Max Mowat.....	Cordwood.....	20 00	
W. Robertson.....	Repairing nets.....	20 50	
Porter & Anderson.....	Saw.....	3 40	
J. E. Asker.....	Stove pipes.....	2 00	
A. Mowat.....	Repairs to retaining ponds at Murray Island.....	100 60	1,798 65.
GASPÉ BASIN ESTABLISHMENT, QUEBEC.			
P. Vibert.....	12 months salary as Officer in Charge, to 30th June, 1883	300 00	
Henry Davis.....	14 months salary as Caretaker, to 30th June, 1883.....	350 00	
P. Vibert.....	Disbursements in connection with hatchery.....	84 35	
Henry Davis.....	do do	2 90	
J. S. Davis.....	Catching salmon	261 40	
J. McCallum.....	do	79 75	
Henry Olsen.....	do	65 65	
J. S. Davis.....	Spawning fish.....	54 60	
Jos. Cass.....	do	23 40	
R. B. Coffin.....	do	22 10	
G. T. Annett.....	do	25 75	
R. Mullin.....	Distributing fry.....	14 30	
Saml. Suddard.....	do	13 00	
R. B. Coffin.....	do	13 00	
Alf. Hanley.....	do	19 50	
Jas. Berchervaise.....	do	10 40	
Chas. Lerke.....	do	5 00	
M. McCallum.....	do	2 00	
Peter Miller.....	do	26 45	
Jno. Davis.....	do	10 85	
A. Davis.....	do	67 50	
Wm. St. Croix.....	do	16 00	
F. G. Annett.....	Labor at hatchery	29 40	
Jos. Cass.....	do	29 40	
	Carried forward	1,526 70	13,862 66

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	1,526 70	13,862 66
	FISH BREEDING.—Continued.		
	GASPÉ BASIN ESTABLISHMENT, QUEBEC—Con.		
Henry Olsen.....	Labor at hatchery.....	28 10	
R. J. Mullin.....	do.....	16 90	
R. B. Coffin.....	do.....	14 95	
S. Suddard.....	do.....	13 00	
J. W. Berchervaise.....	do.....	10 40	
J. Berchervaise.....	do.....	10 40	
Alf. Stanley.....	do.....	10 40	
Henry Olsen.....	Labor at dam.....	50 25	
Alf. Stanley.....	do.....	72 60	
G. T. Patterson.....	do.....	42 90	
W. C. Davis.....	do.....	15 60	
R. D. Miller.....	Labour at Dartmouth River.....	14 30	
Mrs. S. Coffin.....	Cleaning house.....	1 50	
Samuel Suddard.....	Canoe hire.....	3 60	
A. LeMesurier.....	Stovepipes.....	1 85	
J. S. Davis.....	Lumber.....	6 40	
do.....	Horse hire.....	19 10	
J. & E. Collas.....	Hardware.....	38 28	
F. J. Annett.....	Drawing coal.....	18 20	
J. & E. Collas.....	Coal.....	23 23	
J. LeBoutillier.....	Hardware.....	4 36	
Henry Davis.....	Board of men.....	7 82	
J. Davis.....	Hardware.....	3 66	
Elizabeth Davis.....	Knitting nets.....	14 10	
	MAGOG ESTABLISHMENT, QUEBEC.		1,968 60
A. H. Moore.....	17 months salary as officer in charge, to 30th June, 1883.....	1,450 00	
do.....	Disbursements.....	43 31	
do.....	Paid for rent of ground and water privilege, 3 years, to July, 1883.....	150 00	
Fred. Rennicks.....	Lumber.....	12 39	
S. M. Bullard.....	Painting troughs.....	5 30	
A. H. Moore.....	Hardware, &c.....	22 64	
C. C. Warren.....	Catching and spawning fish.....	41 40	
R. W. Moore.....	Seining fish.....	29 25	
D. E. Peters.....	do.....	38 25	
Tuffy Fountain.....	do.....	30 25	
E. A. Donnegan.....	do.....	22 75	
Geo. Hardy.....	do.....	8 00	
Fred. Rennicks.....	do.....	5 00	
	BEDFORD BASIN ESTABLISHMENT, NOVA SCOTIA.		1,858 54
A. B. Wilmot.....	12 months salary as officer in charge, to 30th June, 1883.....	800 00	
F. G. Tolson.....	Wages as assistant.....	252 00	
ohn Tolson.....	do.....	65 00	
A. B. Wilmot.....	Disbursements.....	200 00	
F. G. Tolson.....	do.....	100 00	
O. Fillmore.....	Catching salmon.....	143 00	
A. Beck.....	do.....	84 54	
J. D. Cunis.....	do.....	32 50	
P. Campbell.....	do.....	11 50	
	Carried forward.....	1,688 54	17,689 80

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	\$ cts. 1,688 54	\$ cts. 17,689 80
FISH BREEDING.—Continued.			
BEDFORD BASIN ESTABLISHMENT, NOVA SCOTIA.			
Wm. Cameron.....	Catching salmon.....	5 00	
A. Tolson.....	Distributing fry.....	57 50	
W. McIntyre.....	do.....	10 00	
J. Says.....	do.....	10 00	
D. McKay.....	do.....	8 50	
J. Harvey.....	do.....	6 00	
G. W. Redden.....	do.....	5 00	
J. S. Oxley.....	do.....	3 50	
A. D. Archibald.....	do.....	3 00	
Theo. Ford.....	Tending salmon ova.....	32 50	
A. F. Salter.....	Coal.....	66 00	
Robert Anderson.....	Freight on coal.....	12 00	
Thomas Mitchell.....	Hauling coal.....	5 00	
W. Stairs & Son.....	Salmon twine and rope.....	24 34	
J. W. Lowther.....	Salmon nets.....	13 00	
A. W. Gilroy.....	Hardware.....	15 09	
Moir & Son.....	do.....	14 75	
C. H. Harrington.....	Freight in boxes.....	2 00	
J. E. Wilson.....	Stove and fire pot.....	4 20	
W. Dinsmore.....	Stovepipes.....	1 37	
Creighton & Marshall.....	Stationery.....	7 80	
R. A. Wood.....	Lumber.....	20 50	
Moir & Son.....	Kerosene oil.....	19 55	
Daniel Frazer.....	Carting salmon.....	5 50	
Western Union Tel. Co.....	Telegrams.....	14 98	
J. Miller.....	Carrying fish eggs.....	4 90	
James Ward.....	Horse hire.....	20 00	
D. M. Geldert.....	do.....	9 00	
J. L. Oxley.....	do.....	3 60	
Ed. Chase.....	do.....	2 00	
C. L. Rood.....	Board.....	12 50	
William Wood.....	Labor, etc.....	24 00	
R. B. Fillmore.....	do.....	4 15	
R. & A. Wood.....	Rent of water pipe.....	14 00	
G. J. Harris.....	Tinware.....	19 19	
A. Muirhead.....	Guarding tank, etc.....	61 90	
Albert Tolson.....	Ice.....	15 00	
Wm. Dinsmore.....	Canoe hire.....	2 25	
R. H. Cogswell.....	Thermometer.....	2 50	
Thos. Reardon.....	Wall paper.....	5 10	
			2,255 71
CAPE BRETON ESTABLISHMENT, NOVA SCOTIA.			
C. A. Farquharson.....	12 months salary as officer in charge, to 30th June, 1883.....	500 00	
W. J. Dunlop.....	14 months salary as caretaker, to 30th June, 1883.....	350 00	
C. A. Farquharson.....	Disbursements.....	80 33	
David Ross.....	Catching salmon.....	152 50	
Morrison & McEntyre.....	do.....	144 00	
Daniel Ross.....	do.....	58 00	
William Clements.....	do.....	47 50	
Lauchlin Gillis.....	do.....	30 00	
Thomas Roche.....	do.....	17 50	
K. McKenzie.....	Distributing fry.....	36 00	
N. & J. McLellan.....	Tinware.....	29 30	
W. Hyde.....	Salmon net.....	8 00	
	Carried forward.....	1,453 13	19,945 51

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	\$ cts. 1,453 13	\$ cts. 19,945 51
FISH BREEDING.—Continued.			
CAPE BRETON ESTABLISHMENT, NOVA SCOTIA—Con.			
J. McIntyre	Lumber	12 42	
J. A. Ross.....	do	12 05	
C. H. Harrington.....	do	24 16	
N. & J. McLellan.....	Tin pipes.....	4 25	
Henry McCrea.....	Wheelbarrow.....	4 75	
K. McKenzie.....	Horse hire.....	33 00	
Burehel & Matheson.....	Hardware.....	54 13	
Alex. Campbell.....	Hauling wood.....	4 00	
Sydney Coal Co.....	Coal.....	11 60	
Sydney Railway Co.....	Freight on coal.....	10 00	
John Morrison.....	Making nets.....	30 00	
J. A. McKenzie.....	Stationery.....	10 85	
A. C. Campbell.....	Teaming.....	6 75	
			1,671 09
MIRAMICHI ESTABLISHMENT, NEW BRUNSWICK.			
Isaac Sheasgreen.....	12 months salary as Officer in Charge, to 30th June, 1883.....	499 92	
Patrick Gillis.....	Catching salmon.....	69 20	
Richard Murphy.....	do	84 00	
M. Ryan.....	do	84 00	
Patrick Hogan.....	do	126 00	
J. Tozer.....	do	13 20	
Wm. Sheasgreen.....	do	23 80	
John Sheasgreen.....	do	60 00	
John Hogan.....	Teaming fish.....	92 00	
John Sheasgreen.....	do	56 00	
Wm. Sheasgreen.....	do	28 00	
do	Distributing fry.....	20 00	
J. Ferguson.....	Oil and cordage.....	53 83	
R. R. Call.....	Coal.....	54 00	
J. Sheasgreen.....	Carting coal.....	24 00	
E. Sinclair.....	Lumber.....	12 80	
J. H. Phinney.....	Fish cans, stovepipes, &c.....	26 10	
Isaac Sheasgreen.....	Scow hire.....	12 00	
do	Ice.....	8 00	
			1,346 85
ST. JOHN RIVER ESTABLISHMENT, NEW BRUNSWICK.			
Chas. McCluskey.....	11 months salary as Officer in Charge, to 30th June, 1883.....	458 26	
do	Disbursements.....	23 45	
Alex. Mowat.....	Salary as Officer in Charge for July and Aug., 1883.....	100 00	
do	Disbursements.....	8 65	
Chas. McCluskey.....	Paid for catching salmon.....	289 48	
Chas. Pickett.....	Distributing fry.....	35 00	
R. A. McCluskey.....	do	7 00	
C. McCluskey.....	do	5 25	
J. G. Gill.....	Coal.....	35 51	
C. McCluskey.....	do	17 50	
Robt. McCluskey.....	Carting Coal.....	9 25	
P. A. McCluskey.....	do	2 55	
J. F. McCluskey.....	Oil, chimneys, etc.....	5 96	
A. A. Dixon.....	Ladders.....	9 00	
	Carried forward	1,006 86	22,963 45

STATEMENT of Expenditure on account of Fisheries, etc — *Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	\$ cts. 1,006 86	\$ cts. 23,963 45
FISH BREEDING.— <i>Continued.</i>			
ST. JOHN RIVER ESTABLISHMENT, N.E.W. BRUNSWICK— <i>Concluded.</i>			
C. McCluskey.....	Cordwood.....	42 25	
W. F. Kertson.....	Drawing transfer.....	2 00	
J. S. Allen.....	Stationery.....	8 51	
Gabel & Armstrong.....	Hardware.....	11 9	
J. McAfee.....	Tinware.....	35 11	
Robert Watson.....	do.....	6 00	
Walter Graham.....	Lumber.....	14 85	
W. T. Kusten.....	Professional services.....	10 00	
Andrew Ritchie.....	Horse hire.....	3 50	
John Russell.....	do.....	1 00	
J. D. Ryan.....	Tin pails.....	1 5	
Wm. Olive.....	Board of men.....	13 45	
W. F. Fowler.....	Canoe hire.....	1 00	
Margaret Pickett.....	Rent of land.....	50 00	
			1,208 03
DUNK RIVER ESTABLISHMENT, P. E. ISLAND.			
Henry Clark.....	12 months salary as Officer in Charge, to 30th June, 1883.....	400 00	
do.....	Distributing fry.....	99 00	
do.....	Labour and lumber.....	71 00	
J. Bertram.....	do.....	22 25	
J. Clay.....	Survey and plan of grounds.....	16 74	
R. J. Holman.....	Coal.....	61 48	
D. Rogers.....	do.....	56 85	
			727 32
GENERAL DISBURSEMENTS—ONTARIO, QUEBEC, NOVA SCOTIA, NEW BRUNSWICK, P. E. ISLAND.			
Arthur Rankin.....	Use of fishery at Bois Blanc Island, Ontario.....	100 00	
James McKee.....	Supplying whitefish eggs do.....	250 00	
P. Baskerville.....	Spirits for specimens do.....	33 50	
D. Bédard.....	Hauling stone at Campbell's Bay, Quebec.....	21 00	
Stewart, Freeman & Co.....	Building fishway at Jordan River, Nova Scotia.....	119 54	
Jos. Shankle & Co.....	do do Hubbard's Cove do.....	125 00	
Jos. Suttis.....	Removing obstructions, Indian Harbor Lake, N.S.....	20 00	
Frank Todd.....	Expenses hatching fry at St. Croix River, N. B.....	91 26	
Chas. Keith.....	Compensation for building fishway at Montague River, P. E. Island.....	40 00	
Norman McDonald.....	do do do.....	40 00	
			840 30
	Grand Total.....		25,739 10
	Stationery.....		37 77
			25,776 87

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	RECAPITULATION.		
Fisheries.....	Ontario	13,602 00	
do	Quebec	13,287 30	
do	Nova Scotia.....	16,247 14	
do	New Brunswick.....	13,007 00	
do	Prince Edward Island.....	2,716 64	
do	British Columbia	1,589 92	
do	Manitoba.....	150 00	
do	Legal expenses.....		60,610 00
Fish Breeding .....	.....		1,681 43
			25,776 87
	Total Expenses		88,068 30

APPENDIX No. I

To the Sixteenth 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, 1883.

		(GENERAL ACCOUNT.)			
				\$	cts.
				\$	cts.
Ratrick Harty	12 months salary as Inspector of Lights	\$980	00		
do	do superannuation tax	20	00		
do	do travelling expenses			1,000	00
do	do do			25	00
do	do Paid freight and cartage of supplies			4	07
John Corbett	12 months salary as Superintendent			1,200	00
do	do do travelling expenses			30	00
Canadian Express Co	Express charges			4	00
Imperial Oil Co	Oil—7798 69 gallons at 24½	\$1,910	68		
do	5235 43 do 23½	1,230	33		
do	5206 77 do 23½	1,223	59		
do	658 49 do 2½			4,364	60
James Reddin	Lime			161	33
James McDougall	123½ cords of stone, at \$3.35			25	50
F. O. Vallerand & Co	10 mechanical fog-horns, at \$24 50 each			413	43
do	Burners, wicks, etc			245	00
H. St. A. Ormond	Paid freight and cartage on oil, twine, etc			4	63
Kenneth, Campbell & Co	Spirits of wine, oil, alcohol and ammonia			15	18
Fenwick & Sclater	Rope, blocks, oakum and cotton			168	37
Daily News	Advertising for tenders for supply steamer			198	07
McDougall, Logie & Co	Boiled oil, raw oil, turpentine, etc			2	16
Thomas McMahon	292 rolls of paper			1,048	33
James Mitchell	Oars			35	04
McMahon Bros	Nails			34	80
T. McDonald & Co	Brass lamp, etc			30	25
Gault Bros. & Co	Flannel, cotton, etc			7	45
J. R. Esmonde	Oil tanks, stove pipes, pails, etc			271	73
Hugh Allan & Co	Cotton			411	77
C. C. Snowdon	Tinsmith's tools			4	15
Monde	Advertising for tenders for supply steamer			381	26
H. Skinner	Storage on oil			6	90
Williams & Murray	Lumber			6	60
William Howe	91 rolls of paper			31	25
Canadian Pacific Railway	Freight of supplies			10	92
Bank of Montreal	To pay draft on New York in favor of Union Glass Co	\$431	23		
	Commission	1	05		
Canadian Printing Co	Advertising for tenders for supply steamer			432	28
Journal do	do do			2	16
Spectator do	do do			2	70
Yorkville Times	do do			2	90
Le Progrès	do do			2	90
P. E. W. Moyer	do do			2	90
Dundas Standard	do do			2	90
P. Baskerville Bros	Empty barrels and boxes			6	80
R. J. Mills	Chamois and sponges			5	00
J. Flanagan	Towels			4	50
Steamer "Olive"	Freight on oil, brooms and chimneys			68	75
W. A. Geddes	Charter of steamer "California" to de- liver lighthouse supplies	\$2,500	00		
do	1 day's demurrage	25	00		
				2,525	00
E. Chanteloup	Burners, wicks, chimneys, etc			499	17
J. R. Brough, C.E	Inspection and advice regarding Parkdale Crib Light			20	00
E. B. Eddy	14 cases of matches, at \$3.00			42	00
	Carried forward			13,787	05

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

		\$	cts.	\$	cts.
Brought forward.....			13,787		05
GENERAL ACCOUNT—Concluded.					
Steam Gauge and Lantern Co., Rochester, N.Y....	Marine signal lamps—draft	\$393	61		
	Exchange.....		1 50		
			395		11
St. Lawrence Railway Co	Freight on glassware		3		97
J. Inglis, London.....	Rouge powder and freight.....		82		71
George Campbell.....	Maintenance of Colchester Reef Lightship during season of 1882		1,440		00
James Swift.....	Paid freight on oil, etc.....		5		00
Duff & Gatfield.....	Services keeping signals at Lime Kiln Crossing, and showing depth of water during 1882.....		500		00
James Robertson.....	21 days as clerk on supply steamer.....		31		50
do	Travelling expenses to and from supply steamer....		7		60
British American Bank Note Co.....	Paper, printing, numbering and perforating cheques.....		39		50
C. S. Shaw & Co.....	Burners and wicks.....		3		69
Mayor of Kingston.....	Lighting City clock during season 1882; keeper's salary.....	\$100	00		
do	Share of gas.....		288		13
			388		13
A. Workman & Co.....	Tinware, steel compasses, etc.....		62		46
Troughton & Simms.....	Theodolite for use of engineer, £24 12s.....		119		72
M. Whalen.....	Carting oil.....		8		50
Hon. J. Simpson.....	Maintaining Light on Port Darlington Pier, during year ended 30th June, 1883.....		100		00
T. Cantley & Co.....	Chimneys.....		6		25
John Brown.....	Reporting on samples of soap.....		5		00
W. P. Anderson.....	Travelling expenses, \$173.39; paid charges on theodolite, \$9.99.....		183		38
W. H. Alexander.....	Travelling expenses to and from supply steamer....		7		85
W. H. Noble.....	Services inspecting Lighthouse apparatus, 21 days, at \$1.50=\$31.50; 51 days' at \$2.00=\$102.00....		133		50
do	Services for May and June at \$750.00 per annum....		125		00
Chadwick & Co.....	Advertising for tenders for supply steamer.....		2		90
The Shareholder.....	do do do		2		90
					17,441 72
<i>Bar Point Lightship.</i>					
John Manson.....	12 months salary as Light-keeper.....	\$495	63		
do	do superannuation tax.....		4 37		
do	Paid for putting out and taking off ties, pumping, etc.		500		00
do	Paid freight on rope.....		15		00
do	Placing Lightship on station, etc.....		3		40
Steamer "Dresden".....	Caulking.....		105		00
W. R. Spence.....	do chisels, etc.....		43		50
George Middleditch.....	do		1		90
Park & Borrowman.....	Dockage, use of booms, lumber, etc.....		36		90
H. D. Edwards & Co. ...	Rope, twine, etc.....		31		45
					737 15
<i>Batchewana Bay.</i>					
David Crawford.....	12 months salary as Light-keeper.....	\$345	63		
do	do superannuation tax.....		4 27		
					350 00
<i>Battle Island.</i>					
Charles S. McKay.....	12 months salary as Light-keeper.....	\$493	75		
do	do superannuation tax.....		6 25		
			500		00
E. Chanteloup.....	Circular burner chimneys.....		27		00
					527 00
	Carried forward.....				19,055 87

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

		\$	cts.	\$	cts.
Brought forward.....				19,055	87
<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		
do	Paid for oil, can, freight, etc.....			200	00
				7	15
				207	15
<i>Bois Blanc.</i>					
Andrew Hackett.....	12 months salary as Light-keeper.....	\$829	56		
do	do superannuation tax.....	5	44		
				835	00
<i>Brown or Knapp's Point.</i>					
Patrick McAvoy	12 months salary as Light-keeper.....	\$148	13		
do	do superannuation tax.....	1	87		
T. Hogan.....	Repairing road.....			150	00
				50	00
				200	00
<i>Burlington Beach.</i>					
Thomas Campbell.....	12 months salary as Light-keeper.....	\$296	25		
do	do superannuation tax.....	3	75		
C. Ogg.....	2 cords wood at \$4.50.....			300	00
				9	00
				309	00
<i>Burnt Island.</i>					
Colisé Turcotte.....	12 months salary as Light-keeper.....	\$246	88		
do	do superannuation tax.....	3	12		
do	Paid for iron hooks, drilling holes in rock, etc.....			250	00
				15	00
				265	00
<i>Byng Inlet.</i>					
Maganetewan Lumber Co	Attending Light, etc., for year 1882.....			250	00
James Milne.....	Salary as Light-keeper for May and June, 1883.....			41	67
				291	67
<i>Campbell Island.</i>					
Alexander Wilson.....	12 months salary as Light-keeper.....	\$148	13		
do	do superannuation tax.....	1	87		
do	Paid freight on coal oil, painting, etc.....			150	00
				15	33
				165	33
<i>Chantry Island.</i>					
W. McG. Lambert	12 months salary as Light-keeper.....	\$444	37		
do	do superannuation tax.....	5	63		
do	Paid for painting, etc.....			450	00
L. E. Lambert.....	Building workshop, storehouse, etc.....			18	00
				75	00
Carried forward.....				543	00
				21,554	02

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

		\$ cts.	\$ cts.
Brought forward.....		543 00	21,554 02
<i>Chantry Island—Concluded.</i>			
James Wilson.....	Repairs to Lighthouse top.....	60 00	
Wm. McGregor.....	Laying floor in cellar.....	5 00	
J. E. Tranter.....	2 cords wood.....	6 00	614 00
<i>Cherry Island.</i>			
Edward S. Johnson.....	12 months salary as Light-keeper.....	441 69	
do.....	do superannuation tax.....	5 31	447 00
<i>Christian Island.</i>			
John Hoar.....	12 months salary as Light-keeper.....	429 69	
do.....	do superannuation tax.....	5 31	435 00
<i>Clapperton Island.</i>			
B. B. Baker.....	12 months salary as Light-keeper.....	\$345 63	
do.....	do superannuation tax.....	4 37	
do.....	Paid for lumber, nails, etc.....	350 00 58 00	408 00
<i>Cobourg Light.</i>			
Imperial Oil Co.....	4327 gallons oil at 24½c.....		10 77
<i>Cole Shoal.</i>			
Richard Elliott.....	3 months salary as Light-keeper, from 1st July to 30th Sept., 1882.	\$61 72	
do.....	do superannuation tax.....	78	
H. J. Rowsam.....	8½ months salary as Light-keeper, from 21st Oct., 1882, to 30th June, 1883.....	62 50 173 61	
S. Elliott.....	Taking charge of Light from 1st to 20th Oct., 1882.	13 89	250 00
<i>Collingwood.</i>			
Matthew Watts.....	10½ months Acting Light-keeper, from 14th July, 1882, to 2nd June, 1883, at \$200 per annum.....	177 73	
Andrew Lockerbie.....	Salary ½ month as Light-keeper, from 3rd to 30th June, 1883.....	15 56	
Matthew Watts.....	Paid for rope.....	2 08	
William Watts.....	Repairing skiff.....	9 85	
E. Chanteloup.....	2 panes ruby glass.....	4 75	
J. Henderson.....	Manilla rope, boiled oil, etc.....	16 22	226 19
<i>Colchester Reef.</i>			
Andrew Hackett.....	Freight.....	5 00	
Chance Bros. & Co.....	1 dioptric light.....	£898 4s. 2d. 4,371 28	
Meldrum Bros.....	Removing lighthouse from s.s. "Parisian" to stores.....	15 00	
H. St. A. Ormond.....	Paid for second hand lumber for shelter for casks, etc.....	5 10	
Carried forward.....			4,396 38
			28,341 96

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

		\$ cts.	\$ cts.
	Brought forward		28,341 36
	<i>Coteau Island.</i>		
E. B. Prieur	12 months salary as Light-keeper		140 04
	<i>Deep River Island.</i>		
Owen Smith	12 months salary as Light-keeper	100 00	
do	Paid for coal oil and freight.....	3 86	103 86
	<i>Dorval Light.</i>		
Benjamin Gloude	12 months salary as Light-keeper	296 25	
do	do superannuation tax.....	3 75	300 00
	<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 printing, etc.....	15 40	450 40
	<i>French River.</i>		
Edward Borron, jun.	12 months salary as Light-keeper	493 75	
do	do superannuation tax	6 25	500 00
	<i>Frenchman's Bay.</i>		
John Leng.....	12 months salary as Light-keeper	100 00	
Bryce Bros.....	Lumber	78 60	
John Corbett	Paid for re-siding Lighthouse, carpenter's repairs, etc.....	140 00	318 60
	<i>Gananoque Narrows.</i>		
Cornelius Cook.....	12 months salary as Light-keeper	474 00	
do	do superannuation tax	6 00	480 00
	<i>Gibraltar Point.</i>		
George Durnan.....	12 months salary as Light-keeper.....	\$529 69	
do	do superannuation tax	5 31	
		535 00	
do	Paid freight on revolving apparatus.....	9 66	
E. Chanteloup.....	Revolving apparatus, lamps, etc.....	860 51	
W. H. Noble.....	Services erecting revolving light	32 25	
Canada Atlantic Rail- way Co.....	Freight on cases of machinery.....	8 66	
E. Beckett.....	Weights, 400 lbs. at 3c.....	12 00	
Wilson & Howard.....	Making pipe and repairing stairs.....	34 63	
James Armstrong.....	Scowing old apparatus	9 50	
H. Worthing & Son.....	15 bands.....	5 50	1,507 71
	<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 hire of boat, freight, &c.....	10 98	310 98
	Carried forward		32,452 91

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

		\$ cts.	\$ cts.
	Brought forward.....		32,452 91
<i>Glengarry or Stonehouse Point.</i>			
Mrs. K. McLachlin	12 months salary as Acting Light-keeper	200 00	
W. Chatanach.....	Boat	30 00	230 00
<i>Goderich.</i>			
G. N. McDonald	12 months salary at Light-keeper.....	\$395 00	
do	do superannuation tax.....	5 00	
		400 00	
G. N. Davis	Galvanized chimney top	5 50	
do	Apparatus for repairs to frames at light, etc.	49 30	
J. Saunders	Linseed oil and repairs to lamps	11 17	
L. C. Barney	Plate glass and grinding edges.....	100 79	
E. Chanteloup.....	Lamps, reservoirs, repairing reflectors, etc.....	218 01	784 77
<i>Gore Bay.</i>			
Robert Beyer.....	12 months salary as Light-keeper	\$246 88	
do	do superannuation tax.....	3 12	
do	Paid for clearing brush from site.....	250 00	
Stewart Clark	Plastering, etc	25 00	
		3 50	278 50
<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 repairs to binnacle light.	\$2 85	
	Freight on lamps and chimneys	4 70	
		7 55	
T. Long & Bros.....	Shingles, plank, etc.....	22 00	
E. Chanteloup.....	Circular burner chimneys.....	27 00	556 55
<i>Green Shoal.</i>			
Alfred Laberge.....	12 months salary as Light-keeper.....	\$247 00	
do	do superannuation tax.....	3 00	
		250 00	
do	Paid for freight and cartage on chimneys, oil, etc...	6 00	256 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 freight for material for repairs.	7 00	
John Leslie	Compass.....	2 50	
G. G. Spencer	Whitewashing, lumber, nails, etc.	208 57	
Parker & Co.....	Cement and lime	25 75	
H. Lamburner	Lumber and sharpening masons' tools	7 15	
John Kinnell.....	65 days and 2 hours, repairing tower, at \$1.50 per day.....	97 80	698 77
	Carried forward		35,507 50

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

		\$ cts.	\$ cts.
Brought forward.....			35,507 50
<i>Grosse 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	
William Shannon.....	Paid for 2 cords wood at \$4.00.....	8 00	618 00
<i>Gull Island.</i>			
Robert Roddick	12 months salary as Light-keeper.....	\$493 75	
do	do superannuation tax.....	6 25	
		500 00	
J. A. Brown & Co	Coal—4 tons at \$6.01½ per ton.....	\$24 07	
	4 tons at \$6.00 do	24 00	
		48 07	
John Corbett.....	Carpenters repairs to pier and Lighthouse	50 00	598 07
<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 wicks, oil, labour on boat, etc.....	2 61	
do	do freight and cartage of oil.....	3 00	
Kearns & Ryan	1 dozen towels	2 15	
George Hay	Rope.....	2 47	
G. T. O. Elwell	Chamois skins.....	1 80	
			112 03
<i>Isle of Coves.</i>			
George Currie	12 months salary as Light-keeper.....	637 00	
do	do superannuation tax.....	13 00	
			650 00
<i>Isle Perrot.</i>			
Henri Robillard.....	12 months salary as Light-keeper.....	60 00	
do	Paid for oil, rope, oars and freight.....	6 93	
			66 93
<i>Killarney.</i>			
P. R. de Lamorandière...	12 months salary as Light-keeper.....	\$345 63	
do	do superannuation tax.....	4 37	
		350 00	
do	Paid for building store	60 00	410 00
<i>Kincardine.</i>			
William Kay.....	12 months salary as Light-keeper.....	\$295 63	
do	do superannuation tax.....	4 37	
		300 00	
do	Paid for oars, repairs to boat, wood, chimneys, etc.	51 93	
H. F. Hurdon.....	3 cords wood, at \$4.....	12 00	
			363 93
Carried forward			38,446 46

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

		\$	cts.	\$	cts.
	Brought forward			38,446	46
<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	Paid for fuel for 1883.....		8	00	
E. Oulette & Co	1 cord wood.....		7	00	
S. St. Denis	Placing Lightship.....		84	00	
T. Desmarais	Skiff and pair of oars.....		18	00	
H. St. A. Ormond.....	Paid for boat hire, weighing anchors, hardware, etc		22	21	
Francis Leduc.....	Lumber, etc		3	00	
O. P. Robert.....	Nails, tacks, screws, etc.....		2	00	
				594	21
<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	Paid for fuel for 1883.....		80	00	
E. Oulette & Co	1 cord wood.....		7	59	
S. St. Denis	Placing Lightship.....		83	00	
T. Desmarais	Skiff and oars.....		18	00	
H. St. A. Ormond.....	Paid for boat hire, weighing anchors, travelling expenses, etc.....		19	10	
				435	09
<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	Paid for fuel for 1883.....		8	00	
E. Oulette & Co	1 cord wood.....		7	50	
S. St. Denis	Placing Lightship.....		83	00	
T. Desmarais	Skiff and oars.....		18	00	
H. St. A. Ormond.....	Paid freight and cartage on boat, boat hire, travelling expenses, etc.....		21	09	
				437	59
<i>Lamb Island.</i>					
W. T. Richards.....	9 months salary taking charge of Light, from 1st July, 1882, to 31st March, 1883.			225	00
<i>Lancaster Bar.</i>					
G. H. Johnson.....	12 months salary as Light-keeper.....	\$321	88		
do	do superannuation tax.....	3	12		
				325	00
G. W. Robinson	Lumber, etc		33	14	
Neil McGillis.....	Nails, hinges, locks, etc.....		2	10	
McArthur & Rayside	Lumber.....		8	60	
				368	84
<i>Lancaster Pier.</i>					
Thomas H. Hill.....	12 months salary as Light-keeper.	\$296	25		
do	do superannuation tax.....	3	75		
				300	00
W. W. Dunlop.....	Measuring stone, 102 cords, at 25 cts.....		25	50	
				325	50
	Carried forward			40,833	20

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

		\$	cts.	\$	cts.
	Brought forward.....			40,833	20
<i>Leamington.</i>					
J. Lamarsh.....	9 months salary as Light-keeper.....	\$111	09		
do	do superannuation tax.....		1 41		
				112	50
J. Lamarsh.....	23 days salary as Light-keeper, from 1st to 23rd of April, 1883.....			9	58
F. H. C. Conover	2 months and 7 days salary, from 24th April to 30th June, 1883.....			27	92
					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
do	Paid for painting and glazing.....			38	00
					288 00
<i>Little Current.</i>					
Donald McKenzie.....	12 months salary as Light-keeper	\$345	63		
do	do superannuation tax.....		4 37		
				350	00
do	In payment for repairs to embankment.....			40	00
William Watts.....	Boat with oars and rudder.....			55	00
					445 00
<i>Lonely Island.</i>					
Dominick Solomon	12 months salary as Light-keeper.....	\$444	37		
do	do superannuation tax.....		5 63		
				450	00
do	Paid for boat, sails, &c.....			154	96
					604 96
<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
McBurney & McCall.....	Building chimney and plastering	\$21	50		
	Lumber, flooring, doors, sash, putty, paint, brick, etc.....		77 81		
	Freight on lumber, etc.....		10 00		
	Carpenter's work, etc.....		104 00		
	Oil and painting.....		25 00		
				238	31
					673 31
<i>Long Point, W End, Port Rowan.</i>					
W. E. Dickenson	12 months salary as Light-keeper.....	\$405	00		
do	do superannuation tax.....		5 00		
				410	00
McBurney & McCall.....	Lumber for boat house.....			53	00
					463 00
<i>L'Orignal.</i>					
R. G. Campbell.....	12 months salary as Light-keeper.....			190	00
do	Freight, wharfage, etc., on oil, pails, etc.....			1	90
					101 90
	Carried forward.....			43,559	37

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

		\$ cts.	\$ cts.
Brought forward			43,559 37
<i>Manitoulin Island.</i>			
William Cullis.....	12 months salary as Light-keeper from 1st July, 1882, to 30th June, 1883	\$695 16	
do	do superannuation tax.....	4 84	
		700 00	
do	Arrears of salary from 1st April, 1882, to 30th June, 1882.....	\$74 06	
do	Superannuation tax.....	0 94	
		75 00	
do	Paid for tallow, locks, lumber pump, rub- ber hose, etc.....	23 45	
do	Paid for carpenter's work, freight on coal, etc.....	101 70	
N. W. Transportation Co	4,100 lbs. coal, at \$5 per ton, \$10.25; 9 cases, \$3; freight, \$9.....	22 25	
			922 40
<i>Meaford.</i>			
Samuel Dutcher.....	12 months salary as Light-keeper.....		125 00
<i>McKie's Point.</i>			
Alexander McDonald.....	12 months salary as Light-keeper.....	\$172 81	
do	do superannuation tax.....	2 19	
		175 00	
do	Paid for carpenter's repairs, wire, paint, teaming, etc.....	133 57	
E. Chanteloup.....	Arranging focus of reflectors.....	4 75	
Joseph Genier.....	Painting, repairing door, lumber, etc.....	151 15	
W. H. Noble.....	Inspecting and adjusting illuminating apparatus...	10 15	
			474 62
<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 for freight on oil.....	4 80	
			104 80
<i>Michael's Point.</i>			
R. A. Lyon & Co.....	9 months allowance for keeping light, to 31st March, 1883.....		187 50
<i>Michipicoten Island.</i>			
H. Davieau.....	12 months salary as Light-keeper.....	\$394 37	
do	do superannuation tax.....	5 63	
		400 00	
Toner & Gregory.....	Lumber.....	23 00	
Patrick Harty.....	Paid on account of building dock.....	25 00	
			447 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			46,085 69

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

		\$ cts.	\$ cts.
Brought forward			45,085 69
<i>Mohawk Island.</i>			
R. H. Smithers	12 months salary as Light-keeper.....	\$405 00	
do	do superannuation tax.....	5 00	
		410 00	
A. Benson.....	Bolts, straps and hooks.....	3 00	413 00
<i>Muskoka or Fox Island.</i>			
J. C. Darke.....	12 months salary as Light-keeper.....	\$246 88	
do	do superannuation tax.....	3 12	
		250 00	
do	Allowance for fuel for 1883.....	25 00	
do	Paid for boat hire, stationery and postage.....	14 64	
McDonald & Vrooman....	Iron pails, stoves, etc.....	11 00	
Baker & Ellis.....	Conveying oil, box and can.....	3 00	
S. C. Webster.....	6½ gallons of oil, at 28c.....	1 82	
W. R. Walker.....	8 galvanized iron pipes.....	2 80	
J. P. Kidd.....	Medicine.....	6 40	
Furvis Bros.....	Wrenches, axe, hammers, etc.....	4 22	
E. J. Eagan.....	Nails, screws, hinges, bolts, etc ..	9 26	
E. Hill.....	Iron braces for stove pipe.....	3 90	
W. S. Ramsey & Co.....	Lumber for boat house.....	63 62	395 66
<i>Nine Mile Point.</i>			
Albert Dunlop.....	12 months salary as Light-keeper.....	\$395 63	
do	do superannuation tax.....	4 37	
		400 00	
W. H. Noble.....	Inspecting and adjusting illuminating apparatus.	7 50	407 50
<i>Nottawasaga.</i>			
Geo. Collins.....	12 months salary as Light-keeper.....	\$588 00	
do	do superannuation tax.....	12 09	
		600 00	
do	Paid for screws for windows.....	5 94	
N. B. Hilborn.....	3 cords wood.....	13 50	619 44
<i>Oakville Pier.</i>			
R. K. Chisholm.....	12 months salary as Light-keeper.....	\$197 50	
do	do superannuation tax.....	2 50	
		200 00	
do	Paid for repairs to lamps and tank.....	2 25	202 25
<i>Owen Sound (Presqu' Isle.)</i>			
John McKenzie.....	12 months salary as Light-keeper.....	100 00	
Garrow & Bohl.....	Plating two reflectors.....	1 50	101 50
<i>Owen Sound.</i>			
G. S. Miller.....	12 months salary as Light-keeper.....	\$148 13	
do	do superannuation tax.....	1 87	
		150 00	
D. Oughton.....	Advertising in <i>Times</i>	2 24	
G. S. Miller.....	Paid for lamps, glass, etc.....	12 95	
E. Chanteloup.....	Lantern, extra windows, blinds, etc.....	218 55	
Carried forward		383 74	48,225 04

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

		\$	cts.	\$	cts.
		Brought forward		383	74
		<i>Owen Sound—Concluded.</i>			
Redfern & LePan.....	Lamps, etc	11	50		
<i>Enterprise Messenger</i>	Advertising for tenders for Range Lights.....	2	80		
<i>Meaford Mirror</i>	do do	2	24		
Fred. Brown.....	On account of contract.....	450	00		
L. C. Barney.....	Plate glass, etc.....	28	90		
					879 18
		<i>Pelee Island.</i>			
James Cummins.....	12 months salary as Light-keeper.....	\$429	69		
do	do superannuation tax.....	5	31		
			435 00		
John Corbett.....	On account repairs to Breakwater.....	1,127	22		
W. Rolf.....	Forge, anvil, coal, etc.....	78	33		
Henry Eede.....	Lumber.....	19	00		
J. H. Smart.....	Chain, nails, etc.....	23	22		
Gordon & Co.....	1,000 piles and pieces of scantling.....	438	02		
					2,120 79
		<i>Penetanguishene.</i>			
P. Kilrairie.....	3 months salary as Light-keeper to 30th Sept., 1882.....	\$37	03		
do	3 months superannuation tax.....	47		37	50
W. A. Thompson.....	8 do and 23 days salary to 30th June, 1883.....			109	27
					146 77
		<i>Pigeon Island.</i>			
Mrs. J. W. Davis.....	12 months salary as acting Light-keeper.. ..	300	00		
do	Paid for two cords of wood.....	10	00		
H. H. Tomlinson.....	Boat, oars and sails.....	80	00		
					390 00
		<i>Point à Cadieux.</i>			
Félix Valois.....	12 months salary as Light-keeper.....	\$197	50		
do	do superannuation tax.....	2	50		
			200 00		
do	Paid for repairs to lamp.....		2 05		
					202 05
		<i>Point aux Anglais.</i>			
Edmund Charlebois.....	12 months salary as Light-keeper.....	\$197	50		
do	do superannuation tax.....	2	50		
			200 00		
H. St. A. Ormond.....	Paid freight and cartage on boat.....	1	75		
Ross Bros. & Uo.....	Pulley blocks, manilla rope, etc	14	73		
					216 48
		<i>Point aux Pins.</i>			
W. G. Foote.....	9 months salary as Light-keeper.....	\$111	09		
do	do superannuation tax.....	1	41		
			112 50		
do	Paid for boat and oars.....		25 00		
					137 50
		Carried forward			52,317 81

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

		\$	cts.	\$	cts.
Brought forward.....				52,317	81
<i>Point Clark.</i>					
John Young.....	6 months salary as Light-keeper to 31st Dec., 1882.....	\$214	84		
do	6 months superannuation tax.....	2	66		
			217	50	
D. Small.....	3 do salary as Light-keeper to March 31st, '83.		100	00	
					317 50
<i>Point Claire Lightship No 1.</i>					
Moise Leclerc.....	12 months salary as Light-keeper.....	\$296	25		
do	do superannuation tax.....	3	75		
			300	00	
W. P. Anderson.....	Expenses inspecting.....		24	87	
T. Duchesneau.....	2 cords wood at \$5 00.....		10	00	
					384 87
<i>Point Peles Reef.</i>					
William A. Grubb.....	12 months salary as Light-keeper.....	\$493	75		
do	do superannuation tax.....	6	25		
			500	00	
S. Wigle & Son.....	4 cords of wood.....		22	00	
					522 00
<i>Point Peter.</i>					
James Burlingham.....	12 months salary as Light-keeper.....	\$395	00		
do	do superannuation tax.....	5	00		
			400	00	
John Richards.....	Repairs to vane, stove pipe, etc.....		9	65	
					409 65
<i>Point Pleasant.</i>					
John Prinyer.....	12 months salary as Light-keeper.....	\$296	25		
do	do superannuation tax.....	3	75		
			300	00	
J. N. Carter.....	Galvanized iron, solder, etc.....		17	00	
					317 00
<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>					
Alex. 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	
George Augustine.....	Pickets, posts, etc.....		42	57	
S. Burrow.....	Lamp, valves, etc.....		9	20	
Hau & Mathews.....	Nails, wire, hinges, screws, etc., \$12.12; 6 cords wood, \$5.00, \$3.00.....		42	12	
W. Anderson.....	8 days building fence at \$1.50.....		12	00	
					605 89
Carried forward				55,449	72

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

		\$	cts.	\$	cts.
Brought forward				55,449	72
<i>Port Credit.</i>					
James Hamilton	Nails, oil, rope, brushes, etc.....			13	26
<i>Port Dalhousie.</i>					
David Hunter	12 months salary as Light-keeper.....	\$296	25		
do	do superannuation tax.....		3 75		
				300	00
do	Paid for nails, lamp, etc.			4	74
W. McCraney & Sons.....	Lumber.....			12	87
				317	61
<i>Port Dover.</i>					
Henry Morgan.....	12 months salary as Light-keeper.			256	75
do	do superannuation tax.....			3	25
				260	00
<i>Port Maitland.</i>					
Fergus Schofield.....	12 months salary as Light-keeper.....			345	63
do	do superannuation tax.....			4	37
				350	00
<i>Port Stanley.</i>					
Charles Ead	12 months salary as Light-keeper.....	\$296	25		
do	do superannuation tax.....		3 75		
				300	00
W. Page.....	Oil can, etc.....			2	25
H. D. Bake	Tarring and sanding			16	30
				318	55
<i>Presqu' Isle, Main Light.</i>					
Wm. H. Sherwood	12 months salary as Light-keeper.....	\$370	31		
do	do superannuation tax.....		4 69		
				375	00
G. B. Simpson.. ..	Spikes, rope, lumber and repairs to Protection work.			93	39
Hedley Simpson	4 days labour at Protection work.....			6	00
C. B. Kemp.....	200 spikes			11	50
				485	89
<i>Prince Arthur's Landing.</i>					
John Cooper.....	9 months and 24 days salary as Light-keeper from 7th September, 1882, to 30th June, 1883.....			163	33
T. Marks & Co.....	Lantern, chamois, etc.....			3	70
G. H. Kennedy	Repairing lamps, etc			1	50
				168	53
<i>Range Lights and Buoys.</i>					
G. B. Simpson.	12 months salary as Light-keeper.....			370	31
do	do superannuation tax.....			4	69
				375	00
<i>Red Rock, Parry Sound.</i>					
A. A. Lawson.....	12 months salary as Light-keeper.....	\$394	37		
do	do superannuation tax.....		5 63		
				400	00
do	Paid for boat.....			100	00
				500	00
Carried forward				58,238	56

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

		\$	cts.	\$	cts.
Brought forward				58,238	56
<i>River Thames.</i>					
Mrs. Thomas Cartier	12 months salary as Acting Light-keeper			435	00
<i>Rondeau Harbour.</i>					
Thomas Harrison	12 months salary as Light-keeper.....	\$395	00		
do	do superannuation tax.....	5	00		
do	Paid for repairing burners			400	00
				5	10
				405	10
<i>Ste. Anne du bout de l'Isle, No. 1.</i>					
Antoine Caron	12 months salary as Light-keeper.....			60	00
do	Paid tinsmith, coal oil, etc.....			8	31
				68	31
<i>Ste. Anne du bout de l'Isle, No. 2.</i>					
T. de Repentigny.....	12 months salary as Light-keeper.....			100	00
<i>Ste. Placide.</i>					
Charles Gauthier.....	12 months salary as Light-keeper.....			100	00
<i>Salmon Point.</i>					
Lewis Hudgins ^a	12 months salary as Light-keeper.....	\$296	25		
do	do superannuation tax.....	3	75		
do	Paid for painting and shingling.....			300	00
				21	75
				321	75
<i>Scotch Bonnet.</i>					
Robert Pye.....	12 months salary as Light-keeper.....	\$395	00		
do	do superannuation tax.....	5	00		
do.....	Paid for 2 cords of wood.....			400	00
				6	00
John Corbett.....	Paid for repairs and putting up new lantern			255	00
J. N. Carter	Roofing felt, white lead, etc.....			152	65
Finlay Pye	Hauling lantern			65	00
				878	65
<i>Snake Island.</i>					
Nathaniel Orr.....	12 months salary as Light-keeper.....	\$489	69		
do	do superannuation tax	5	31		
Chancy Derigan.....	2 cords of wood.....			495	00
				8	00
				503	00
<i>Southampton Range.</i>					
D. Cascaden.....	Salary as Light-keeper, 4½ months and 6 days, to 24th November, 1882.....			59	95
John Lee.....	Salary as Light-keeper, 7 months and six days, to 30th June, 1883.....			90	00
do	Paid for hire of team.....			10	00
				159	95
Carried forward				61,210	32

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

		\$	cts.	\$	cts.
Brought forward.....				61,210	32
<i>South Bay Point.</i>					
Daniel McIntosh.....	12 months salary as Light-keeper.....	\$148	13		
do.....	do superannuation tax.....	1	87		
do.....	Paid for painting Light, etc.....		150	00	
			13	00	163 00
<i>Spectacle Shoal.</i>					
William Jackson.....	12 months salary as Light-keeper.....	\$395	00		
do.....	do superannuation tax.....	5	00		
do.....	Paid for painting.....		400	00	
			7	87	407 87
<i>Strawberry Island.</i>					
Bryan McKay.....	12 months salary as Light-keeper.....	\$295	63		
do.....	do superannuation tax.....	4	37		
do.....	Paid for boat.....		300	00	
			100	00	400 00
<i>Sulphur Island.</i>					
William Shepherd.....	12 months salary as Light-keeper.....	\$321	25		
do.....	do superannuation tax.....	3	75		
John Leslie.....	Thermometer.....		325	00	
			0	50	325 50
<i>Telegraph Island.</i>					
John Mason.....	12 months salary as Light-keeper.....	\$197	56		
do.....	do superannuation tax.....	2	50		
do.....	Paid for boat and freight.....		200	00	
			26	25	226 25
<i>Thunder Cape.</i>					
Duncan McEachen.....	9 months salary as Light-keeper, to 31st March, 1883.....	\$370	29		
do.....	do superannuation tax.....	3	14		
S. R. Richmond.....	6 months salary as Light-keeper, to 30th June, 1883		373	43	
			125	00	498 43
<i>Tobermoray.</i>					
Charles Earl.....	Taking charge of Light during season 1882.....				100 00
<i>Upper Ottawa Lights.</i>					
François Boucher.....	1 month and 24 days salary as Light-keeper, from 7th May to 30th June, 1883, Aylmer Island.....		15	00	
Benjamin McQuestin.....	4 months salary as Light-keeper, from 1st March to 30th June, 1883, McQuestin's Point.....		33	33	
John Tario.....	4 months salary as Light-keeper, from 1st March to 30th June, 1883, Morrison's Island.....		33	33	
G. T. O. Elwell.....	Sponges, chamois, etc.....		3	00	
C. S. Shaw & Co.....	20 galls. oil at 30c.....		6	00	
					90 66
Carried forward.....				63,422	03

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

		\$ cts.	\$ cts.
	Brought forward		63,422 03
<i>Victoria Island.</i>			
Francis Levan	12 months salary as Light-keeper	100 00	
do	Paid freight and cartage on oil, etc.	10 96	
H. T. Corbett.	Boat	30 50	141 46
<i>Victoria Island, Lake Superior.</i>			
Richard Singleton	6 months salary for Keeper of temporary Light		75 00
<i>Way Shoal.</i>			
Antoine 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	150 00
<i>Whisky Island.</i>			
Joseph Dion	For taking charge of Light from 15th July to 8th Oct., 1882	30 00	
W. A. Thompson	8 months and 23 days salary as Light-keeper, to 30th June, 1883	109 28	
do	Amount for building breastwork for protection.....	82 00	
Corbeau Bros.	Repairs to foundation.....	40 00	
W. H. Smith.....	Inspection and measurement of breakwater.....	8 00	269 28
<i>Windmill Point.</i>			
S. R. Scarlet.....	4 months and 22 days salary as Light-keeper to 22nd Nov., 1882	\$58 42	
do	4 months and 22 days superannuation tax..	0 74	59 16
W. S. Plumb	7 months and 8 days salary as Light-keeper, to 30th June, 1883	90 84	150 00
<i>Wolfe Island.</i>			
Robert Gillespie.....	12 months salary as Light-keeper.....	\$246 88	
do	do superannuation tax	3 12	250 00
E. Chanteloup	Replating reflectors.....	24 00	
W. H. Noble.....	Changing lamps	13 75	287 75
<i>Buoys and Beacons.</i>			
Albert Root	Making and placing, Fiddler's Elbow.....	21 00	
George Collins	Placing, Surprise and Jackson's Shoals...	13 88	
M. Andrew Port	do do do	25 00	
Collingwood Foundry Co	3 anchor castings do do	52 48	
Robert Dey	Mountings do do	35 24	
Wm. Watts	Making buoys and painting do do	24 25	
Evans & Co	Tins for buoys do do	1 26	
W. McCauley	Hire of boat, "Collingwood"	5 00	
Collingwood Foundry Co	1 anchor casting do	14 04	
	Carried forward	192 15	64,595 52

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

		\$ cts.	\$ cts.
	Brought forward.....	192 15	64,595 52
	<i>Buoys and Beacons—Concluded.</i>		
And. Lockerbie.....	Boat and oars, new buoys, lifting, placing and painting, "Collingwood".....	2 19 22	
Wm. Watts.....	Boat and oars do.....	45 00	
Andrew Hackett.....	Picking up buoys, cedar, etc., Bois Blanc.....	24 80	
A. Rheame.....	Iron chains, making and repairing do.....	66 50	
Ross, Bros & Co.....	Lifting buoys, Lachine Rapids.....	3 07	
H. S. A Ormond.....	Paid for placing, do.....	12 70	
T. Chapman.....	Mounting, do.....	4 6	
Captain Filgare.....	Placing, do.....	45 00	
S. St. Denis.....	Cedar, chain, placing, etc., Lachine Rapids.....	90 00	
do.....	Finding and replacing, do.....	90 00	
W. O Luscombe.....	On account buoy service, Sault Ste Marie, 1881-82.....	900 00	
George Collins.....	Raising and placing, Mary Ward Shoal.....	22 50	
F. Gaudaux.....	Putting down bushes, Muskoka.....	7 5	
W. Bigsail.....	2 cedar spars, do.....	1 00	
Purvis Bros.....	Cast steel, etc., do.....	10 44	
B. Hill.....	Making drills, iron for anchors, Muskoka.....	10 25	
J. C. Darke.....	Placing, etc., do.....	30 85	
John Young.....	Paid for searching for buoy, Point Clark.....	8 00	
S. St. Denis.....	Making and placing, Lake St. Louis.....	185 00	
Joseph Grenier.....	New buoys, etc., Lake St. Francis.....	254 00	
J. Crooks & A. Williams.....	Taking up, Burlington Bay.....	3 00	
Thos. Campbell.....	Placing, do.....	6 70	
T. R. Caton.....	Erecting beacon, Gull Rock.....	55 00	
W. E. Dickinson.....	Buoys, anchors and chains, Long Point Bay.....	35 00	
William Shannon.....	Cedar, hire of scow, Grosse Point.....	13 00	
Cornelius Cook.....	Making and placing, Gananoque Narrows.....	12 35	
John Reid.....	Clearing land, Gallops Rapids.....	482 55	
T. R. Caton.....	Erecting beacon, Parry Sound.....	75 00	
G. B. Simpson.....	Two buoys, Presque 'Isle.....	20 10	
Wm. Spencer.....	Placing, Inlet Channel.....	120 00	
And. Hackett.....	do Colchester Reef.....	17 80	
A. A. Lawson.....	Replacing, Three Star Shoal.....	18 75	
John Mathewson.....	Lifting, General Account.....	9 00	
James Riggs.....	Spar buoy, anchor and chain, General Account.....	7 00	
M. P. McElhinney.....	Inspecting buoys, do.....	75 40	
McArthur & Rayside.....	Lumber, Crab Island Beacon.....	16 66	
D. McNaughton.....	Axes, nails, shovels, etc., Crab Island Beacon.....	31 47	
Wm. Williams.....	Paid labourers, cab hire, etc., do.....	215 10	
John Amlotte.....	25 tons of stone, do.....	100 00	
John E. Askwith.....	20 days pay as foreman, at \$3.00, do.....	60 00	
Alfred Labege.....	Lifting, sounding, etc., Green Shoal.....	12 00	
			3,608 48
	<i>Manitoba Light-ship.</i>		68,204 00
Henry Hackett.....	Taking off shore.....	322 92	
David Varner.....	Taking charge of Light-ship, from 31st July, to 16th November, 1882.....	333 34	
N. W. Navigation Co.....	Placing in position.....	100 00	
David Varner.....	Raising ship and securing.....	63 50	
J. Frederickson & Co.....	Hire of steamer "Victoria," endeavouring to get in Light-ship.....	36 00	
			855 76
Queen's Printer.....	Stationery, etc.....		69,059 76
			56 92
	Total.....		69,116 68

JOHN TILTON,
Accountant.

WM. SMITH,
Deputy Minister of Marine and Fisheries.

APPENDIX No 2.

To the Sixteenth 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,
1883.

		\$	cts.	\$	cts.
<i>Ash and Bloody Islands (Two Range Lights).</i>					
J. W. Hammond	12 months salary as Light-keeper	\$197	48		
do	do superannuation tax		2 52		
				200	00
do	Fuel allowance for 1882			10	00
do	Repairs to pier, \$16.75; postage, \$2.70			19	45
do	Boat			50	00
P. Jobin	Repairing towers			57	26
A. Marmen	Travelling expenses inspecting			18	00
W. P. Anderson	do do do			10	91
					365 62
<i>Batiscan (Two Range Lights).</i>					
L. Fugère	12 months salary as Light-keeper, No. 1			80	00
Jos. Marchand	do do do No. 2			80	00
do	Ground rent, No. 2			6	00
L. Fugère	do No. 1			6	00
W. A. Bald	Purchase of land			100	00
					272 00
<i>Cape Charles (Two Range Lights).</i>					
A. Boisvert	12 months salary as Light-keeper	\$148	12		
do	do superannuation tax		1 88		
				150	00
do	Ground rent, 1883			10	00
do	Cutting trees, \$10; postage and cartage, \$2.22			12	22
					172 22
<i>Cape Magdalen (Two Range Lights).</i>					
Paul Manuel	12 months salary as Light-keeper, No. 1			100	00
Ant. Montplaisir	do do do No. 2			130	00
do	Ground rent, 1882			12	00
P. Jobin	Lumber and making and putting up new lanterns			230	01
A. Marmen	Travelling expenses inspecting			5	70
					477 71
<i>Champlain.</i>					
Nap. Hardy	12 months salary as Light-keeper			130	00
Audet & Robitaille	Rope and blocks			14	74
T. Martineau	Ground rent, 1882			12	00
A. Marmen	Paid for lumber and labour erecting pole			29	96
H. Lamothe	do labour erecting pole			18	15
E. Chanteloup	Sheet lead			4	50
Beaudet & Chinic	Iron			2	50
					211 85
<i>Contrecoeur (Two Range Lights).</i>					
Avilas Gervais	12 months salary as Light-keeper			100	00
Noel Lacroix	do do do			75	00
					175 00
Carried forward					1,674 40

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

		\$	cts.	\$	cts.
Brought forward				1,674	40
<i>Grondines (Two Range Lights).</i>					
Epi. Trottier	12 months salary as Light-keeper, No. 2	100	00		
Wid. J. Trottier	do do do No. 1	100	00		
do	Allowance for fuel, \$4; postage, 42c.	4	42		
Epi. Trottier	Fuel, 1882	4	00		
Nap. Jalbert	New roof, etc.	12	50		
Beaudet & Chinic	Nails, etc.	2	22		
				223	14
<i>Isle à la Bague.</i>					
Jos. Ethier	8 months salary as Light-keeper	128	00		
do	Putting up and taking down tower	30	00		
do	Boat, \$16; repairs to lantern, \$5	21	00		
do	Burners	3	00		
				182	00
<i>Ile de Grâce.</i>					
Ed. Paul	8 months salary as Light-keeper	240	00		
do	Putting up and taking down towers	45	00		
E. Courcène	Tinsmith's work	42	60		
Provost & Gauthier	Repairs to roof of tower	20	00		
P. Bellefeuille	Carpenter's repairs to roof of tower	16	85		
				361	45
<i>Isle à la Pierre (Two Range Lights).</i>					
Wm. Matte	12 months salary as Light-keeper	\$217	24		
do	do superannuation	2	76		
do	Allowance for fuel, 1882-83, \$20; postage and cartage, \$7.11	27	11		
J. B. Dutil	Boat, \$38.40; oars, \$6	44	40		
Ray Blakiston	Boat sails	15	00		
E. Portelance	Blacksmith's repairs	6	47		
A. Garceau & fils	Tinsmith's repairs	5	55		
Audet & Robitaille	Coal tar and brush	5	10		
G. Lamontagne	Clock	5	50		
P. Bellefeuille	Freight on boat	3	45		
				332	58
<i>Isle aux Prunes.</i>					
D. Robert	12 months salary as Light-keeper	120	00		
do	Boat, \$10; allowance for fuel, 1882-83, \$8	18	00		
do	Putting up tower	20	00		
				158	00
<i>Isle aux Raisins (Two Range Lights).</i>					
O. Letendre	8 months salary as Light-keeper	240	00		
do	Allowance for fuel, 1882-83	12	00		
do	Putting up and taking down tower	30	00		
J. U. Gregory	Expenses for investigation, re Light-keeper	41	80		
P. Bellefeuille	Carpenters' repairs to Lighthouse	28	50		
				352	30
<i>Isle Ste. Thérèse (Two Range Lights).</i>					
Sam Reeves	12 months salary as Light-keeper No. 1	120	00		
Théo. Brodeur	8 do do No. 2	144	00		
A. Reeves	Ground rent for 3 years to 1st May, 1883	30	00		
				294	00
Carried forward				3,580	87

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

		\$	cts.	\$	cts.
	Brought forward.....			3,580	87
<i>Lacolle (Two Range Light's.)</i>					
Jos. Rhéaume.....	7 months and 15 days salary as Light-keeper.....	\$104	92		
do.....	do superannuation tax.....	1	33	106	25
E. Chanteloup.....	Sheet lead, etc.....			9	50
H. Whitman.....	1 month and 15 days salary as Light-keeper.....	\$18	51		
do.....	do superannuation tax.....	0	24	18	75
<i>Lavaltrie (Two Range Lights.)</i>					
D. Giguere.....	12 months salary as Light-keeper.....	\$296	24		
do.....	do superannuation tax.....	3	76	300	00
do.....	Fuel, 1882.....			20	00
do.....	Putting up and taking down tower.....			70	00
C. Heuvieux.....	Ground rent, 1882.....			30	00
<i>Lake Memphremagog.</i>					
Wm. Shepherd.....	To pay Light-keeper for season, Witch Island.....			36	00
do.....	do do Wadleigh's Point.....			37	07
do.....	do do Green Point.....			23	14
do.....	do do Lead Mine.....			18	00
do.....	Superintending.....			31	50
D. E. Peters.....	do.....			9	00
J. C. Wadleigh.....	Painting Lighthouse.....			13	00
Alex. Molson.....	19 weeks and 5 days salary as Light-keeper, Molson's Island.....			29	58
<i>Lightship No. 1.</i>					
A. Auger.....	12 months salary as Light-keeper.....	\$496	24		
do.....	do superannuation tax.....	3	76	500	00
P. Bellefeuille.....	Paid for caulking and carpenters' repairs.....			118	25
do.....	6 cords wood, \$36; wintering and outfit, \$91.48....			127	48
L. T. Trempe.....	Paint, oil and hardware.....			64	20
E. Portelance.....	Blacksmiths' repairs.....			12	80
A. Garceau, fils et Cie ...	Tinsmiths' work.....			6	50
<i>Lightship No 2.</i>					
Hector Fiset.....	12 months salary as Light-keeper.....	\$496	24		
do.....	do superannuation tax.....	3	76	500	00
P. Bellefeuille.....	Wintering and outfit.....			125	20
do.....	Paid for caulking, carpenters and painting.....			114	87
do.....	6 cords wood, at \$6.....			36	00
L. T. Trempe.....	Paint, oil and hardware.....			59	21
A. Garceau, fils et Cie ...	Tinsmiths' work.....			9	30
E. Courchène.....	do.....			4	50
E. Portelance.....	Blacksmiths' repairs.....			7	66
<i>Lightship No. 3.</i>					
Amedie Magnon.....	12 months salary as Light-keeper.....	\$496	24		
do.....	do superannuation tax.....	3	76	500	00
	Carried forward.....			500	00
				6,018	83

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

		\$ cts.	\$ cts.
Brought forward		500 00	6,018 63
<i>Lighthouse No. 3.—Concluded.</i>			
P. Bellefeuille	Paid for caulkers' and carpenters' repairs.....	115 00	
do	Wintering and outfit.....	128 69	
do	6 cords wood, at \$6.....	36 00	
Provost & Gauthier.....	Making and fixing ball on mast.....	60 00	
L. T. Trempe.....	Paint, oil and hardware.....	63 81	
E. Portelance.....	Blacksmiths' repairs.....	11 93	
G. A. Pontbriand.....	do	9 25	
Audet & Robitaille.....	Rope.....	5 20	
A. Garceau, fils et Cie	Ironsmiths' work.....	5 15	
		<hr/>	935 03
<i>L'Islet, Richelieu.</i>			
C. Blais	8 months salary as Light-keeper	160 00	
do	Fuel for 1882, \$15; boat hire, \$8.....	23 00	
		<hr/>	183 00
<i>Lotbinière (Two Range Lights).</i>			
L. Beaudet.....	12 months salary as Light-keeper No. 1.....	80 00	
O. C. de la Chevrotière.....	6 do do No 2.....	40 00	
Geo. Beaudet.....	5 do do No. 2.....	33 33	
L. Beaudet.....	Removing tower	16 62	
A. Marmen.....	Travelling expenses inspecting	3 90	
		<hr/>	173 85
<i>Montreal Harbour (Two Range Lights)</i>			
Wm. Jeffs.....	5 months salary as Light keeper.....	125 00	
do	Fuel, 1882.....	6 00	
do	Taking down lantern.....	8 00	
Chance Bros. & Co.....	2 range fixed lights and apparatus, £390 8s. 4d.; insurance, 18s. 4d	1,904 49	
		<hr/>	2,043 49
<i>North Half-Way Point (Two Range Lights)</i>			
D. Menard.....	12 months salary as Keeper.....	\$167 88	
do	do superannuation tax.....	2 12	
		<hr/>	170 00
<i>Platon (Two Range Lights.)</i>			
Pierre Beaudet.....	8 months salary as Keeper	120 00	
do	Repairs to tower, \$35; postage and cartage, \$2.72.	37 72	
Beaudet & Chinic.....	Tap and auger.....	1 50	
		<hr/>	159 22
<i>Pointe aux Trembles (Two Lights)</i>			
A. Lamoureux.....	12 months salary as Keeper.....	130 00	
do	Paint and labor painting and repairs to Lighthouse	71 65	
		<hr/>	201 65
<i>Point du Lac.</i>			
Médard Paquin.....	12 months salary as Keeper.....	100 00	
do	Repairing fence and painting tower.....	20 98	
O. Girard.....	Silvering reflector.....	6 00	
Audet & Robitaille.....	Canvas and tacks.....	11 60	
		<hr/>	138 58
Carried forward			10,163 45

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

		\$	cts.	\$	cts.
Brought forward.....				10,163	45
<i>Port St. Francis (Three Range Lights.)</i>					
Em. Duval.....	8 months salary as Keeper.....	160	00		
do	Putting up and taking down tower.....	60	00		
				220	00
<i>Pointe Citrouille.</i>					
C. Brunelle.....	8 months salary as Keeper.....	200	00		
do	Fuel for 1882, \$5.00; repairing boat, \$5.00	10	00		
do	Removing supplies	8	25		
J. H. Marchildon.	Ground rent.....	12	00		
J. Marchaud.....	House rent and right of way	8	00		
				238	25
<i>Portneuf (Above.)</i>					
F. Rodrique.....	12 months salary as Keeper	\$246	83		
do	do superannuation tax	3	12		
				250	00
do	Fuel for 1883.....	10	50		
G. Germain.....	Ground rent 1882.....	5	50		
Renaud & Co.....	Chimneys.....	2	40		
				263	40
<i>Repentigny (Two Range Lights.)</i>					
Chas. Rivet.....	8 months salary as Keeper No. 2.....	56	00		
J. B. Lachapelle.....	do do do No. 1.....	56	00		
				112	00
<i>River du Chêne.</i>					
Widow J. Langlois.	12 months salary as Keeper	75	00		
S. Peters.....	Lumber for new Lighthouse	128	44		
O. Gourdeau.....	Travelling expenses and labor in building new Light	68	99		
				272	43
<i>St. Antoine.</i>					
L. Lafleur.....	12 months salary as Keeper	\$148	12		
do	do superannuation tax	1	88		
				150	00
do	Repairs to Lighthouse as per agreement.....	115	00		
do	Fuel, \$5.00; cartage, \$2.00.....	7	00		
S. Peters.....	Lumber.....	12	87		
Beaudet & Chinic.....	Nails.....	1	08		
				285	95
<i>Ste. Croix.</i>					
Wm. Thurber.....	12 months salary as Keeper.....	\$172	80		
do	do superannuation tax.....	2	20		
				175	00
do	Fuel for 1882, \$10.00; window, \$8.00.....	18	00		
do	Freight and postage.....	3	95		
O. Simard..	Stove, pipe, etc.....	5	57		
M. Desrochers.....	Ground rent 1882.....	6	00		
				208	52
<i>St. Pierre les Becquets.</i>					
J. C. Francœur.....	12 months salary as Keeper.....			70	00
Carried forward				11,699	00

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

		\$ cts.	\$ cts.
Brought forward.....			11,699 00
<i>St. Valentine.</i>			
Paul Martin.....	12 months salary as Keeper.....	\$148 12	
do	do superannuation tax.....	1 88	
			150 00
<i>Sorel Harbour.</i>			
Richelieu Co.....	Salary for season 1883.....		85 00
<i>Buoys and Beacons</i>			
Beaudet & Chinic.....	Iron.....		4 38
			\$11,938 38
GENERAL ACCOUNT.			
T. Routier.....	Carpenters and blacksmiths' labour for general repairs.....	1,154 80	
A. Marmen.....	Services inspecting.....	528 00	
A. J. Turcotte.....	Brushes, brooms, etc.....	48 30	
do	1,000 galls. petroleum, at 20c.....	200 00	
do	200 galls. linseed oil, at 70c.....	140 00	
do	105 do 78c., \$81.90; cartage, 25c.....	81 15	
Queen's Stores.....	Storage of oil.....	39 30	
C. E. Holwell.....	Stationery.....	41 35	
J. P. Dery.....	do	65 60	
J. U. Gregory.....	Travelling expenses.....	43 50	
W. P. Anderson.....	do inspecting repairs, etc.....	43 70	
O. Simard.....	Red lead, sponges and hardware.....	111 22	
J. Marmen.....	10 cords wood, at \$5.....	50 00	
J. A. Langlois.....	Printing.....	35 00	
Dawson & Co.....	Paper files.....	10 00	
P. Bellefeuille.....	Cartage and freight.....	21 75	
L. Marceau.....	Sawing and splitting 10 cords wood.....	10 00	
J. J. Foote.....	12 months subscription to <i>Chronicle</i>	6 00	
J. Carrell.....	12 do <i>Telegraph</i>	4 00	
Great N.W. Telegraph Co	Messages.....	43 12	
J. Levesque.....	Labour on oil and stores.....	15 00	
J. Carrell.....	Paper.....	9 00	
J. A. Williams.....	Lumber.....	170 90	
J. Dunn.....	Soap.....	36 00	
J. Couturier.....	Labour.....	10 00	
T. Berrigan.....	Carting snow.....	35 00	
J. Marmen.....	Cartage.....	12 00	
E. Chanteloup.....	Lamps.....	312 00	
P. Nolet.....	Labour at oil.....	6 75	
J. B. Dutil.....	Oars.....	37 50	
			3,321 94
			15,260 33
Refund to salaries.....			10 00
Total.....			\$15,250 33

WM. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 3.

To the Sixteenth 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, 1883.

		\$	cts	\$	cts.
<i>Algernon Rock.</i>					
D. Babin	12 months allowance for Assistant Light-keeper....	150	00		
do	Fuel, 1882-83, \$24; painting tower, \$25.....	49	00		
do	Filling pier with stones	75	00		
T. Routier.....	Crane	32	60		
S. Peters	Lumber	13	69		
F. Turgeon	Carpenter's repairs	10	50		
Beaudet & Chinic	Iron	1	63		
Audet & Robitaille	Sheaves.....	1	00		
				333	62
<i>Amherst Island.</i>					
Wm. Cormier.....	12 months salary as Light-keeper.....	\$296	24		
do	do superannuation tax.....	3	76		
do	Fuel, 1882-83, \$20; repairs to Lighthouse, \$22.....	300	00		
S. Peters	Lumber	42	00		
E. Chanteloup.....	Glass	21	25		
J. Hamel et freres.....	Glass cloth	13	00		
Beaudet & Chinic.....	Nails.....	3	88		
				1	20
				381	33
<i>Anticosti, East Point.</i>					
Thos. Gagné.....	12 months salary as Light-keeper.....	\$795	00		
do	do superannuation tax.....	5	00		
				800	00
Audet & Robitaille.....	Chains, oars, etc.....	38	60		
E. Cazeau	Wheels and axles.....	35	80		
J. B. Renaud & Co.....	Oats, bran, etc.....	21	90		
Beaudet & Chinic.....	Hardware, paint, glass, etc.....	16	18		
S. Peters	Lumber	37	56		
J. Hamel et freres.....	Glass cloth	5	51		
W. Crawford & Co.....	Cement	5	25		
S. Bédard	Stove plates.....	4	25		
Fisher & Blouin.....	Horse blanket and roller	8	00		
G. Tanguay.....	Provisions for dépôt	43	50		
				1,016	55
<i>Anticosti, South Point.</i>					
W. Carter	12 months salary as Light-keeper.....	\$637	00		
do	do superannuation tax.....	13	00		
do	Painting, wood repairs, ladders, etc.....	65	00		
E. Chanteloup.....	Lamps, circular burners, etc.....	92	00		
Beaudet & Chinic.....	Hardware, paint, glass, etc.....	241	00		
S. Peters	Shingles, pine, etc.....	111	48		
J. Hamel et freres.....	Glass cloth	87	25		
Audet & Robitaille.....	Rope, cotton duck, etc.....	4	43		
G. Lamontagne.....	Clock	13	58		
B. Leonard	Wall paper.....	6	00		
J. & W. Reid.....	Tarred felt	3	00		
S. Bedard	Stovepipes, etc.....	4	80		
Henry Black.....	Castings	9	10		
				2	00
				1,204	64
				1,731	50
Carried forward					

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

		\$ cts.	\$ cts.
	Brought forward	1,204 64	1,731 50
	<i>Fog Whistle.</i>		
W. Carter.....	12 months salary as Engineer.....	250 00	
do	110 cords wood at \$3.....	330 00	
G. T. Phillips	Inspirator, valves, etc	151 15	
			1,935 79
	<i>Anticosti, South-West Point.</i>		
E. Papé	12 months salary as Light-keeper.....	\$795 00	
do	do superannuation tax.....	5 00	
		800 00	
S. Bedard	Lamps, stovepipes, etc	152 53	
T. Routier.....	Making cart, etc	20 90	
C. Vezina	Holdfasts	19 60	
M. Peters	Lumber	7 30	
J. Hamel et frères.....	Glass cloth	5 51	
Beaudet & Chinié.....	Hardware, glass, washers, etc.....	25 69	
E. Giroux et frères.....	Medicine.....	21 69	
Audet & Robitaille.....	Rope	10 78	
J. B. Renaud & Co.....	Oats, bran, etc.....	21 90	
Fisher & Blouin.....	Horse collar.....	6 00	
A. Pelletier et fils.....	Lime.....	3 00	
Renaud & Co.....	Lamps	3 00	
G. Tanguay	Provisions for depot.....	67 00	
			1,164 92
	<i>Anticosti, West Point.</i>		
A. Malouin.....	12 months salary as Light-keeper.....	\$595 00	
do	do superannuation tax.....	5 00	
		600 00	
do	Repairing boat, etc	45 00	
Beaudet & Chinié.....	Hardware, paint, etc	46 20	
J. B. Renaud & Co.....	Oats, bran, hay, etc	61 83	
E. Cazeau.....	Wheels and axles.....	20 80	
S. Peters	Lumber	42 42	
T. Parent.....	Punchions	16 75	
Audet & Robitaille.....	Rope, canvas, etc.....	24 15	
G. T. Phillips	Gun vents	12 00	
S. Bédard	Stove pipes and repairs.....	8 55	
X. Kennedy	100 lbs. powder	18 00	
Fisher & Blouin.....	Horse blanket	5 50	
J. Hamel et frères.....	Glass cloth and curtains.....	12 01	
G. Lamontagne.....	Clock.....	3 50	
E. Giroux et frères.....	Medicines, grass-seeds, etc.....	36 28	
T. Houghton	Horse-shoes	2 40	
A. Pelletier et fils.....	Lime.....	3 00	
A. Malouin	Repairs to lighthouse, as per agreement	100 00	
G. Tanguay.....	Provisions for depot	113 50	
J. Shea & Bros.....	Salt do	3 00	
			1,174 89
	<i>Baie St. Paul.</i>		
H. Tremblay	12 months salary as Light-keeper	\$197 48	
do	do superannuation tax	2 52	
		200 00	
do	Painting Lighthouse.....	12 00	
do	Repairing boat, doors, etc.....	39 00	
do	Fuel, 1882-83.....	30 00	
T. Parent	Water barrels	10 25	
Beaudet & Chinié.....	Grindstone and tools	9 25	
E. Giroux et frères.....	Medicine.....	3 70	
A. Pelletier et fils.....	Lime.....	1 50	
J. Hamel et frères.....	Glass cloth	1 51	
			307 21
	Carried forward		6,314 31

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

		\$ cts.	\$ cts.
Brought forward			6,314 31
<i>Bellechasse.</i>			
J. Bte. Galibois.....	12 months salary as Light-keeper.....	\$316 00	
do	do superannuation tax.....	4 00	
		320 00	
do	Fuel, 1882-83, \$10; flat boat, \$11.03.....	21 03	
J. Hamel et frères.....	Glass cloth, etc.....	2 42	
		343 45	
<i>Belle Isle.</i>			
M. Colton	12 months salary as Light-keeper.....	\$844 36	
do	do superannuation tax.....	6 24	
		850 60	
do	Making road as per agreement.....	200 00	
do	Board of carpenters repairing tower	86 40	
T. Routier	Pay-list, men repairing tower	294 40	
T. Parent.....	Barrelling coals	83 25	
C. Vezina.....	Grips, hooks, etc	15 97	
J. B. Renaud & Co.....	Hay, oats and bran	98 15	
S. Peters.....	Lumber for repairs	104 31	
Beaudet & Chinic.....	Hardware, paint, etc	105 99	
J. Hamel et frères.....	Glass cloth and curtains.....	12 04	
E. Morin.....	Landing stores.....	25 20	
Fisher & Blouin.....	Horse blanket, halter and reins	16 30	
T. Houghton.....	Horse-shoes	4 80	
G. M. Webster & Co.....	3 tons coals, at \$7.....	21 00	
Audet & Robitaille	Halyards, bunting and canvas	9 18	
R. Turner.....	Landing stores	8 80	
G. Lamontagne	Clock and repairs	8 57	
Renaud & Co.....	Chimneys.....	3 33	
S. Bédard	Tin.....	1 80	
		1,919 98	
<i>Bicquette.</i>			
E. Parent	12 months salary as Light-keeper.....	\$591 40	
do	do superannuation tax.....	5 60	
		600 00	
do	Fuel, 1882-83.....	24 00	
do	Paid labor placing carronnade.....	29 50	
J. Hamel et frères.....	Glass cloth	7 23	
T. Parent.....	Water barrels	10 25	
S. Bédard.....	Lamps and repairs.....	111 40	
G. T. Phillips.....	Ventilators.....	19 20	
E. Bérubé.....	Repairing boat.....	3 55	
Renaud & Co.....	Lantern, chimneys and wicks	2 90	
Audet & Robitaille.....	Blocks	1 75	
		809 78	
<i>Bird Rocks.</i>			
T. Turbide.....	12 months salary as Light-keeper.....	\$1,288 00	
do	do superannuation tax.....	12 00	
		1,300 00	
do	Board of carpenters repairing tower	108 00	
T. Routier.....	Pay list, labour repairing tower.....	507 00	
S. Peters.....	Lumber	185 66	
Audet & Robitaille.....	Rope, canvas, etc.....	101 79	
Beaudet & Chinic.....	Hardware, sheet iron, etc.....	58 94	
J. Turner.....	Landing stores.....	59 40	
T. Parent.....	Barrelling coal.....	72 10	
J. Hamel et frères.....	Glass cloth.....	6 43	
O. Simard.....	Grate.....	4 50	
G. M. Webster & Co.....	Cement.....	4 00	
Carried forward		2,407 82	9,417 52

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

		\$	cts.	\$	cts.
	Brought forward.....	2,407	82	9,417	52
	<i>Bird Rocks—Concluded.</i>				
C. Veziua.....	Chimney, etc.....		19 10		
J. Marmen.....	1 cord wood.....		3 50		
G. T. Phillips.....	Rubber packing.....		12 65		
J. N. Arseneau.....	Freight on supplies.....		30 00		
Renaud et Cie.....	Lantern and wicks.....		1 70		
				2,474	77
	<i>Brandy Pots.</i>				
A. Richard.....	12 months salary as Light-keeper.....	\$395	00		
do.....	do superannuation tax.....		5 00		
				460	00
do.....	Fuel 1882-83, \$20 00; paid for stove, \$10.00; carpenters' repairs, \$5.75.....		35 75		
do.....	Provisions for carpenters.....		24 76		
T. Routier.....	Pay list, labour repairing tramway.....		144 00		
S. Peters.....	Lumber.....		146 25		
S. Bedard.....	Stove.....		14 50		
Beaudet & Chinic.....	Nails, spikes, etc.....		5 06		
Audet & Robitaille.....	Oars.....		6 00		
J. Hamel et frère.....	Glass cloth.....		2 42		
				778	74
	<i>Cape aux Ois.</i>				
J. Sayard.....	12 months salary as Light-keeper.....	\$197	48		
do.....	do superannuation tax.....		2 51		
				260	00
do.....	Fuel 1882-83.....		20 00		
S. Bédard.....	Stove, pipe, etc.....		27 10		
Renaud et Cie.....	Lamps, chimneys and wicks.....		2 90		
J. Hamel et frères.....	Glass cloth.....		2 31		
Beaudet & Chinic.....	Buckets and glue.....		1 20		
				253	51
	<i>Cape Bauld.</i>				
Alex. St. Laurent.....	9 months salary as Light-keeper.....		600 00		
do.....	Hay.....		20 60		
S. J. Shaw & Co.....	Hardware, portable forge, etc.....		251 74		
Beaudet & Chinic.....	Paint, leather, axes, spikes, etc.....		154 93		
J. B. Dutel.....	Boat.....		45 00		
T. Routier.....	Pay list, labour, bolts, swivels, etc.....		47 55		
T. Houghton.....	Horse shoes and tools.....		9 60		
O. Simard.....	Stove and pipe.....		24 90		
S. Bédard.....	Lamps and chimneys.....		12 80		
J. B. Renaud et Cie.....	Oats, bran and hay.....		81 72		
J. Marmen.....	Sleigh.....		12 00		
R. Blakiston.....	Boat sails.....		16 00		
G. Lamontagne.....	Clocks.....		13 00		
Fisher & Blouin.....	Harness and blankets.....		22 10		
E. Giroux et frères.....	Medicine.....		25 10		
T. Parent.....	Water barrels.....		10 25		
J. Lynch.....	Tackle for engine.....		10 00		
Audet & Robitaille.....	Chain, canvas, etc.....		13 19		
R. Raymond.....	Landing stores.....		26 20		
J. Hamel et frères.....	Glass cloth.....		4 43		
J. Dunn.....	Tallow.....		5 00		
	<i>Fog-Whistle.</i>				
G. T. Phillips.....	Inspirator, valve, gauge, etc.....		231 88		
J. Marmen.....	1 cord wood.....		3 15		
				1,640	39
	Carried forward.....			12,924	54

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

		\$ cts.	\$ cts.
	Brought forward	1,610 39	12,924 54
	<i>Fog-Whistle—Concluded.</i>		
Noonan & Davis.....	115½ tons coal at \$2.30.....	\$265 65	
do	Paid on account of freight.....	100 00	
do	Commission.....	6 64	
		372 29	2,012 68
	<i>Cape Despair.</i>		
John Beck.....	12 months salary as Light-keeper.....	\$395 00	
do	do superannuation tax.....	5 00	
		400 00	
do	Fuel 1882-83.....	20 00	
do	Paid for repairing Light-house and road.....	29 00	
Audet & Robitaille.....	Canvas and halyards.....	13 60	
Renaud et Cie.....	Lamps and chimneys.....	11 15	
J. Hamil & Bro.....	Glass cloth.....	2 42	
A. Fraser & Co.....	Freight of supplies.....	2 35	
Beaudet & Chinic.....	Whiting and brush.....	1 44	
			479 96
	<i>Cape Chatte.</i>		
T. Coté.....	12 months salary as Light-keeper.....	\$296 24	
do	do superannuation tax.....	3 76	
		300 00	
do	Fuel, 1882-83	20 00	
S. Bédard	Stove-pipe, etc.....	19 30	
S. Peters.....	Lumber.....	19 20	
J. Hamel et frères.....	Glass cloth	3 22	
T. Parent	Water barrels.....	5 25	
A. Pelletier et fils.....	Lime	1 50	
T. Coté.....	Paid for postage.....	2 35	
	<i>Cape Chatte (Fog-Horn.)</i>		
S. Dion.....	12 months salary as Engineer	\$345 60	
do	do superannuation tax.....	4 40	
		350 00	
do	Allowance for house rent to 31st May, 1883.....	60 00	
do	Paid for sawing and splitting wood.....	37 50	
B. Roy	80 cords maple, at \$3 60.....	289 00	
do	20 cords tamarac, at \$2.70.....	54 00	
G. T. Phillips.....	Steam valves.....	12 00	
S J. Shaw & Co.....	Stocks and dies.....	39 40	
			1,211 72
	<i>Cape Magdalen.</i>		
G. Lavergne.....	12 months salary as Light-keeper.....	\$296 24	
do	do superannuation tax.....	3 76	
		300 00	
do	Fuel, 1882-83.....	25 00	
do	Paid for postages, etc.....	3 75	
do	Cart.....	6 00	
W. Carter.....	Skiff.....	14 00	
Audet & Robitaille.....	Ensign and bunting	34 57	
E. Chanteloup	Oil cups and burners.....	64 55	
E. Giroux et frères	Medecines	9 85	
Beaudet & Chinic.....	Hardware.....	9 52	
E. Cazeau.....	Wheels and axles.....	20 80	
Renaud et Cie	Lamps, chimneys and wick	3 90	
J. Hamel et frères	Glass cloth	2 97	
			494 91
	Carried forward		17,123 81

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

		\$ cts.	\$ cts.
Brought forward.....			17,123 81
<i>Cape Gaspé.</i>			
C. D. Esnouf.....	12 months salary as Light-keeper.....	\$395 00	
do	do superannuation tax.....	5 00	
do	Repairing road.....		400 00
T. Routier.....	Pay-list of labour on powder magazine, ladders, etc		34 25
S. Peters.....	Lumber.....		44 47
J. Hamel et frères.....	Glass cloth.....		80 86
Beaudet & Chinic.....	Hardware, bricks, etc.....		2 97
Audet & Robitaille.....	Canvas, tacks, etc.....		14 07
S. Bédard.....	Stove, pipe, etc.....		18 80
F. Chanteloup.....	Glass.....		12 75
Jos. Eden.....	Horse hire.....		13 00
J. M. Tardif.....	Ladder.....		10 00
X. Kennedy.....	Removing carronnade and shed.....	\$175 00	
do	Temporary shed.....	25 00	
			207 00
Renaud et Cie.....	Lamp and chimney.....		1 05
A. Fraser & Co.....	Freight of supplies.....		3 25
<i>Fog-Alarm.</i>			
C. D. Esnouf.....	12 months salary as Engineer.....		400 00
do	Paid for labour repairing boiler.....		46 50
Hy. Hicks.....	do do.....		125 50
E. Robert.....	Wall for water pipe.....		90 00
do	12 cords wood, at \$5.50.....		66 00
Hy. Black.....	Castings.....		2 00
J. Boudreau.....	Freight on 50 tons coal, at \$3.....	\$150 00	
do	do 5½ do \$1.50.....	81 00	
			231 00
G. T. Phillips.....	Packing.....		5 00
Noonan & Davies.....	10½ tons coal, at \$2.30.....	\$240 35	
do	Commission.....	6 00	
			246 35
Jno Fish.....	Wooden water pipes, etc.....		38 78
C. Vezina.....	Screw-bolts and Tools.....		15 10
Beaudet & Chinic.....	Boiler plates, steel, etc.....		35 04
S. J. Shaw & Co.....	Tube expander, taps and dies.....		64 75
			2,203 99
<i>Cape Norman.</i>			
Hy. Locke.....	12 months salary as Light-keeper.....	\$493 72	
do	do superannuation tax.....	6 28	
do	Fuel, 1882-83.....		500 00
S. Bédard.....	Stove-plate, grate and repairs.....		60 00
Audet & Robitaille.....	Chain.....		23 79
T. Parent.....	Empty barrels.....		22 40
E. Giroux et frère.....	Medicines.....		14 00
S. Peters.....	Lumber.....		12 00
Beaudet & Chinic.....	Axes, nails, etc.....		6 87
J. Hamel et frère.....	Glass cloth.....		6 51
			7 67
			653 24
<i>Cape Ray.</i>			
R. Rennie.....	12 months salary as Light-keeper.....	\$583 00	
do	do superannuation tax.....	12 00	
do	Fuel, 1882-83, \$40; boat, \$20.....		600 00
do	Paid labour at coals and repairs.....		60 00
			30 60
			690 60
Carried forward.....			19,981 04

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

		\$	c'ts.	\$	c'ts.
Brought forward		690	60	19,981	04
<i>Cape Ray—Concluded.</i>					
Beaudet & Chinic	Hardware, paint, etc.....	44	60		
Audet & Robitaille... ..	Flag, rope and canvas.....	51	55		
F. Bourgoung.....	Horse, \$90; blankets, shoeing, etc, \$8	98	00		
Fisher & Blouin.....	Harness.....	14	00		
T. Houghton.....	Horse shoes.....	3	60		
J. B. Renaud et Cie.....	Oats, bran and hay.....	25	43		
E. H. Rennie.....	Repairing building.....	55	00		
S. Peters.....	Lumber.....	28	94		
S. Bédard.....	Repairing lamps	15	80		
G. Lamontagne.....	Clock	6	00		
Renaud et Cie.	Chimneys and wicks	6	90		
A. Pelletier et fils	Lime.....	3	00		
E. Leonard.....	Wall paper.....	2	40		
C. Vezina.....	Labour making chimney top.....	11	50		
E. Giroux et frères	Medicine.....	9	10		
J. Dunn.....	Soap	3	00		
J. Hamel et frères	Glass cloth.....	4	79		
<i>Fog-Whis'le.</i>					
R. Rennie.....	12 months salary as Engineer.....	400	00		
Noonan & Davies.....	55 tons coal, at \$2.30.....	\$126	50		
do	Commission	3	16		
		129	66		
M. Gillan.....	Freight, 55 tons coal, at \$3.....	165	00		
G. T. Phillips	Water-gauge, glasses, etc.....	4	80		
		1,770	67		
<i>Cape Rosier.</i>					
A. Trudeau.....	12 months salary as Light-keeper.....	\$795	00		
do	do superannation tax.....	5	00		
do	Fuel, 1882-83.....	800	00		
do	Board of carpenters, repairing tower.....	143	50		
do	Paid for postage.....	3	00		
S. Peters.....	Lumber.....	9	8	98	
W. H. Crawford & Co.....	Bricks and cement.....	208	65		
T. Routier.....	Pay-list, labour clapboarding tower and new roof..	789	00		
do	do coal-shed and engine-house.....	39	25		
J. Sullivan	Water-tanks.....	90	00		
G. M. Webster & Co.....	Cement.....	4	00		
E. O'Connor.....	Loading lumber.....	33	00		
S. Bédard.....	Water-spout, etc	16	20		
Renaud et Cie.....	Lamps.....	6	60		
J. Hamel et frères.....	Glass cloth, towelling, etc.....	7	43		
G. T. Phillips.....	Sheet-lead	37	20		
L. Leclerc.....	Junk.....	22	50		
T. Parent.....	Puncheons.....	15	00		
P. Jobin.....	Paid for lumber, labour, freight and travelling ex- penses.....	128	53		
G. Lamontagne.....	Clock.....	3	50		
A. Pelletier et fils	Lime.....	16	50		
E. Cazeau.....	Wheels and axles.....	20	80		
do	Plaster of Paris.....	1	75		
A. Fraser & Co.....	Freight of supplies.....	0	60		
Beaudet & Chinic.....	Paint, glass, saw, etc.....	8	95		
Audet & Robitaille	Halvyard.....	2	00		
		3,369	4		
Carried forward		25,088	63		

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

		\$	cts.	\$	cts.
		Brought forward		25,088 65	
<i>Carleton Point.</i>					
E. Landry	12 months salary as Light-keeper.....	\$296	24		
do	do superannuation tax.....	3	76		
				300	00
do	Fuel, 1882-83.....			20	00
do	Boat			16	00
Audet & Robitaille.....	Chain.....			3	64
J. Hamel et frères.....	Glass cloth			2	24
Beaudet & Chinic.....	Putty			1	00
				342 88	
<i>Chicoutimi Lights and Buoys.</i>					
C. Harvey.....	Salary for season 1882, wharf.....			40	00
Jeremie Marié.....	do range.....			60	00
A. Boudreault.....	do do			60	00
X. Savard	do do			60	00
F. Gauthier.....	do do			30	00
Jos. Duperré.....	do do			30	00
O. Lachance.....	do do			30	00
A. Simard.....	do do			30	00
F. Boivin.....	do do			40	00
C. Gagné.....	do do			40	00
Widow O. Tremblay	Freight and cartage of supplies			24	74
do	Storage of oil, etc., \$50; repairs, \$26.82.....			76	82
do	Travelling expenses, paid for freight, etc.....			21	74
W. Warren.....	Placing lights.....			18	30
A. Blanchet.....	Travelling expenses inspecting lights.....			26	50
A. Marmen	do paid for cartage, boat hire, etc.....			23	60
S. Bédard.....	Lanterns, lamps, etc.....			66	50
Renaud & Co.....	Reflectors, chimneys and burners.....			14	65
St. Lawrence Steam Navigation Co.....	Freight			27	81
F. Boivin	Repairs to lantern			2	86
C. Gagné.....	do			1	30
J. Hamel et frères.....	Glass cloth.....			2	88
Beaudet & Chinic.....	Whiting			0	56
A. Sturton.....	Placing and lifting buoys.....			199	50
T. Riverin.....	do buoys.....			20	00
T. Routier.....	Pay-list, ironing buoy			41	35
				989 11	
<i>Crane Island.</i>					
J. Painchaud	12 months salary as Light-keeper.....	\$316	08		
do	do superannuation tax.....	4	00		
				320	00
do	Fuel, 1882-83.....			16	00
Audet & Robitaille.....	Rope, canvas, etc.....			17	93
Beaudet & Chinic.....	Steel.....			8	18
S. Bédard.....	Stove pipes, etc.....			8	80
J. Hamel et frères.....	Glass cloth.....			4	65
Renaud & Co.....	Lamps, chimneys and wicks.....			2	40
				377 96	
<i>Cap à l'Aigle.</i>					
E. Savard.....	Salary for season			40	00
J. Villeneuve.....	Erecting posts for lantern			30	00
Renaud & Co.....	Chimneys			3	00
St. Lawrence Steam Navigation Co.....	Freight of supplies.....			2	15
				75 15	
Carried forward				26,873 75	

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

		\$ cts.	\$ cts.
	Brooght forward		26,873 73
	<i>Eboulements.</i>		
A. Goudreault.....	Salary for season.....	40 00	
M. Tremblay.....	Erecting posts for lantern.....	30 00	
Renaud & Co.....	Chimneys.....	3 00	
St. Lawrence Steam Navigation Co.....	Freight of supplies.....	2 15	75 15
	<i>Egg Island.</i>		
Paul Côté	12 months salary as Light-keeper.....	\$493 72	
do	do superannuation tax.....	6 28	
do	Fuel, 1882-83.....	500 00	
J. B. Dutil.....	Boat.....	60 00	
R. Blakeston	Sails.....	36 00	
P. Côté	Repairing boats.....	54 50	
S. Bédard	Stove pipes, lamps, and repairs.....	36 22	
Renaud & Co.....	Lamps, chimneys, etc.....	24 55	
E. Chanteloup	Crank handle.....	5 25	
E. Giroux et frères.....	Crank handle.....	6 00	
A. Pelletier et fils.....	Medicines.....	8 80	
Beaudet & Chinic.....	Lime.....	3 00	
S. Peters.....	Paint, iron and lock.....	9 59	
J. Hamel et frères.....	Lumber.....	6 45	
W. H. Crawford & Co.....	Glass cloth.....	3 88	
Audet & Robitaille.....	Bricks.....	3 50	
	Halyards.....	1 10	758 84
	<i>Ellis Bay Dépôt.</i>		
R. Setter	12 months salary as Light-keeper.....	\$197 48	
do	do superannuation tax.....	2 52	
G. Tanguay	Provisions.....	200 00	
		49 70	249 70
	<i>Entry Island.</i>		
J. Cassidy.....	12 months salary as Light-keeper.....	\$296 24	
do	do superannuation tax.....	3 76	
do	Fuel, 1882-83.....	300 09	
N. Dixon	Ground rent, 1882.....	20 00	
J. Hamel et frères.....	Glass cloth.....	15 00	
Beaudet & Chinic.....	Paint and iron.....	3 88	
S. Bédard	Stove pipes and repairs.....	3 30	
		9 25	351 43
	<i>Etang du Nord.</i>		
Tim. O'Brien	12 months salary as Light-keeper.....	400 00	
S. Peters.....	Lumber.....	57 99	
J. Leblanc	Right of way.....	8 00	
G. Lamontagne.....	Clock.....	5 00	
S. Bédard.....	Stove, pipe, etc.....	41 70	
Renaud & Co.....	Lamps and chimneys.....	8 25	
Beaudet & Chinic.....	Hardware, wicks, zinc, etc.....	24 16	
J. Hamel et frères.....	Glass cloth.....	2 60	
	<i>Fog-Whistle.</i>		
Tim. O'Brien.....	12 months salary as Keeper.....	400 00	
	Carried forward	947 70	28,308 87

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

		\$ cts.	\$ cts.
	Brought forward	947 70	28,308 87
	<i>Fog-Whistle—Concluded.</i>		
Tim. O'Brien	Fuel, 1882-83.....	100 00	
do	Stowage of coals	13 40	
Noonant & Davies	49½ tons coal, at \$2.30	\$113 85	
do	Commission.....	2 84	
		116 69	
do	Freight of 49½ tons coal, at \$4.00.....	\$198 00	
do	Commission	4 95	
		202 95	
Whitehead & Turner.....	Tube brushes	6 00	
			1,386 74
	<i>Fame Point.</i>		
James Ascah.....	12 months salary as Light-keeper.....	\$295 00	
do	do superannuation tax.....	5 00	
		400 00	
do	Fuel, 1882-83.....	20 00	
do	Clearing land, \$25; stairs, \$50	75 00	
J. Bond.....	Making road	175 00	
E. Cazeau.....	Wheels and axles.....	20 80	
S. Bedard.....	Repairing lamps.....	24 75	
S. Peters.....	Lumber.....	4 52	
J. Hamel et frères	Glass cloth.....	3 70	
Beaudet & Chinic.....	Hardware, paint, whiting, etc.....	8 00	
Audet & Robitaille.....	Halyards and tar	2 55	
			734 32
	<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, 1882-83.....	30 00	
do	Paid carpenters' repairs	7 42	
Renaud & Co.....	Lantern and chimneys.....	10 35	
T. Parent.....	Water casks.....	6 25	
S. Peters.....	Lumber.....	5 76	
J. Hamel et frères	Glass cloth.....	3 88	
S. Bédard.....	Stove pipe.....	6 60	
Audet & Robitaille.....	Halyards.....	1 90	
Carrier, Lainé & Co.....	Stove plates.....	1 68	
Beaudet & Chinic.....	Nails	0 28	
			414 12
	<i>Forteau.</i>		
M. T. Wyatt	12 months salary as Light-keeper	\$493 72	
do	do superannuation tax.....	6 28	
		500 00	
S. Bédard	Stove, boiler and repairs	49 00	
Audet & Robitaille.....	Rope, canvas, etc	152 05	
J. B. Renaud & Co.....	Oats, bran, hay.....	65 35	
Beaudet & Chinic.....	Hardware, paint, steel, etc.....	79 95	
O. Simard	Tinware.....	10 25	
T. Parent	Punchcons	6 50	
A. Pelletier et fils	Lime	4 50	
S. Peters	Lumber	5 40	
Renaud & Co	Lamps, chimneys and burners	12 55	
J. O'Donohoe.....	Repairing telescope.....	4 00	
T. Routier.....	Window frame	10 30	
J. Hamel et frères	Glass cloth.....	4 43	
	Carried forward	904 28	30,844 05

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

		\$ cts.	\$ cts.
	Brought forward.....	904 28	30,844 05
	<i>Fog-Whistle.</i>		
M. T. Wyatt	12 months salary as Engineer.....	300 00	
Convey & Hawkins.....	4 cords wood, at \$2.65.....	10 60	
G. T. Phillips	Solder, emery, etc.....	12 90	
Noonan & Davies	104½ tons coal, at \$2.30.....	\$240 35	
do	Commission.....	6 01	
		246 36	
do	Freight of 104½ tons coal, at \$4	\$418 00	
do	Commission.....	10 45	
		428 45	
Whitehead & Turner.....	Tube brushes.....	6 00	1,908 59
	<i>Gaspé Basin.</i>		
B. Eden	12 months salary as Light-keeper		42 00
	<i>Gaspé Lightship.</i>		
Jno. Ascah.....	12 months salary as Light-keeper	400 00	
Renaud & Co.	Lamps and chimneys	7 20	
Audet & Robitaille.....	Rope and blocks.....	5 80	
J. Joseph.....	Ruby glass.....	2 80	
J. Hamel et frères.....	Glass cloth.....	63	417 43
	<i>Green Island.</i>		
G. W. Lindsay.....	12 months salary as Light-keeper.....	\$853 72	
do	do superannuation tax.....	6 28	
		860 00	
do	Paid repairs to tower.....	27 45	
S. Peters	Lumber.....	25 00	
Beaudet & Chinic.....	Hardware, zinc, etc.....	14 62	
Audet & Robitaille.	Rope and oars.....	13 52	
E. Giroux et frères.....	Medicines.....	4 55	
J. Hamel et frères.....	Glass cloth.....	4 43	
G. Lamontagne.....	Repairing clock.	1 50	951 07
	<i>Greenly Island.</i>		
L. C. de Beaumont.....	12 months salary as Light-keeper.....	\$595 00	
do	do superannuation tax.	5 00	
		600 00	
do	Painting and repairs.....	75 80	
P. Murphy.....	Boat.....	40 00	
J. B. Renaud & Co.....	Oats and hay.....	50 49	
Audet & Robitaille.....	Rope.....	14 28	
J. Hamel et frères.....	Glass cloth	4 79	
E. Giroux et frères.....	Medicines	9 83	
Renaud & Co.	Lamps and chimneys	7 60	
J. O. Donohoe.....	Repairing telescope.....	4 00	
J. & W. Reid.....	Tarred felt.....	3 80	
Beaudet & Chinic.....	Zinc, soda, etc	3 45	
Noonan & Davies.....	60½ tons coal, at \$2.30, \$139.15; Commission, \$3.47	142 62	
do	Freight on 60½ tons coal at \$4.00, \$242.00; commission, \$6.05	248 05	
			1,204 58
	Carried forward		35,367 82

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

		\$ cts.	\$ cts.
Brought forward			35,367 82
<i>Kamouraska.</i>			
T. R. Desjardins.....	12 months salary as Light-keeper.	\$395 00	
do	do superannuation tax.....	5 00	
do	Fuel, 1882-83, \$25.00; repairs to boat, \$9.73		400 00
Audet & Robitaille.....	Chain and pulleys		34 73
Renaud & Co.....	Lamps, chimneys and wicks		17 10
J. Hamel et frères.....	Glass cloth		3 00
			2 78
457 61			
<i>Lark Islet.</i>			
P. Boulianne.....	12 months salary as Light-keeper.	\$196 85	
do	do superannuation tax.....	2 52	
do	Fuel, 1882-83.....		199 37
do	Repairing boat		30 00
do	Postage, etc.....		50 00
Audet & Robitaille.....	Canvas, rope, etc.....		3 30
W. M. McDonald.....	Wall paper		23 39
B. Leonard.....	do		3 75
St. Lawrence Steam N. Co	Freight and passages of workmen, etc		3 00
S. Bédard	Lamps and chimneys.....		f8 13
Renaud & Co.....	do do		9 25
E. Giroux et frères.....	Medicines.....		6 40
Beaudet & Chénic.....	Files and iron.....		7 65
T. Parent	Water barrels		13 58
J. Hamel et frères.....	Glass cloth		7 25
			2 24
<i>Fog Horn.</i>			
P. Boulianne	12 months salary as Engineer		200 00
do	Board of Engineer.....		43 00
G. T. Phillips	Packing, lead, brass, etc		93 01
J. E. Kane.....	Repairing boiler.....		63 40
S. J. Shaw & Co.....	Stocks and dies		40 80
J. Boulianne.....	72 cords of wood at \$2.92.....		210 24
Carrier, Lainé & Co.....	6 tongues for reeds.....		30 00
Jno. Dunn	Tallow.....		6 50
G. T. Phillips.....	Lubricator.....		8 80
P. Soulianne.....	Iron.....		1 00
1,114 06			
<i>Lower Traverse.</i>			
Isaac Gourdeau	Balance contract 1882.....		1,700 00
do	Account do 1883.....		600 00
J. Hamel et frères.....	Glass cloth		2 97
R. Blakiston.....	Code signals.....		75 00
T. Routier.....	Flag staff.....		143 86
E. Giroux et frère.....	Medicines		8 05
Audet & Robitaille.....	Rope		43 56
J. Blais.....	Wintering.....		40 00
St. Lawrence Steam Navigation Co.....	Towage.....		25 00
Hy. Wilson.....	Watching.....		121 00
J. Baldwin.....	Deck plugs.....		3 00
S. Bédard.....	Lantern repaired, lamps, etc.....		45 00
Renaud et Cie.....	Lamps and chimneys.....		9 40
J. Dunn.....	Potash.....		17 00
A. Bernier.....	Repairs and outfit.....		26 40
S. Peters.....	Lumber.....		11 80
O. Simard.....	Tinware.....		19 75
Carried forward		2,891 79	36,939 49

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

		\$ cts.	\$ cts.
	Brought forward.....	2,891 79	36,939 49
<i>Fog-Whistle.</i>			
G. T. Phillips.....	Rubber hose, packing, valve, etc.....	367 31	
F. Gunn.....	25 tons coal, at \$4.60.....	115 00	
S. J. Shaw & Co.....	Packing, stocks and dies.....	59 63	
A. Bernier.....	Repairing engine.....	100 80	
C. Vezina.....	Bolts and tools.....	10 40	
Hy. Black.....	Pipes.....	10 75	
E. Tremblay.....	2½ cords of wood, at \$3.20.....	7 20	
J. Robinson.....	Cartage of coal.....	7 80	
E. O'Connor.....	Coaling.....	18 00	
T. G. Gagnon.....	26½ cords of wood at \$2.50.....	\$66 25	
do.....	do.....	45 50	
do.....	do.....	21 25	
		133 00	3,721 68
<i>Martin River.</i>			
J. Gauthier.....	12 months salary as Light-keeper.....	\$296 24	
do.....	do superannuation tax.....	3 76	
do.....	Fuel 1882-83.....	300 00	
do.....	Repairs to Lighthouse, etc.....	25 00	
S. Peters.....	Lumber.....	46 71	
E. Giroux et frères.....	Medicines.....	56 10	
Audet & Robitaille.....	Ensign.....	9 15	
C. Rioux.....	Freight of lumber, powder, etc.....	8 00	
J. & W. Reid.....	Tarred felt.....	5 59	
J. Hamel et frères.....	Glass cloth.....	5 00	
Beaudet & Chinic.....	Nails, tacks, etc.....	3 88	
A. Fraser & Co.....	Freight of coal oil, etc.....	3 18	
A. Pelletier et fils.....	Lime.....	2 00	
		1 50	466 11
<i>Maquereau Point.</i>			
A. Bertrand.....	12 month salary as Light-keeper.....	\$296 24	
do.....	do superannuation tax.....	3 76	
do.....	Fuel 1882-83.....	300 00	
do.....	Painting, \$20; repairs to stove, ladders etc., \$17; clearing land, \$12.....	20 00	
do.....	Making road and clearing bush.....	49 00	
E. Chanteloup.....	Glass.....	154 40	
S. Bédard.....	Stove, pipe, etc.....	25 50	
A. Fraser & Co.....	Freight of supplies, etc.....	18 00	
E. Giroux et frère.....	Medicines.....	4 40	
Beaudet & Chinic.....	Hardware, putty, etc.....	11 45	
J. Hamel et frères.....	Glass cloth.....	4 60	
Audet & Robitaille.....	Halyard.....	2 42	
Renaud et Cie.....	Lamps.....	1 80	
		3 25	594 82
<i>Manicouagan Lightship.</i>			
Capt. R. Leblanc.....	Balance of contract for season of 1882.....	2,150 00	
do.....	Account do 1883.....	650 00	
J. Wright & Co.....	Anchor.....	245 80	
R. Blakiston.....	Sails.....	160 19	
Audet & Robitaille.....	Oakum, rope, etc.....	114 89	
G. T. Davie.....	Wintering in dock.....	\$200 00	
do.....	Repairing hull and painting.....	298 48	
		498 48	
	Carried forward.....	3,819 36	41,722 10

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

		\$ cts.	\$ cts.
	Brought forward	3,819 36	41,722 10
<i>Manicouagan Lightship—Concluded.</i>			
J. Baldwin	Sheaves	23 00	
T. N. Tweddell	Towage	22 50	
W. T. Davie	do	10 00	
R. Blakiston	Code of signals	71 50	
Allan, R. & Co.	Freight of anchors	26 95	
S. Bédard	Repairing lamps	12 80	
J. Dunn	Potash	17 00	
S. Peters	Lumber	6 40	
E. Giroux et frères	Medicines	7 15	
M. E. Fitzhenry	Mending flags	1 50	
A. Pelletier et fils.	Lime	1 50	
J. Hamel et frères.	Glass cloth	2 97	
<i>Fog-Whistle.</i>			
G. T. Phillips	Deck hose, brass valve, etc	114 60	
F. Gunn	35 tons coal, at \$4 60	161 00	
R. Leblanc	Paid for 76 cords wood, at \$2.50	190 00	
S. J. Shaw & Co.	Rubber packing, etc.	45 00	
C. Vezina	Bolts and tools	12 20	
W. Stephens	Coaling	12 00	
J. Dunn	Tallow	7 54	
G. T. Davie	Repairing engine	79 20	
Carrier, Lainé & Co.	do boiler, engine and whistle	1,057 42	5,701 59
<i>Matane.</i>			
O. Desjardins	12 months salary as Light-keeper ..	\$246 88	
do	do superannuation tax	3 12	
do	Fuel, 1882-83, \$20 ; repairs to lighthouse, \$13.87 ..	250 00	
G. Pelletier	Building addition to house	33 87	
Audet & Robitaille	Flag, oars, blocks, etc	220 00	
S. Bédard	Flag, oars, blocks, etc	23 90	
S. Bédard	Lamps and repairs	11 00	
E. Giroux et frères	Medicines	6 85	
N. St. Pierre	Freight of stove	6 00	
J. Hamel et frères.	Glass cloth	2 42	553 84
<i>Metis</i>			
Jules Martin	12 months salary as Light-keeper	\$296 24	
do	do superannuation tax	3 76	
do	Fuel, 1882-83, \$20 ; horse keep, \$20	300 00	
P. Portugais	Repairing roof	40 00	
Beaudet & Chinic	Canada plates, paints and nails	44 00	
Renaud et Co	Canada plates, paints and nails	51 22	
J. Hamel et frères.	Lamps, chimneys, etc	3 20	
J. Hamel et frères.	Glass cloth	2 42	
J. Martin	Repairs to Lighthouse	4 28	445 12
<i>Montée du Lac.</i>			
E. Simard	12 months salary as Light-keeper	\$345 60	
do	do superannuation tax	4 40	
do	Fuel, 1882-83	350 00	
do	Fuel, 1882-83	30 00	
S. Bédard	Lamps and repairs	6 25	
E. Giroux et frères	Lamps and repairs	6 25	
J. Hamel et frères.	Medicines	3 50	
J. Hamel et frères.	Glass cloth	2 42	
	Carried forward	392 17	48,422 65

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

		\$ cts.	\$ cts.
	Brought forward	392 17	48,422 65
	<i>Monsée du Lac—Concluded.</i>		
Audet & Robitaille.....	Bunting.....	3 60	
W. M. McDonald.....	Wall papers	1 88	397 65
	<i>Montmagny.</i>		
P. Jobin.....	Building shed and post	73 95	
do	Placing lamps	17 51	
Beaudet & Chinic.....	Paint, locks and hinges	4 15	
Audet & Robitaille.....	Blocks.....	2 81	98 42
	<i>Murray Bay.</i>		
E. Maltais.....	Salary for season 1882.....	40 00	
J. Villeneuve	Erecting post for lantern.....	30 00	
Renaud & Co.	Chimneys	3 00	
St. Lawrence Steam Navigation Co	Freight of supplies	2 15	75 15
	<i>Oak Point.</i>		
M. Geraghty.....	12 months salary as Light-keeper.....	100 00	
J. Hamel et frères	Glass cloth.....	0 96	100 96
	<i>Isle aux Coudres.</i>		
H. Pednault	Salary for season 1882	40 00	
do	Erecting post for lantern	30 00	
Renaud & Co.	Chimneys	3 00	
St. Lawrence Steam Navigation Co	Freight of supplies.....	2 15	75 15
	<i>Paspébiac.</i>		
Jno. Loisel.....	12 months salary as Light-keeper.....	\$148 12	
do	do superannuation tax.....	1 88	
do	Fuel, 1882-83, \$20.00; allowance for blowing fog horn, \$30.00.....	150 00	
do	Paid labor for placing lamps	50 00	
S. Bédard.....	Galvanized pipes, repairs, etc	7 90	
Beaudet & Chinic.....	Bar iron	23 80	
C. Yezina	Pay-list, labor on iron work	13 30	
Le Boutillier, Bros	Placing and raising buoy	13 80	
J. Joseph.....	Placing and raising buoy	15 00	
Hamel et frères.	Ruby glass.....	11 80	
Courrier de Maskinongé	Glass cloth.....	2 42	
A. Fraser & Co.	Advertising tenders for new light	3 50	
	Freight of supplies.....	0 50	292 02
	<i>Percé.</i>		
C. Bourget	12 months salary as Light-keeper.....	125 00	
do	Fuel, 1882-83, \$25.00; postage, \$1.47.....	26 47	
do	Allowance for blowing fog horn.....	40 00	
do	Painting lighthouse.....	10 50	
S. Bédard	Galvanized pipe, repairs, &c	15 20	
A. Fraser & Co.....	Freight on supplies.....	9 05	
Renaud & Co.....	Lamps and chimneys	3 20	
J. Hamel et frères.....	Glass cloth.....	2 42	
Beaudet & Chinic.....	Loak, putty, etc	1 05	232 89
	Carried forward		49,694 89

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

		\$	cts.	\$	cts.
Brought forward.....				49,694	89
<i>Pilgrims.</i>					
D. Desjardins.....	12 months salary as Light-keeper.....	\$335	76		
do	do superannuation tax.....		4 88		
				340	64
do	Allowance for fuel and water, 1882-83.....			63	00
do	Canoe and repairs to boat.....			35	96
Audet & Robitaille.....	Rope.....			13	86
J. Hamel et frères.....	Glass cloth.....			2	42
A. Pelletier et fils.....	Lime			2	00
					462 88
<i>Pillars.</i>					
D. Babin	12 months salary as Light-keeper.....	\$444	40		
do	do superannuation tax.....		5 60		
				450	00
do	Fuel, 1882-83, \$25.00; repairing boat, \$8.50.....			33	50
do	Building breakwater.....			175	00
S. Peters.....	Lumber.....			11	88
Audet & Robitaille.....	Rope, oars, etc			9	20
J. Hamel et frères.....	Glass cloth.....			7	02
Beaudet and Chicnic.....	Bar iron.....			2	93
T. Parent	Water keg.....			1	25
					690 78
<i>Point de Monts.</i>					
L. F. Faffard	12 months salary as Light-keeper.....	\$695	00		
do	do superannuation tax.....		5 00		
				700	00
do	Repairing tower, rope, etc.			171	50
do	Board of carpenters, \$366.00; building bridge, \$50.			416	00
S. Peters.....	Lumber.....			722	41
T. Routier.....	Pay-list, repairing tower, new gun shed, etc.....			975	00
S. Bédard	Lanterns, tinware, etc			125	75
Renaud & Co.....	Lamps, chimneys and burners.....			10	40
Beaudet & Chicnic.....	Hardware			140	92
E. Giroux et frère.....	Medicines			13	55
W. M. McDonald.....	Wall paper.....			3	75
J. B. Renaud & Co.....	Oats, bran, hay, etc.			51	04
Fisher & Blouin.....	Horse blankets			5	50
E. Cazeau.....	Sleigh			21	00
T. Houghton	Horse shoes.			3	60
G. T. Phillips.....	Sheet lead			19	35
C. Vezina	Holdfasts			24	42
W. H. Crawford & Co.....	Cement			5	00
G. Lamontagne.....	Clock.....			6	00
T. Parent	Water barrels			3	50
G. M. Webster & Co.....	Cement.....			8	00
Audet & Robitaille.....	Canvas and boat compass.....			37	10
A. Fraser & Co.	Freight of lumber.....			12	35
Geo. Picard	do			25	00
J. Hamel et frères.....	Glass cloth.....			10	03
J. B. Mercier.....	Paid for passage of carpenters.....			12	00
Geo. Tanguay	Seed peas			7	00
					3,530 17
<i>Point Rich.</i>					
F. Lemieux.....	12 months salary as Light-keeper.....	\$595	00		
do	do superannuation tax.....		5 60		
				600	60
do	Fuel, 1882-83, \$60; boat, \$20.....			80	00
do	Making drain, tank, etc., \$23; and board of carpenters, \$11			34	00
					714 60
Carried forward				54,378	72

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

		\$	cts.	\$	cts.
Brought forward.....		714	60	54,378	72
<i>Point Rich—Concluded.</i>					
S. Peters.....	Lumber.....	34	57		
J. Hamel et frères.....	Glass cloth and curtains.....	13	85		
Beaudet & Chinic.....	Hardware, glass, etc.....	10	91		
S. Bédard.....	Stove pipe, boiler, etc.....	6	30		
Renaud et Cie.....	Lantern.....	2	00		
				782	23
<i>Point aux Orignaux.</i>					
J. H. Beaulieu.....	12 months salary as Light-keeper.....	\$246	88		
do.....	do superannuation tax.....	3	12		
		250	00		
do.....	Fuel, 1882-83.....	12	00		
J. Hamel et frères.....	Glass cloth.....	1	87		
				263	87
<i>Point St. Laurent.</i>					
E. Chabot.....	12 months salary as Light-keeper.....	\$296	24		
do.....	do superannuation tax.....	3	76		
		300	00		
do.....	Painting light-house.....	10	00		
S. Bédard.....	Swing head and stove pipe.....	5	30		
J. Hamel et frères.....	Glass cloth.....	5	22		
Beaudet & Chinic.....	Whiting.....	0	28		
				320	80
<i>Point St. John.</i>					
Chas. Langlois.....	12 months salary as Light-keeper.....	\$296	24		
do.....	do superannuation tax.....	3	76		
		300	00		
do.....	Fuel, 1882-83, \$16; repairing tower, \$12; and cartage, \$3.....	31	00		
S. Peters.....	Lumber.....	25	00		
J. Hamel et frères.....	Glass cloth.....	2	49		
J & W. Reid.....	Tarred felt.....	1	72		
Beaudet & Chinic.....	Nails.....	0	56		
				360	77
<i>Portneuf (Below).</i>					
D. Tremblay.....	12 months salary as Light-keeper.....	\$345	60		
do.....	do superannuation tax.....	4	40		
		350	00		
do.....	Allowance for fuel, \$30; and keep of horse, 1882-83, \$12.....	42	00		
Renaud et Cie.....	Lantern and chimneys.....	3	40		
S. Bédard.....	Stove pipe.....	2	80		
J. Hamel et frères.....	Glass cloth.....	2	42		
Audet & Robitaille.....	Rope.....	1	82		
				402	44
<i>Red Island Lightship.</i>					
L. T. Delisle.....	Balance contract, 1882.....	1,900	00		
do.....	Account contract, 1883.....	500	00		
do.....	Repairs, freight and cartage.....	15	39		
J. Wright & Co.....	Patent anchor (25 cwt.).....	245	81		
R. Blakeston.....	Sails.....	53	95		
Audet & Robitaille.....	Rope, canvas, etc.....	258	28		
St. Lawrence Steam Navigation Co.....	Towage.....	10	00		
Carried forward.....		2,983	43	56,508	83

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

		\$ cts.	\$ cts.
Brought forward		2,983 43	56,508 83
<i>Red Island Lightship—Concluded.</i>			
W. T. Davie.....	Towage.....	10 00	
A. McCallum.....	Repairing compass.....	3 25	
G. T. Davie.....	Wintering in dock.....	\$200 00	
do.....	Repairs to hull.....	312 83	
do.....	Painting, etc.....	143 05	
		655 88	
S. Bédard.....	Repairing lamps.....	34 00	
S. Peters.....	Lumber.....	12 26	
O. Simard.....	Tinware.....	22 15	
M. E. Fitzhenry.....	Mending flags.....	7 20	
T. N. Tweddell.....	Towage.....	22 50	
G. M. Webster & Co.....	Cement.....	4 00	
J. M. Tardif.....	Foot-hooks.....	1 40	
J. Hamel et frères.....	Glass cloth.....	2 97	
<i>Fog-Whistle.</i>			
T. P. Pelletier.....	81½ cords wood, at \$2.75.....	224 82	
G. T. Phillips.....	Packing valve and repairs.....	206 91	
F. Gunn.....	36 tons coal, at \$4.60.....	165 60	
S. J. Shaw & Co.....	Stocks and dies, packing, etc.....	60 65	
C. Vezina.....	Bolts and tools.....	35 70	
Carrier Laine & Co.....	Repairs to engine.....	175 07	
G. T. Davie.....	Outfitting do.....	78 00	
A. J. Turcotte.....	Tube brushes.....	12 00	
W. Stephen.....	Coaling.....	18 00	
		660 00	4,735 79
<i>Red Island Lighthouse.</i>			
Elz. Fraser.....	12 months salary as Light-keeper.....	\$653 72	
do.....	do superannuation tax.....	6 28	
do.....	Repairing boat.....	17 00	
R. Blakiston.....	Sails.....	90 05	
E. Giroux et frères.....	Medicines.....	27 20	
Audet & Robitaille.....	Chain.....	19 90	
S. Bédard.....	Galvanized pipe, kettle, etc.....	6 75	
J. Hamel et frères.....	Glass cloth.....	4 43	
C. Bertrand.....	Repairing boat.....	3 05	
Renaud et Cie.....	Lamps and chimneys.....	2 70	
		831 08	
<i>Rivière du Loup.</i>			
L. T. Puizè.....	Salary for season.....	60 00	
P. Jobin.....	Fixing up lamp.....	29 20	
St. Lawrence Steam Navigation Co.....	Freight of lantern.....	12 82	
L. T. Puizè.....	Oil, chimneys, etc.....	18 00	
		120 02	
<i>St Francis Range.</i>			
J. Lepage.....	12 months salary as Light-keeper.....	75 00	
J. Marceau.....	do do.....	75 00	
do.....	Fuel 1882-83.....	12 00	
J. Lepage.....	do.....	12 00	
do.....	Painting and cartage.....	5 05	
Audet & Robitaille.....	Bunting and halyards.....	5 40	
J. Hamel et frères.....	Glass cloth.....	0 94	
Beaudet & Chinic.....	Putty.....	0 32	
		185 71	
Carried forward			63,381 43

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

		\$	cts.	\$	cts.
	Brought forward.....			62,381	43
<i>Seven Islands.</i>					
F. Arcand.....	12 months salary as Light-keeper... ..	\$495	00		
do	do superannuation tax.....	5	00		
do	Fuel 1882-83.....		500	60	
do	Boat.....		30	00	
do	Sails.....		20	00	
R. Blakiston.....	Sails.....		73	00	
S. Peters.....	Lumber.....		10	00	
E. Giroux et frère.....	Medicines.....		4	20	
J. Hamel et frères.....	Glass cloth.....		3	15	
S. Bédard.....	Stove plates.....		3	25	
Beaudet & Chinic.....	Nails and shovel.....		1	50	
					645 10
<i>Upper Traverse.</i>					
Capt. E. Pelletier.....	Balance, contract 1882.		1,200	00	
do	Account do 1883.....		300	00	
do	Allowance for assistance of two men for 1882.....		80	00	
do	Repairs to hull.....		84	10	
do	Erecting mast.....		18	00	
R. Blakiston.....	Sails.....		195	75	
Audet & Robitaille.....	Ropes, canvas, etc.....		90	20	
S. J. Shaw & Co.....	Packing.....		11	85	
J. Blais.....	Wintering.....		40	00	
J. Mullin.....	Watching.....		121	00	
T. N. Tweddell.....	Towage.....		10	00	
St Lawrence Steam Navigation Co.....	do		10	00	
P. Bedigare.....	Clearing snow.....		19	00	
J. Dunn.....	Potash.....		17	00	
T. Routier.....	Pay list, labour, carpenters' repairs.....		111	99	
E. Giroux et frère.....	Medicines.....		21	40	
O. Simard.....	Tinsmith's repairs.....		9	80	
Renaud et Cie.....	Burners and chimneys.....		13	20	
S. Peters.....	Lumber.....		16	53	
G. Lamontagne.....	Clock.....		4	00	
T. Parent.....	Water barrel.....		4	75	
J. Hamel et frères.....	Glass cloth.....		1	51	
					2,380 08
<i>Buoys and Beacons.</i>					
T. Parent.....	New buoys.....		550	00	
do	Repairs.....		997	69	
C. Vezina.....	Chains, shackles and ironing buoys.....		334	85	
Audet & Robitaille.....	Chain.....		69	96	
Beaudet & Chinic.....	Iron.....		87	27	
J. Eden.....	Placing buoys, Gaspé.....		34	00	
F. X. Cauchon.....	do North Shore, Island Orleans.....		60	00	
Elm. Landry.....	do Carleton.....		25	00	
W. Leslie.....	do Paspebiac.....		5	00	
H. Leblanc.....	do New Richmond.....		26	84	
D. F. de St. Aubin.....	do Matane.....		47	50	
Elz. Heppel.....	do Cock Point.....		12	00	
J. Cassidy.....	do Amherst Island.....		25	00	
St. Lawrence Steam Navigation Co.....	do gone adrift.....		50	00	
do	Freight of buoys.....		102	75	
A. Fraser & Co.....	do		9	00	
Chrôme Rioux.....	do		5	00	
C. Bourget.....	Storage of anchor.....		9	20	
N. Fitzhenry.....	Scraping and painting.....		26	03	
O. Simard.....	Paint brushes.....		113	80	
	Carried forward.....		2,589	77	65,406 61

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

		\$ cts.	\$ cts.
Brought forward.....		2,589 77	65,406 61
<i>Buoys and Beacons—Concluded.</i>			
D. F. de St. Aubin.....	Repairing boat	20 67	
A. Pelletier et fils.....	Lime	1 50	
H. Black.....	Sinkers.....	186 03	
A. J. Turcotte.....	150 gallons linseed oil, at 78 cents.....	\$117 00	
do	Barrels and cartage.....	3 25	
J. Deegan	Clearing snow	120 25	
J. P. Couillard	Salvage.....	16 00	
M. Côté	do	25 00	
O. Dufour.....	do	12 00	
J. Radford.....	do	22 00	
F. X. Cauchon.....	Repairs to buoys.....	10 00	
S. Peters.....	Lumber for beacons.....	6 00	
P. Anctil.....	Repairing beacons.....	5 20	
J. Lebel.....	do	5 00	
		10 00	3,029 42
<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.....	12 months salary as Accountant.....	\$980 00	
do	do superannuation tax.....	20 00	
		1,000 00	
E. E. Buteau.....	12 months salary as Clerk.....	\$882 00	
do	do superannuation tax.....	18 00	
		900 00	
W. Barbour.....	12 months salary as Superintendent of		
do	Lights.....	\$1,033 89	
	do	12 months superannuation tax.....	21 00
		1,054 89	
J. B. Bruneau	Postages.....	263 72	
S. Mohr	Rent of telephone	85 00	
L. A. Blanchet.....	12 months petty cash expenditure.....	485 97	
J. B. Dery.....	Stationery.....	35 20	
Beaudet & Chicin.....	Screw for chair.....	0 65	
C. E. Holiwell.....	Binding and stationery.....	40 50	
T. G. Gagnon.....	15 cords maple at \$4.50.....	67 50	
G. T. Phillips.....	Repairing water pipes.....	8 88	
Dawson & Co.....	Books and office files.....	6 48	
L. Arel.....	Ice.....	10 00	
L. Marceau.....	Sawing wood	15 00	
E. Chanteloup.....	Stamp and electric battery.....	17 40	
J. A. Langlais.....	Printing.....	15 00	
Wyse & Co.....	Repairing stamp, ink etc.....	6 00	
British American Bank			
Note Co.....	Cheque books.....	41 12	
M. Miller & Son.....	Letter books.....	7 50	
City Corporation.....	Water taxes.....	22 00	
G. N. W. Telegraph Co.	Messages.....	12 95	
J. F. Arel.....	Repairing chairs.....	11 85	
Mrs. Maybury.....	Washing.....	5 25	
Cherrier & Co.....	Directory.....	4 00	
J. Hamel et frères.....	Cloth for desks.....	3 34	
			6,120 20
<i>General Lighthouse.</i>			
Imperial Oil Co.....	17,640 55 gals. petroleum at 25 cents.....	4,410 14	
Beaudet & Chicin.....	40,000 lbs. powder at 22 cents.....	\$8,800 00	
do	Crossing do	80 00	
do	Cartage.....	40 00	
	Carried forward.....	8,920 00	4,410 14
			74,556 23

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

		Brought forward.....	\$	cts.	\$	cts.
		\$8,920 00	4,410	14	74,556	23
<i>General Lighthouse—Concluded.</i>						
Beaudet & Chanic.....	Blankets.....	20 00				
do	Storage.....	140 00				
			9,080	00		
A. J. Turcotte.....	880½ gals. linseed oil at 89 cents.....	\$704 67				
do	do do do 70 cents.....	644 00				
			1,348	67		
do	399 do olive oil at \$1.10.....		438	90		
do	151½ do turpentine at \$1.00.....	\$151 50				
do	46½ do do 80 cents.....	37 20				
do	44½ do do \$1.10.....	48 95				
				237		65
do	Brushes, brooms, matches, barrels and cartage.....			184		35
T. Routier.....	Pay list, carpenters' repairs and outfits.....		1,355	27		
J. G. Bruneau.....	Office work 274 days at \$2; 91 days at \$2.25.....		752	75		
G. D. O'Farrell.....	do do 274 do \$1.50; 91 days at \$1.75.....		570	25		
S. Peters.....	Lumber.....		654	69		
E. Chauteloup.....	Lamps, chimneys, burners, etc.....		530	16		
J. Hamel et freres.....	Baize, chamois, etc.....		547	29		
G. T. Phillips.....	Emery cloth, brass castings, ventilators, etc.....		120	53		
R. Blakiston.....	Code signals.....		103	45		
J. P. Dery.....	Stationery, printing, etc.....		361	55		
A. W. Glassford.....	Charges for extinguishers.....		90	30		
Beaudet & Chanic.....	Hardware, paint, brushes, etc.....		229	25		
O. Simard.....	Tanks, paint, brushes and hardware.....		915	37		
E. Giroux et frere.....	Medicines.....		15	50		
C. E. Holiwell.....	Stationery.....		75	70		
T. Parent.....	Water barrels.....		12	65		
Audet & Robitaille.....	Rope, sheaves, etc.....		75	56		
Mrs. Morin.....	Chimney cleaners.....		38	00		
F. O. Vallerund.....	Fog-horns, lanterns, etc.....		255	25		
T. G. Gagnon.....	14½ cords maple at \$4.50.....		65	25		
Spottiswoode & Co.....	Code lists.....		38	04		
W. Stephenson.....	Fire kindler.....		54	00		
J. Dunn.....	Soap and potash.....		245	00		
Larkin & Connolly.....	Empty barrels.....		200	40		
Laroche & Co.....	Paper.....		16	00		
F. Auger.....	Screws.....		39	64		
S. J. Shaw & Co.....	Stocks and dies.....		53	65		
N. Fitzhenry.....	Making cartridges, powder bags, etc.....		100	00		
Secretary Trinity House.....	Rouge powder.....		74	35		
Doyle & Demers.....	Rope, packing and valves.....		87	79		
J. Leblanc.....	Leather for oars.....		3	00		
J. A. Langlois.....	Printing list of stores, etc.....		40	00		
S. Bédard.....	Oil, pumps, cans, buckets.....		268	49		
Renaud & Co.....	Lamps, chimneys and wicks.....		22	00		
Dawson & Co.....	Office files and stationery.....		47	90		
J. A. Williams.....	Lumber.....		349	65		
J. M. Tardif.....	Spars, knees, etc.....		34	25		
J. Savage.....	Deals and boards.....		35	00		
J. B. Dutil.....	Oars.....		85	00		
J. Joseph.....	Plate glass.....		12	55		
J. Carrel.....	Printing pay lists, etc.....		15	00		
L. Arel.....	Sheep skin.....		1	00		
M. A. H. Murphy & Co.....	20 ch. coal, at \$7.50, \$150; cartage do, \$15.....		165	00		
J. Eden.....	9 months salary as sub-Agent at Gaspé.....		75	00		
F. O'Dowd.....	Spars.....		7	50		
T. Corriveau.....	Plaster.....		3	65		
G. M. Webster & Co.....	1 ch. coals.....		8	50		
M. J. McLaughlin.....	Rope.....		57	20		
Noonan & Davies.....	Freight on 114 tons coal, at \$1.50, \$171; commission, \$4.27.....		175	27		
Duquet & Co.....	Repairing clocks.....		3	75		
G. Lamontagne.....	do		1	50		
		Carried forward.....	24,788	56	74,556	23

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

		\$ cts.	\$ cts.
	Brought forward.....	24,788 56	74,556 23
<i>General Lighthouse—Concluded.</i>			
Pelletier, fils et Cie	Repairing shed and canoe.....	66 60	
F. Desroche	do	21 00	
D. Damour	do	17 50	
P. Portugais.....	Repairing roof of shed	10 00	
J. O'Dowd.....	do	31 00	
A. Debesaré.....	bags and tarpaulins.....	6 12	
W. P. Anderson	Keys	64 14	
P. Quinn	Travelling expenses.....	18 00	
R. Patterson.....	Labor at oil.....	38 90	
J. Delage.....	do	10 00	
H. Lavoie	do	10 00	
Richelieu Company.....	Freight on carronades	9 90	
St. Lawrence Steam Navigation Co	do		
Allans, Rae & Co.....	do supplies.....	4 65	
A. Boulet.....	do do	55 59	
J. Marmen	do powder.....	10 00	
G. N. W. Telegraph Co.....	Cartage of supplies.....	436 75	
W. Barbour.....	Telegraphing.....	333 33	
do	Paid for repairs, cartage, landing stores.....	312 70	
J. Eden	Allowance for board.....	100 00	
Queen's Stores	Rent coal yard, Gaspé.....	100 00	
J. Carrel	Storage of supplies	200 00	
T. Parent	Advertising in <i>Daily Telegraph</i>	100 00	
P. Stephens	Cooperage	134 85	
J. Battle	Watching premises 121 days, at \$1.00	121 00	
T. Berrigan.....	do	121 00	
J. Eden	do	35 00	
do	Cartage snow	18 88	
L. Marceau.....	Telegrams and cartage, Gaspé	9 05	
Mrs. Walsh.....	Paid labour at coals, Gaspé	24 50	
L. J. Demers et frères.....	Sawing wood	7 74	
J. J. Foote	Washing.....	6 00	
	Subscription to <i>Le Canadien</i>	6 00	
	do	6 00	
	do <i>Chronicle</i>		
			27,228 76
	Total		\$101,784 99

WM. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 4.

To the Sixteenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure in connection with the Maintenance of Lighthouses, Fog-Whistles, &c., in New Brunswick, for the Fiscal Year ending 30th June, 1883.

GENERAL ACCOUNT.		\$	cts.	\$	cts.
E. Chanteloup.....	12 doz. silver fluid.....	33	40		
R. C. Qugley.....	Inspectors telegraph bill.....	17	94		
James Mitchell.....	Paid freight on supplies.....	23	53		
T. B. Barker & Sons.....	Chamois skins, alcohol, etc.....	10	45		
E. Willis.....	Advertising notice to mariners in <i>Daily News</i>	151	00		
Sun Publishing Co.....	do do.....	155	00		
Western Union Telegraph Co.....	12 months telegraphing account.....	127	51		
Henry King.....	Boating, labour and carting supplies.....	311	92		
Joseph Millar.....	Paid freight of supplies, labour, etc.....	33	72		
Thos. Carthy & Co.....	Chimneys.....	6	25		
Imperial Oil Co.....	15,333 galls. of oil.....	3,745	00		
Joseph Millar.....	11 months salary as Janitor.....	\$452	54		
Receiver-General.....	12 do superannuation tax.....	6	28		
		458	82		
W. H. Thorne & Co.....	Paint brushes, oil and putty.....	28	83		
J. R. Cameron & Co.....	Argand burners.....	290	50		
Wm. Lewis.....	Oil tanks.....	200	50		
A. Thomas.....	15 months salary as telegraph operator, Lepreaux.....	187	80		
J. R. McLeod.....	Freight on signal flags.....	5	17		
A. G. Brown.....	Plan of St John River.....	5	00		
G. W. Day.....	Printing pay-lists, etc.....	17	25		
J. H. Harding.....	Travelling expenses.....	172	10		
G. W. Robertson.....	Freight on fog-horn.....	8	64		
F. O. Vallerand.....	6 fog-horns.....	147	25		
H. Stinson.....	Freight on oil, etc.....	4	20		
Barbour & Staples.....	Painting boats.....	23	50		
T. G. Ralston.....	Packing boxes.....	18	00		
Estey, Allwood & Co.....	Life-preservers.....	27	00		
L. H. Vaughan & Bro.....	Canvas and rope.....	89	95		
Brundage & Jackson.....	Making coal bags.....	52	25		
O. H. Warwick.....	Empty barrels.....	2	85		
Fred. Pheasant.....	Top and side wharfage.....	35	00		
J. H. Phinney.....	10 oil tanks, \$140; stove and pipes, \$13.20.....	153	20		
E. McLaughlin.....	Cleaning building, etc.....	11	90		
J. Johnson.....	Inspectors postage account.....	19	19		
E. Lee Street.....	Stationery, Inspectors Office.....	7	27		
R. R. Call.....	Coal for Inspectors Office, \$10; freight, \$7.80.....	17	80		
D. W. Stillwell.....	Freight to River lights.....	2	40		
Harding & Hatheway.....	Lime.....	10	40		
J. R. Stone.....	Expressage.....	4	30		
Bank of Montreal.....	Bill of exchange, favour of Trinity House, for rouge powder.....	43	67		
R. Humphreys.....	Freight to River lights.....	14	95		
Clarke, Kerr & Thorne.....	Thermometers.....	1	20		
F. J. Harding.....	Paid freight for supplies.....	4	64		
Jos. Bullock.....	Storage on oil, etc.....	139	80		
Chas. Nelson.....	Wrapping paper.....	6	20		
Alex. McKillop.....	Amount of contract for maintaining Lightship, at Point La Gard, for season of 1882.....	126	80		
Gas Light Co.....	Gas.....	6	98		
British Bank Note Co.....	Cheque books.....	38	75		
	Carried forward.....	6,998	78		

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

		\$ cts	\$ cts.
Brought forward		6,998 78	
GENERAL ACCOUNT—Concluded.			
J. S. Fleming.....	Freight on stores	8 68	
T. McAvity & Sons.....	Brass wire.	0 79	
R. McLaren.....	Chamois and sponges.....	19 20	7,027 65
<i>Inspector's Office.</i>			
James Mitchell.....	12 months salary as Inspector.....	\$1,176 00	
Receiver-General.....	do superannuation tax.....	24 00	
		1,200 00	
James Mitchell.....	do travelling expenses	261 73	1,461 73
<i>Agent's Office.</i>			
J. H. Harding	12 months salary as Agent.....	\$1,568 04	
Receiver-General.....	do superannuation tax.....	32 04	
		1,600 08	
F. J. Harding.....	11 do salary as Clerk.....	\$539 00	
Receiver-General.....	12 do superannuation tax.....	12 00	
		551 00	
J. & A. McMillan.....	Books and stationery.....	100 57	
S. J. King.....	Rent of post office box.....	4 00	
D. McAlpine.....	Directory.....	2 50	
T. McAvity & Sons.....	Locks and hooks.....	5 28	
W. H. Thorne & Co.....	Cuspadores, &c.....	5 40	
Barnes & Co.....	Stationery.....	89 11	
R. Barbour.....	Painting drawers.....	11 00	
T. B. Hanington.....	Postage stamps.....	112 02	
Thos. DeBlois.....	Subscription to news room.....	10 00	
A. J. Lordly.....	Draughting table.....	10 00	
Gas Light Co.....	Gas bill.....	5 40	
Crystal Ice Co.....	6 months supply of ice.....	5 00	
A. C. Smith.....	Water rates.....	12 16	
E. J. Armstrong.....	Printing and tags.....	17 25	
J. H. Pullen.....	Glass.....	2 75	
A. Christie & Co.....	Repairs and labor.....	27 43	
T. B. Barker & Sons.....	Soap.....	1 70	
Geo. W. Day.....	Printing cards.....	3 75	
Jane Millar.....	Washing towels.....	4 00	2,580 40
<i>Beaver Harbour Light.</i>			
Ezra Munroe.....	3 months salary as Light-keeper.....	\$61 72	
Receiver-General.....	do superannuation tax.....	0 78	
		62 50	
E. Snell.....	9 months salary as Light-keeper.....	\$184 71	
Receiver-General.....	do superannuation tax.....	2 79	
		187 50	
J. R. Cameron & Co.....	Chimneys.....	11 25	
W. H. Thorne & Co.....	Paint, oil, brushes, etc.....	85 72	
W. W. Jordan.....	Cotton and flannel.....	30 25	
Alfred Wadlen.....	Freight of supplies.....	2 75	
E. Snell.....	Allowance for fuel, 1882.....	20 00	
John Leonard.....	Freight on oil tanks.....	2 00	401 97
<i>Beacon Light.</i>			
T. Clark.....	12 months salary as Light-keeper.....	\$395 00	
Receiver-General.....	do superannuation tax.....	5 00	
		400 00	
Carried forward.....		400 00	11,471 75

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

		\$ cts	\$ cts.
	Brought forward	400 00	11,471 75
<i>Beacon Light—Concluded.</i>			
E. Ross.....	Oars	7 75	
E. Clark.....	Repairs to light	30 00	
Harding & Hatheway	Lime	2 20	
Henry King.....	Boating supplies.....	168 40	
S. G. Blizard	Lumber.....	302 25	
J. R. Cameron & Co	Chimneys	14 11	
J. W. Harrington.....	Room paper.....	1 90	
T. McAvity & Sons.....	Rope and brass work	11 10	
Wm. Lewis.....	Repairing bell, etc.....	109 54	
G. E. Bustin.....	Painting	47 75	
T. Clark.....	Allowance for fuel	20 00	
T. B. Barker & Sons.....	Alcohol, lead and brushes.....	191 50	
W. H. Thorne & Co.....	Paint and padlock.....	22 51	
G. Hevenor.....	Copper, labour and repairs.....	198 21	
R. P. & W. F. Starr.....	Coal, 3½ chaldrons, at \$6 25	20 31	
Wm. Clark.....	Labour and repairs.....	230 00	
John Connolly.....	80 tons ballast.....	56 00	
J. E. Seaton	Stove pipe.....	6 00	
Walter Lane.....	Labour.....	6 25	
Geo. Clark	5 days labour whitewashing	10 00	
D. L. Hutchison.....	Repairing clock.....	2 50	
			1,858 28
<i>Belyea's Point.</i>			
S. P. Belyea.....	14 months and 5 days salary as Light-keeper.....		94 43
<i>Bliss Island Light.</i>			
Hugh Maloney.....	12 months salary as Light-keeper.....	\$296 28	
Receiver-General	do superannuation tax.....	3 72	
		300 00	
J. R. Cameron & Co.....	Chimneys	14 50	
T. B. Barker & Son	Paint and oil.....	20 08	
L. H. Vaughan & Bros	Chain.....	5 45	
W. W. Jordan.....	Cotton and chamois, etc	25 00	
Wm. Lewis.....	Ironing boat.....	2 50	
John Woodley	Boat	46 50	
Hugh Maloney.....	Repairs, stove pipe, etc	21 00	
do	Allowance for fuel, 1882.....	20 00	
			455 03
<i>Bathurst Light.</i>			
G. A. Sutherland.....	12 months salary as Light-keeper.....	\$148 12	
Receiver-General	do superannuation tax.....	1 88	
		150 00	
R. D. Sutherland.....	Repairing lamps.....	15 46	
J. R. Cameron & Co.....	Chimneys and wicks.....	24 50	
Wm. Masson.....	Cotton and flannel.....	9 71	
G. C. Sutherland.....	1 year's rent of land	8 00	
Geo. A. Sutherland.....	Building oil shed	75 00	
			282 67
<i>Buctouche Light.</i>			
T. B. Robichaux.....	12 months salary as Light-keeper.....	\$148 12	
Receiver-General	do superannuation tax.....	1 88	
		150 00	
J. W. Weldon	Horse hire	5 00	
John Ferguson.....	Oil tanks, brooms, etc.....	53 56	
T. B. Robichaux	Cordwood, 9¼ cords at \$3.00	29 25	
do	Making road	25 00	
			262 81
	Carried forward.....		14,424 97

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

		\$	cts.	\$	cts.
Brought forward.....				14,424	97
<i>Bay du Vin Light.</i>					
James Chapman	Salary from 7th August to 30th June.....		179 35		
J. R. Cameron & Co.....	Chimneys.....		9 25		
Wm. Lewis.....	Iron work and lantern		81 10		
Wm. Masson.....	1 cask paraffine oil, 42 gallons, at 22 cents.....		9 24		
John Ferguson.....	Oil tanks, alcohol and glass.....		67 93		
G. Hevenor	2 new lanterns.....		90 00		
				436	87
<i>Cape Enrage Light.</i>					
W. S. Starratt.....	12 months salary as Light-keeper.....	\$395 00			
Receiver-General	do superannuation tax.....		5 00		
				400 00	
Estey, Allwood & Co....	Boiled oil and soap		29 40		
W. S. Starratt.....	Cartage and freight of supplies.....		23 02		
				452	42
<i>Cape Jourmain Light.</i>					
A. W. Bent.....	12 months salary as Light-keeper.. ..	\$296 28			
Receiver-General	do superannuation tax.....		3 72		
				300 00	
John Ferguson.....	Cotton, whiting and soap.....		33 62		
A. W. Bent.....	Oil and labour.....		15 80		
do	Travelling expenses inspecting repairs to machinery		18 50		
Crane & Harper.....	Stove		14 00		
G. Hevenor	Repairing spindle.....		2 50		
				384	42
<i>Carquet Light.</i>					
Louis Porlier.....	3 months salary as Light-keeper.....	\$49 38			
Receiver-General	do superannuation tax.....		62		
				50 00	
Joseph Porlier.....	9 do salary as Light-keeper.....		150 00		
John Ferguson.....	Cotton, flannel and alcohol.....		25 56		
A. K. McDougall.. ..	Plan of Island.....		4 00		
L. R. Harrison.....	Legal expenses.....		19 20		
				248	76
<i>Cox's Point Light.</i>					
M. Y. Cox.....	12 months salary as Light-keeper.....		80 00		
W. H. Thorne & Co.....	Bolts		0 42		
T. B. Barker & Sons.....	Paint and oil.....		19 40		
Walter Lane.....	Carpenters' repairs to Light-house.....		95 70		
M. Y. Cox.....	Lumber and do		68 15		
				263	67
<i>Cassie's Point Light.</i>					
Charles LeBlanc.....	12 months salary as Light-keeper... ..	\$246 88			
Receiver-General	do superannuation tax.....		3 12		
				250 00	
John Ferguson.....	Matches, soap and pails.....		25 56		
Charles LeBlanc.....	Painting Light-house		19 57		
G. Hevenor.....	Four new lamps.....		20 00		
				315	13
<i>Cape Spencer Light.</i>					
G. C. Blacklock.....	12 months salary as Light-keeper.....	\$395 00			
Receiver-General.....	do superannuation tax.....		5 00		
				400 00	
Carried forward				400 00	16,526 24

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

		\$	cts.	\$	cts.
	Brought forward.....	400	00	16,526	24
	<i>Cape Spencer Light—Concluded.</i>				
A. G. Bowes & Co.....	Repairing lamps.....	4	00		
J. R. Cameron & Co.....	Wicks.....	3	00		
W. H. Thorne & Co.	Alcohol, soap, oil, etc.....	69	10		
T. B. Barker & Sons.....	Chamois.....	0	80		
G. Hevenor.....	Repairing lamps.....	3	10		
Wm. Bryan.....	Repairing wall.....	6	00		
Job. Stanley.....	Road work and cutting wood.....	39	10		
Fred Blacklock.....	Carting oil.....	30	00		
Sarah J. Drake.....	Blinds.....	9	00		
	<i>Dalhousie Light.</i>			564	10
Louis Arseneaux.....	12 months salary as Light-keeper.....	100	00		
J. B. Cameron & Co.....	Chimneys.....	4	50		
James Mitchell.....	Freight.....	0	17		
G. Hevenor.....	Repairing Lamps.....	3	20		
	<i>Escuminac Light.</i>			107	87
Thomas Philips.....	12 months salary as Light-keeper.....	\$395	00		
Receiver-General.....	do superannuation tax.....	5	00		
		400	00		
Thomas Philips.....	Horse hire.....	8	00		
John Ferguson.....	Cotton, flannel and soap.....	33	82		
	<i>East Head Light.</i>			441	82
C. P. Hamm.....	12 months salary as Light-keeper.....	\$296	28		
Receiver-General.....	do superannuation tax.....	3	72		
		300	00		
J. C. Cameron & Co.....	Chimneys, etc.....	12	50		
C. P. Hamm.....	Boarding carpenter.....	23	50		
Wm. Lewis.....	Chain.....	2	00		
W. H. Thorne & Co.....	Soap, alcohol and oil.....	22	77		
Hugh Belmore.....	Freight of supplies.....	17	00		
Walter Lane.....	Carpenter work and repairs.....	42	60		
W. W. Jordan.....	Cotton, oil and waste.....	31	15		
John Quigg.....	Deed of land and expenses.....	209	00		
C. Hevenor.....	Lamp repairs.....	37	50		
C. E. Harding.....	Lumber.....	6	75		
John W. Long.....	Labour, repairing chimney, plaster, etc.....	49	50		
T. B. Barker & Sons.....	Glass.....	48	10		
C. P. Hamm.....	2 weeks boarding labourers, \$7; paid freight of oil, \$3.05.....	10	05		
do.....	Allowance for fuel 1882.....	20	00		
	<i>Fox Island Light (Upper.)</i>			832	42
Wood Williston.....	12 months salary as Light-keeper.....	\$296	28		
Receiver-General.....	do superannuation tax.....	3	72		
		300	00		
John McNaughton.....	1 year's rent of land 1882.....	30	00		
Wm. Masson.....	Cotton, towelling and flannel.....	15	53		
J. H. Phinney.....	Stove.....	16	00		
	<i>Fox Island Light (Lower.)</i>			361	53
R. Renisborrow.....	12 months salary as Light-keeper.....	\$197	52		
Receiver-General.....	do superannuation tax.....	2	18		
		200	00		
Charles Bennett.....	Repairing lantern.....	41	00		
W. Masson.....	Cotton and flannel.....	18	08		
				259	08
	Carried forward.....			19,093	06

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

		\$ cts.	\$ cts.
Brought forward.....			19,093 06
<i>Fanjoy's Point Light.</i>			
Wm. Fanjoy	12 months salary as Light-keeper.....	80 00	
J. R. Cameron & Co.....	Chimneys.....	1 60	
			81 00
<i>Grindstone Island Light.</i>			
J. R. Styles.....	12 months salary as Light-keeper	\$395 00	
Receiver-General.....	do superannuation tax.....	5 00	
			400 00
J. R. Cameron & Co.....	Chimneys, wicks and lamp.....	26 30	
J. B. Barker & Sons.....	Paint, oil and soap	58 00	
W. W. Jordan.....	Towelling, cotton and chamois.....	34 15	
Mrs. Jas. Clark.....	1 year's rent house.....	12 00	
Estey, Allwood & Co. ...	Lard, oil and emery paper.....	9 65	
Wm Wood.....	Freight of supplies.....	12 90	
Geo. Bustin.....	Painting light.....	174 30	
C. B. Peck	Freight of supplies	3 68	
G. Hevenor	Repairing burner.....	1 25	
W. H. Thorne & Co.....	Padlocks, wrench, etc.....	5 25	
			737 48
<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
J. R. Cameron & Co	Chimneys and burners	49 10	
O. A. Kent	Paid for boating water, carting lumber, boarding workmen, etc.....	334 42	
A. J. McLaughlin.....	12 months housing water boat.....	48 00	
Brundage & Jackson.....	Canvas.....	7 56	
Geo. Hutchinson.....	Telescope and engraving	19 00	
Wm. Lewis.....	Labour at House Refuge, iron work, etc.....	345 02	
T. B. Barker & Sons.....	Paint and oil.....	105 46	
W. H. Thorne & Co.....	Powder, tacks, planes, lead, steel, etc.....	85 77	
L. H. Vaughan & Bros.....	Zinc, rope, anvil, iron, etc.....	341 56	
Sarah J. Drake	Flag.....	6 00	
W. W. Jordan.....	Canvas, towelling and chamois.....	50 91	
C. E. Harding & Son.....	Brick, lumber, iron tank, etc.....	414 51	
G. N. Harvey.....	Iron work.....	13 00	
G. Hevenor.....	Copper kettle.....	7 00	
Henry King.....	50 brls. sand for House Refuge.....	30 00	
John Woodley.....	Boat.....	56 00	
Barbour & Staples.....	Painting iron work.....	6 50	
Thomas Perrin.....	Building cover for magazine.....	20 50	
R. A. Guilford.....	Paid labour on bricks	10 00	
J. W. Harrington.....	Room paper.....	5 70	
			2,556 01
<i>Green Head Light.</i>			
J. N. Williams	12 months salary as Light-keeper.....	80 00	
Barbour & Staples	Painting.....	31 75	
Estey, Allwood & Co.....	Paint and oil.....	13 75	
Jos. Armstrong.....	Rent of land to 1st November, 1882.....	10 00	
			135 50
<i>Grant's Beach Light.</i>			
John Delaney.....	12 months salary as Light-keeper.....	100 00	
Chas. Bennett.....	Repairing lantern and reflectors.....	23 00	
John Delaney.....	Carting stones, oil, etc.....	12 00	
John Ferguson.....	Paint brush.....	1 50	
Carried forward.....		136 50	22,603 05

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

		\$	cts.	\$	cts.
Brought forward		136	50	22,603	05
<i>Grant's Beach Light—Concluded.</i>					
William Masson	Cotton and flannel.....	15	09		
J. R. Cameron & Co	Reflectors.....	3	00		
				154	59
<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, soap and matches.....	25	56		
				275	56
<i>Grand Harbour Light.</i>					
H. McLaughlin.....	12 months salary as Light-keeper.....	\$395	00		
Receiver-General.....	do superannuation tax.....	5	00		
				400	00
J. R. Cameron & Co.....	Chimneys, wicks, etc.....	22	65		
T. B. Barker & Sons.....	Paint and oil.....	112	12		
W. H. Thorne & Co.....	Spikes and lead.....	8	84		
L. H. Vaughan & Bros	Cement and rope.....	36	33		
W. W. Jordan.....	Cotton and towelling	79	78		
C. E. Harding & Son.....	Lumber.....	81	28		
John Tucker	Towing lumber.....	6	00		
H. McLaughlin.....	Wall paper, postages, etc.....	8	50		
do	Allowance for fuel, 1882.....	20	00		
D. Ellison.....	Freight of supplies.....	5	02		
				780	52
<i>Hillsboro' Pier Light.</i>					
E. Steeves.....	12 months salary as Light-keeper.....	75	00		
J. R. Cameron & Co	Chimneys.....	5	00		
Geo. Bustin	Painting.....	11	25		
				91	25
<i>Head Harbour Light.</i>					
Neil Seelye.....	12 months salary as Light-keeper.....	\$394	36		
Receiver-General.....	do superannuation tax.....	5	64		
				400	00
J. R. Cameron & Co.....	Chimneys and burners.....	24	25		
A. G. Bowes & Co.....	Stove and linings.....	13	10		
				437	35
<i>Heron Island Light.</i>					
John Dutch	12 months salary as Light-keeper.....	\$197	52		
Receiver-General.....	do superannuation tax.....	2	48		
				200	00
John Ferguson	Alcohol, soap and brushes.....	27	36		
				227	36
<i>Hendry's Point Light.</i>					
E. M. Hendry.....	12 months salary as Light-keeper.....				80
<i>Hay Island Light.</i>					
Joseph McKnight.....	12 months salary as Light-keeper.....	\$148	12		
Receiver-General.....	do superannuation tax.....	1	88		
				150	00
Carried forward.....		150	00	24,619	68

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

		\$ cts.	\$ cts.
	Brought forward	150 00	24,619 63
<i>Hay Island Light—Concluded.</i>			
John Ferguson.....	Oil tanks.....	28 00	
J. R. Cameron & Co.....	Chimneys and burners	8 55	
Wm. Masson	Cotton and flannels.....	10 83	
J. H. Phinney.....	Stove and pipe.....	12 45	
		<hr/>	269 83
<i>Lightship Miramichi.</i>			
Timothy Daley.....	12 months salary as Light-keeper.....	\$695 00	
Receiver-General.....	do superannuation tax.....	5 00	
		<hr/>	
James Watts.....	Placing Lightship.....	700 00	
John Ferguson.....	Rope, flannel and alcohol.....	20 00	
John Sadler.....	Plank and lumber.....	109 34	
James Car. er	Carpenters' repairs.....	21 21	
R. R. Call.....	Towing, piloting and placing.....	50 00	
Con. Regan.....	Removing ballast.....	70 00	
Wm. Beattie.....	Cutting out of ice.....	8 00	
J. H. Phinney.....	Repairing lamps.....	10 00	
Thomas Stewart & Co.....	Resilvering reflectors.....	12 00	
James Mitchell.....	Paid labour and repairs to Lightship	42 00	
		274 72	
		<hr/>	1,317 27
<i>Machias Seal Island Light.</i>			
David Webster.....	12 months salary as Light-keeper.....	\$493 72	
Receiver-General.....	do superannuation tax.....	6 28	
		<hr/>	
G. W. Meloon.....	Boating supplies.....	500 00	
A. J. Meloon.....	do	30 00	
W. W. Jordan.....	Ticking, waste and chamois.....	28 00	
T. B. Barker & Sons.....	Paint and oil.....	55 59	
		<hr/>	669 09
<i>Midjic Bluff Light.</i>			
Mrs. John W. McDiarmid	12 months salary as Light-keeper.....	\$197 52	
Receiver-General.....	do superannuation tax.....	2 48	
		<hr/>	
J. R. Cameron & Co.....	Chimneys	200 00	
T. B. Barker & Sons.....	Paint and oil.....	19 75	
W. W. Jordan	Cotton and towelling.....	52 91	
Angus Burgess.....	Repairing road and painting Light, etc.	13 65	
		61 33	
		<hr/>	347 64
<i>Miscou Light.</i>			
Robert Rivers.....	12 months salary as Light-keeper.....	\$493 72	
Receiver-General.....	do superannuation tax.....	6 28	
		<hr/>	
J. R. Cameron & Co.....	Chimneys	500 00	
W. H. Thorne & Co.....	Glass.....	40 25	
Receiver-General.....	Purchase of land.....	55 00	
John Ferguson.....	Alcohol, glass and soap.....	287 00	
		45 84	
		<hr/>	928 09
<i>Musquash Island Light.</i>			
Daniel Smith.....	12 months salary as Light-keeper.....		80 00
	Carried forward.....		<hr/>
			28,201 60

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

		\$	cts.	\$	cts.
Brought forward.....				28,201	60
<i>Middle Island Light.</i>					
David McEwen.....	12 months salary as Light-keeper.....	\$296	28		
Receiver-General.....	do superannuation tax.....		3 72		
				300	00
Charles Bennett.....	Repairing lantern and stove pipe.....		24	00	
Wm. Sinclair.....	do boat and oars.....		20	20	
David McEwen.....	Carting supplies and lantern.....		8	80	
Wm. Masson.....	Cotton and flannel.....		13	75	
McEwen & Buck.....	Burners.....		4	50	
				371	25
<i>Mark's Point Light.</i>					
Patrick Toomey.....	12 months salary as Light-keeper.....		80	00	
J. R. Cameron & Co.....	Chimneys, etc.....		24	00	
				104	00
<i>McMann's Point.</i>					
Robert McMann.....	12 months salary as Light-keeper.....		80	00	
J. R. Cameron & Co.....	Wicks, etc.....		1	55	
T. B. Barker & Sons.....	Paint and oil.....		14	82	
W. W. Jordan.....	Cotton and flannel.....		17	76	
G. Hevenor.....	Repairing lamps.....		0	80	
				114	93
<i>No Man's Friend Light.</i>					
Morris Scovill.....	12 months salary as Light-keeper.....		80	00	
J. R. Cameron & Co.....	Chimneys, cotton, etc.....		6	40	
Morris Scovill.....	Repairing floor.....		11	00	
				97	40
<i>Neguac Light.</i>					
Wm. Morrison.....	9 months salary as Light-keeper.....	\$111	09		
Receiver-General.....	do superannuation tax.....		1 41		
				112	50
James Fish.....	Horse hire.....		7	00	
John Ferguson.....	White lead.....		11	25	
Wm. Masson.....	Cotton, flannel and towelling.....		19	04	
J. H. Phinney.....	Repairing lantern.....		3	00	
Thos. Stewart & Co.....	Resilvering reflectors.....		6	50	
				159	29
<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
J. R. Cameron & Co.....	Chimneys.....		1	40	
				301	40
<i>Oak Point Light, St. John River.</i>					
Wm. McLeod.....	12 months salary as Light-keeper.....		80	00	
W. H. Thorne & Co.....	Lantern.....		1	50	
				81	50
<i>Oromocto Shoals Light.</i>					
C. H. Gilmore.....	12 months salary as Light-keeper.....		80	60	
W. H. Thorne & Co.....	Oil and can.....		2	10	
Barbour & Staples.....	Painting.....		52	74	
				134	84
Carried forward.....				29,431	37

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

		\$ cts.	\$ cts.
Brought forward		134 84	29,431 37
<i>Oromocto Shoals Light—Concluded.</i>			
J. R. Cameron & Co	Burrers.....	3 20	
C. Hevenor	Repairing lantern.....	26 40	
T. B. Barker & Sons	Glass.....	4 30	168 74
<i>Oak Point Light, Miramichi.</i>			
Peter Morrison	12 months salary as Light-keeper.....	100 00	
John Ferguson	Paint brush.....	1 50	
Wm. Masson	Cotton and flannel.....	16 25	
J. H. Phinney	Repairing lantern.....	7 25	
Chas. Bennett	Repairing reflectors.....	3 00	128 00
<i>Partridge Island Light.</i>			
James Wilson	12 months salary as Light-keeper.....	\$395 00	
Receiver-General	do superannuation tax.....	5 00	
		400 00	
J. R. Cameron & Co	Chimneys, sheeting and twelling.....	29 60	
Jas. W. Harrington	Room paper.....	5 40	
George Nixon	Glass.....	7 00	
W. H. Thorne & Co	Oil can and hinges.....	3 77	
T. B. Barker & Sons	Paint, oil and alcohol.....	66 87	
W. W. Jordan	Cotton, canvas and towels.....	46 25	
Henry King	Boating supplies.....	91 90	
G. E. Bustin	Painting.....	114 25	
Jas. Wilson	Boarding painters.....	31 00	
A. Christie & Co	Window sashes.....	3 60	
Jas. Wilson	Planking wharf.....	6 00	
C. Hevenor	Repairing lamps and lantern.....	23 43	859 07
<i>Point Lepreaux Light.</i>			
George Thomas	12 months salary as Light-keeper.....	\$395 00	
Receiver-General	do superannuation tax.....	5 00	
		400 00	
Emerson & Fisher	Stove and pipe.....	3 20	
J. R. Cameron & Co	Chimneys and wicks.....	18 25	
Campbell & Ellis	Stove and fittings.....	1 54	
Walter Lane	Repairs to dwelling.....	53 62	
Geo. Thomas	Boarding carpenters.....	12 00	
L. H. Vaughan & Bros	Rope.....	9 20	
W. W. Jordan	Towels, cotton and flannel.....	55 05	
T. B. Barker & Sons	Paint and oil.....	33 09	
W. P. Anderson	Travelling expenses inspecting.....	38 25	
W. H. Thorne & Co	Coal, zinc, screws and wire.....	19 24	
Geo. Thomas	Postage and labour.....	8 50	
G. Hevenor	Chimney top.....	17 28	669 22
<i>Pokésie Light.</i>			
Octave Hache	12 month's salary as Light-keeper.....	\$148 12	
Receiver-General	do superannuation tax.....	1 88	
		150 00	
John Ferguson	Oil tanks, white lead and oil.....	53 56	
J. R. Cameron & Co	Chimneys and wicks.....	16 00	
R. LeBontillier	1 year's rent of land.....	4 00	223 56
Carried forward			31,479 96

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

		\$	cts.	\$	cts.
Brought forward.....				31,479	96
<i>Portage Island Light.</i>					
James Stymest.....	12 months salary as Light-keeper.....	\$246	90		
Receiver-General.....	do superannuation tax.....		2 48		
			249 38		
J. R. Cameron & Co.....	Chimneys.....		2 70		
John Ferguson.....	White lead and oil.....		44 44		
Wm. Masson.....	Cotton flannel and towelling.....		26 22		
James Carter.....	Repairs and building block, laying platforms, etc..		400 00		
				722	74
<i>Pokemouche Light.</i>					
P. Robicheaux.....	12 months salary as Light-keeper.....	\$197	52		
Receiver-General.....	do superannuation tax.....		2 48		
			200 00		
James W Harrington....	Room paper.....		25 50		
Wm. Masson.....	Cotton and flannels.....		9 28		
J. R. Cameron & Co.....	Burners.....		4 20		
				238	98
<i>Pea Point Light.</i>					
Alex. Davidson.....	12 months salary as Light-keeper.....	\$216	88		
Receiver-General.....	do superannuation tax.....		3 12		
			250 00		
J. R. Cameron & Co.....	Chimneys, wicks, etc.....		19 10		
W. H. Thorne & Co.....	Powder, hinges and soap.....		28 50		
L. H. Vaughan & Bros...	Rope.....		7 76		
W. W. Jordan.....	Towelling, cotton and waste.....		23 30		
C. E. Harding & Son....	Lumber.....		260 41		
T. B. Barker & Sons.....	Glass.....		15 00		
Hugh Belmore.....	Freight on lumber.....		20 00		
W. Davidson.....	Painting lighthouse.....		18 00		
Alex. Davidson.....	Allowance for fuel, 1882.....		20 00		
John Leonard.....	Freight on oil tanks.....		4 00		
				666	07
<i>Passamaquoddy Bay Light.</i>					
John Conley.....	12 months salary as Light-keeper.....	\$345	64		
Receiver-General.....	do superannuation tax.....		4 36		
			350 00		
J. R. Cameron & Co.....	Chimneys, wicks, etc.....		17 40		
W. H. Thorne & Co.....	Alcohol, oil and soap.....		31 97		
W. W. Jordan.....	Cotton and flannel.....		18 89		
John Conley.....	12 months allowance for fuel, to 30th June, 1883 ...		20 00		
Wm. Shaw.....	Repairs to boat.....		4 00		
B. Mitchell.....	4½ cords wood.....		16 00		
Obadiah Conley.....	Boating water, painting and labour.....		101 40		
John Conley.....	Carpenters' work and board, bolts, spikes, etc.....		25 00		
Thos. Stewart & Co....	Resilvering 4 reflectors, at \$22 each.....		88 00		
Wm. Carson.....	Freight on oil.....		1 78		
A. Lamb.....	Repairing stove.....		6 80		
E. S. Polleys.....	Rope, chimneys and wicks.....		33 30		
J. F. O'Dell.....	Crash and cotton.....		8 82		
Joseph Pendlebury.....	Making sail.....		4 00		
				727	27
<i>Preston's Beach Light.</i>					
Thos. Lewis.....	12 months salary as Light-keeper.....		100 00		
M. Preston.....	2 years rent of land.....		40 00		
John Ferguson.....	Paint and brushes.....		2 00		
Wm. Masson.....	Cotton, towelling and flannel.....		16 00		
Carried forward.....			168 00	33,835	02

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

		\$ cts.	\$ cts.
Brought forward		158 00	33,835 02
<i>Prestons Beach Light—Concluded.</i>			
J. R. Cameron & Co.....	Chimneys.....	10 50	
J. H. Phiney.....	Repairs to oil tank	1 00	
Thos. Lewis.....	Painting buoys.....	14 00	183 50
<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 and flannel.....	15 91	165 91
<i>Quaco Light.</i>			
Wm. Love.....	12 months salary as Light-keeper.....	\$395 00	
Receiver-General	do superannuation tax.....	5 00	
		400 00	
Barnes & Co.....	Advertising in <i>Religious Intelligencer</i>	1 68	
H. A. Cropley	do <i>The Capital</i>	2 80	
J. H. Moran.....	Clearing land.....	42 00	
J. E. Hopper.....	Advertising in <i>Christian Visitor</i>	2 80	
L. W. Wood.....	do <i>Maple Leaf</i>	2 24	
L. R. Harrison	Deed of land and interest	249 77	
W. & J. Anslow	Advertising in <i>Union Advocate</i>	2 80	
Fred. Robideaux.....	do <i>Le Moniteur Acadien</i>	2 80	
J. L. Stewart	Advertising in the <i>World</i>	2 80	
H. J. Stevens.....	do <i>Times</i>	2 80	
David Main.....	do <i>St. Croix Courier</i>	2 50	
J. F. Fletcher.....	do <i>Press office</i>	1 28	
Maritime Farmer.....	Advertising.....	2 24	
Fredericton Reporter.....	do	2 80	
Edward Willis.....	do in the <i>Daily News</i>	3 75	
L. C. Barney.....	12 panes plate glass.....	137 50	
Wm. Moran.....	Clearing land and road work.....	44 75	
D. W. Clark.....	On account of contract rebuilding Lighthouse.....	2,977 00	
W. C. Milner.....	Advertising.....	2 80	
F. A. Tingley.....	Freight on lanterns.....	171 12	
E. Chanteloup.....	Lantern, lamps, burners, etc.....	1,796 88	
J. C. Allison.....	Surveying land.....	32 00	
Editor <i>Bay Pilot</i>	Advertising	2 24	
Wm. Lewis.....	Oil tanks.....	132 00	
Wm. Love.....	Travelling expenses.....	3 50	
Robert Carson.....	Freight on glass, etc.....	8 70	
Wm. Love.....	Allowance for fuel.....	48 00	
T. B. Barker & Sons.....	Cotton, towels and whitening	19 70	
Stephen Rand.....	Legal expenses.....	160 54	6,201 79
<i>Robertson's Point Light.</i>			
Samuel Robertson.....	12 months salary as Light-keeper.....	80 00	
G. Hevenor.....	Repairing lamps.....	2 60	82 60
<i>Richibucto Light.</i>			
Fabien Richards.....	12 months salary as Light-keeper.....	\$182 68	
Receiver-General	do superannuation tax.....	2 32	
		185 00	
Carried forward		185 00	40,468 82

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	40,468	82
	<i>Richibucto Light—Concluded.</i>				
J. & W. Brait	Blinds and paint brush.....		4 52		
John Ferguson.....	Towelling, sponges and soap.....		25 56		215 68
	<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.....	Alcohol, soap and matches.....		24 96		224 96
	<i>Restigouche Light.</i>				
Hugh McNeil.....	12 months salary as Light-keeper.....		100 00		
Wm. Masson.....	Cotton and flannel.....		25 68		125 68
	<i>Railway Wharf Light.</i>				
Geo. Cumming.....	12 months salary as Light-keeper.....		100 00		
Wm. Masson.....	Cotton and flannel.....		25 68		125 68
	<i>South Tracadie Light.</i>				
Joseph Forbes.....	12 months salary as Light-keeper.....	\$148	12		
Receiver-General.....	do superannuation tax.....		1 88		
			150 00		
J. R. Cameron & Co.....	Chimneys.....		8 00		
Wm. Masson.....	Cotton and flannels.....		9 08		167 68
	<i>Swallow Tail Light.</i>				
John W. Kent.....	12 months salary as Light-keeper.....	\$395	00		
Receiver General.....	do superannuation tax.....		5 00		
			400 00		
J. R. Cameron & Co.....	Chimneys and wicks.....		57 85		
T. B. Barker & Sons.....	Paint and oil.....		129 36		
L. H. Vaughan & Bros..	Bricks, steel, rope and blocks.....		55 85		
W. W. Jordan.....	Waste, baize and towelling.....		81 86		
S. G. Blizzard.....	Lumber.....		399 22		
Frank Cronk.....	Freight on stove, lumber and hardware.....		50 53		
O. E. Harding & Son.....	Lumber.....		53 90		
B. Robinson.....	Labour on tramway and repairs.....		64 00		
Wm. Watt.....	Paper, nails and paint.....		21 49		
J. W. Kent.....	Boarding labourers 32 days at 75 cents.....		24 00		
John Murphy.....	Rafting and delivering timber.....		23 00		
Chas. Small.....	Labour landing stores.....		19 00		
J. W. Kent.....	Expenses landing coal.....		17 50		
John Powers.....	Blacksmiths work.....		16 75		
Trainor & O'Brien.....	Repairing blocks.....		5 92		
W. H. Thorne & Co.....	Shears and locks.....		5 20		
James Small.....	Trucking supplies.....		19 50		
G. Hevenor.....	Repairing lamps.....		2 50		
Geo. Sillerguest.....	16 days labour of derrick at \$2.00.....		32 00		
B. Robinson.....	Labour and lumber fitting derrick.....		55 98		
Wm. Lewis & Son.....	Iron work for derrick.....		75 19		
D. Ellison.....	Freight and labour on oil and supplies.....		44 70		
					1,655 30
	Carried forward.....				42,982 60

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

		\$	cts.	\$	cts.
Brought forward.....				42,982	60
<i>Spruce Point Light.</i>					
John Boyd.....	12 months salary as Light-keeper.....	80	00		
J. R. Cameron & Co.....	Chimneys and wicks.....	4	00		
W. H. Thorne & Co.....	Oil, turpentine and soap.....	17	24		
W. W. Jordan.....	Cotton, flannel and towelling.....	42	45		
				143	69
<i>St. Andrew's Light.</i>					
Geo. Pendleberry.....	12 months salary as Light-keeper.....	\$296	28		
Receiver-General.....	do superannuation tax.....	3	72		
				300	00
John Pendleberry.....	Repairing and painting Lighthouse.....	39	00		
J. R. Cameron & Co.....	Chimneys and wicks.....	11	15		
W. W. Jordan.....	Cotton, flannel, towels and waste.....	50	83		
Estey, Allwood & Co....	Paint and oil.....	39	07		
Geo. Pendleberry.....	Stove and allowance for fuel.....	32	00		
E. S. Polleys.....	Chimneys and tackle.....	8	89		
				480	94
<i>Sand Point Light.</i>					
John McCluskey.....	14 months salary as Light-keeper.....	93	30		
J. R. Cameron & Co.....	Chimneys, etc.....	1	75		
				95	05
<i>Shediac Light.</i>					
M. Robinson.....	12 months salary as Light-keeper.....	\$246	88		
Receiver-General.....	do superannuation tax.....	3	12		
				250	00
John Ferguson.....	Soap, alcohol and matches.....	25	56		
G. Heveaor.....	Repairing lamps.....	1	50		
M. Robinson.....	Freight on supplies.....	3	22		
				280	28
<i>Southern Wolf.</i>					
E. Snell.....	3 months salary as Light-keeper.....	\$123	43		
Receiver-General.....	do superannuation tax.....	1	57		
				125	00
Ezra Munroe.....	9 do salary as Light-keeper.....	\$310	77		
Receiver-General.....	do superannuation tax.....	4	23		
				375	00
J. R. Cameron & Co.....	Chimneys.....	10	00		
T. B. Barker & Sons.....	Paint and oil.....	75	34		
L. H. Vaughan & Bros....	Coal, rope and bricks.....	66	59		
W. W. Jordan.....	Chamois, towels and baize.....	53	46		
D. Mathews.....	Labour, blasting rocks.....	28	00		
John Shannon.....	do do.....	31	50		
E. Snell.....	Boarding labourers.....	16	00		
G. Heveaor.....	Repairing lamps.....	32	10		
Ezra Munroe.....	Labour and stove.....	25	25		
				838	24
<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.....	Cordwood.....	5	25		
J. R. Cameron & Co.....	Chimneys.....	4	00		
				249	25
Carried forward.....				44,820	80

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

		\$ cts.	\$ cts.
	Brought forward	249 25	44,820 80
	<i>Shippegan Light—Concluded.</i>		
F. H. Dumaresq.....	Building dwelling house, as per contract.....	300 00	
John Ferguson.....	White lead, sponges and soap.....	53 91	
F. H. Dumaresq.....	Repairs to oil tank, etc.....	10 40	613 56
	<i>Shellrake Island.</i>		
Duncan Morrison.....	12 months salary as Light-keeper.....	\$296 28	
Receiver-General.....	do superannuation tax.....	3 72	
		300 00	
Chas. Bennett.....	Repairing lanterns, etc.....	22 00	
Duncan Morrison.....	Carting lanterns and shutters.....	15 00	
Wm. Masson.....	Cotton and flannel.....	17 35	354 35
	<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	
W. B. McLaughlin.....	Stove and carting wood.....	53 55	
J. R. Cameron & Co.....	Chimneys and wicks.....	65 00	
T. B. Barker & Sons.....	Paint and oil.....	148 53	
L. H. Vaughan & Bros.....	Baskets, coal and sheet iron.....	54 83	
W. W. Jordan.....	Cotton, towels and chamois.....	79 43	
S. G. Blizzard.....	Lumber.....	188 89	
Walter Lane.....	Carpenters' work and travelling expenses.....	195 25	
F. Benson.....	Freight on supplies.....	20 20	
W. B. McLaughlin.....	Paid for lumber and boarding carpenters, etc.....	163 80	
Wm. M. Russell.....	Freight on supplies.....	4 50	
B. Plant.....	Labour, carting and wood.....	61 50	
A. McLaughlin.....	Carting supplies.....	75 85	
W. B. McLaughlin.....	Stove.....	12 00	
G. Hevenor.....	Drip pans.....	8 40	1,631 73
	<i>Tracadie Light.</i>		
Wm. Archer.....	12 months salary as Light-keeper.....	\$237 00	
Receiver-General.....	do superannuation tax.....	3 00	
		240 00	
Wm. Masson.....	Cotton and flannel.....	9 28	
J. B. Phinney.....	Stove pipe.....	3 30	
Wm. Archer.....	Allowance for fuel.....	10 00	
J. R. Cameron & Co.....	Chimneys and wicks.....	10 75	
Alex. R. Young.....	Lease, \$100; rent of land, \$27.88.....	127 88	401 21
	<i>Tubusintac Light.</i>		
Thos. Savoy.....	12 months salary as Light-keeper.....	\$197 52	
Receiver-General.....	do superannuation tax.....	2 48	
		200 00	
John Ferguson.....	White lead and oil.....	22 60	
Wm. Masson.....	Cotton and flannel.....	10 04	
J. H. Phinney.....	Galvanized stove-pipes.....	16 15	248 79
	<i>Wilmot's Bluff Light.</i>		
J. D. Wilmot.....	12 months salary as Light-keeper.....	80 00	
Barbour & Staples.....	Painting Lighthouse.....	41 10	
	Carried forward.....	121 10	48,070 44

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

		\$	cts.	\$	cts.
	Brought forward	121	10	48,070	44
<i>Wilmot's Bluff Light—Concluded.</i>					
Walter Lane.....	Repairs to Lighthouse.....	61	35		
W. H. Thorne & Co.	Paint and oil.....	9	50		
J. D. Wilmot.	Lumber and repairs.....	45	06		
				237	01
FOG-ALARMS.					
<i>Cape Enrage Alarm.</i>					
W. S. Starratt.....	12 months salary as Keeper.....	\$395	00		
Receiver-General.....	do superannuation tax.....	5	00		
				400	00
Price & Shaw	Wheel-barrow.....	7	00		
Wisdom & Fish.....	Boiler tubes.....	28	60		
Geo. Calhoun.....	Registering deed.....	3	00		
R. P. & W. F. Starr.....	80 tons coal, at \$2.50 per ton.....	200	00		
Geo. Calhoun.....	Freight on 80 tons coal, at \$1.75.....	140	00		
David Tingley.....	Carting 80 tons coal, at 90c.....	72	00		
Robt. Tingley	12½ cords wood, at \$4.....	50	00		
				900	60
<i>Escuminac Alarm.</i>					
Thos. Phillips	12 months salary as Keeper.....	\$395	00		
Receiver-General.....	do superannuation tax.....	5	00		
				400	00
Miramichi Foundry Co...	Valves.....	0	42		
H. C. Williston.	Carting supplies.....	8	00		
Price & Shaw	Wheel barrow.....	7	00		
Estey, Allwood & Co	Boiler tubes.....	286	52		
Thos. Phillips	Building coal shed.....	200	00		
R. R. Call.....	25 tons coal, at \$6.25.....	156	25		
Thos. Phillips	Expenses landing coal.....	16	95		
James Mitchell.....	Paid freight on boiler tubes.....	9	60		
W. H. Thorne & Co.	Lead pipe.....	1	47		
Miramichi Foundry Co...	Repairs to boiler.....	50	00		
James Nash	10 cords wood, at \$3.50.....	35	00		
J. L. Stewart.....	Advertising.....	7	60		
Chas. Bennett.....	Stove-pipe.....	4	50		
				1,184	21
<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...	Canvas and nails.....	38	36		
Price & Shaw	Wheel-barrow.....	7	00		
J. R. Cameron & Co	Wicks.....	1	50		
J. R. Styles.....	Carting coal and boarding men.....	144	82		
Wm. Styles.....	10½ days labour.....	12	60		
R. C. Bacon.....	Nails and stove-pipe.....	7	92		
J. R. Robert.....	Plank and boards.....	22	50		
John Moore.....	Lumber.....	38	61		
Jos. Canworth.....	Paint.....	5	10		
R. P. & W. F. Starr.....	80 tons coal, at \$2.50 per ton.....	200	00		
George Smith.....	Labour and travelling expense.....	70	46		
T. McAvity & Sons	Pipe and fittings.....	102	50		
W. H. Thorne & Co.	Chain and alcohol.....	33	75		
Wisdom & Fish.....	Steam gauge.....	15	00		
Estey, Allwood & Co	Rubber hose and fittings.....	51	70		
Geo. Cobham.....	Freight on 80 tons coal, at \$1.75.....	140	00		
Jas. E. Wright.....	3 cords wood, at \$5.25.....	15	75		
Allan Fales	Storing coal.....	6	37		
				1,213	94
	Carried forward.....			51,606	20

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

		\$ cts.	\$ cts.
Brought forward.....			51,606 20
<i>Grand Manan Alarm.</i>			
James Tatten	12 months salary as Keeper	\$693 72	
Receiver-General.	do superannuation tax.....	6 28	
		700 00	
D. B. McLaughlin.....	Repairs to boilers.. ..	77 69	
Price & Shaw	Wheel-barrow.....	7 00	
Wisdom & Fish.	Files, cement and lead	13 25	
J. R. Cameron & Co	Chimneys and wicks.....	11 20	
W. J. Fisher.....	Freight on supplies.....	3 55	
T. McAvity & Sons.	Boiler tubes	28 24	
W. A. Thorne & Co.	Oil and white lead	79 54	
L. H. Vaughan & Bros ..	Zinc, tin and stove-pipe.....	256 02	
W. W. Jordan	Duck waste and towels	67 00	
W. E. Tatten.....	Oil, lumber and nails	13 83	
Geo. Tatten.....	17 cords cordwood, at \$3.50, \$59.50; carting gravel, etc, \$40.....	99 50	
R. P. & W. F. Starr.	150 tons coal, at \$2.50	375 00	
Geo. Cobham.	Freight on 150 tons coal	562 50	
G. Hevenor.....	Copper pipe.....	15 60	
B. Robinson	28 days labour at repairs, \$2.....	56 00	
James Tatten.....	Boarding labourers.....	18 85	
C. E. Harding & Son.....	Lumber.....	147 41	
H. C. Guptill.....	do	9 28	
D. McKaughlin.	Amount of contract for new boiler.....	1,050 00	
			3,581 37
<i>Head Harbour Alarm.</i>			
Neil A. Seelye.....	12 months salary as Keeper.....	300 00	
R. P. & W. F. Starr.....	78 tons coal at \$2.50.....	195 00	
Nelson Gales.....	Labour on coal and repairs.....	19 50	
Price & Shaw.....	Wheelbarrow.....	7 00	
Geo. Cobham.....	Freight on 78 tons of coal \$3.25.....	253 50	
J. R. Cameron & Co	Chimneys.....	1 40	
T. McAvity & Sons.....	Rope and valve.....	22 81	
John Boyd.....	Purchase of land.....	250 00	
Wm. Lewis.....	Fitting boiler, tubes, etc.....	194 10	
W. H. Thorne & Co.....	Valve, pipe and alcohol.....	99 72	
W. W. Jordan.....	Towelling, cotton and waste.....	42 00	
L. R. Harrison.....	Expenses searching records, etc.....	149 10	
Joshua Seaman.....	Freight of supplies, passage of Keeper, etc.....	10 00	
Esty, Allwood & Co.	Forge, fittings, iron pipe, etc.....	161 17	
Hugh Belmore.....	7 cords cordwood at \$6.00.....	42 00	
John Woodley.....	Boat.....	46 50	
Barbour & Staples.....	Painting boiler	9 50	
Neil A. Seelye.....	Repairs to slip, \$15.57; freight, etc, \$14.15 gauge, \$7 90.....	37 62	
D. J. O'Dell.....	Lumber, boating, etc.....	92 69	
C. E. Seelye.....	Piling bricks.....	2 00	
F. Henry.....	do	4 00	
A. & J. McLean.....	Rope and nails.....	6 46	
Geo. Hutchison.....	Repairing clock.....	3 10	
Wisdom & Fish.....	Steam pump No. 2.....	112 50	
Carrier, Laine & Co.....	Brass reeds and tongues.....	79 50	
Clement Seelye.....	14 days labour	14 00	
Joseph Chambers.....	62½ days labour 48½ at \$2.00, \$97; 14 at \$2.50, \$35.00.....	132 00	
Wisdom & Fish.....	Safety valve.....	9 75	
F. Henry.....	Labour fitting up boiler	60 00	
Wm. Bacon.....	Freight of supplies.....	2 00	
D. Small.....	Freight do	2 00	
			2,360 92
Carried forward.....			57,548 49

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

		\$	cts.	\$	cts.
	Brought forward.....			57,548	49
<i>Lelete Alarm.</i>					
Geo. Holmes.....	12 months salary as Engineer.....	\$394	36		
Receiver-General.....	12 months superannuation tax.....	5	64		
				400	00
R. P. & W. F. Starr.....	78 tons coal at \$2.50.....			195	00
Price & Shaw.....	Wheelbarrow.....			7	00
Geo. Cobham.....	Freight on 78 tons of coal at \$3.25.....			253	50
J. R. Cameron & Co.....	Chimneys.....			5	60
Sidney Dines.....	Assisting Engineer 4 months, & 16 days, at \$150 per annum.....			56	40
A. & J. McLean.....	Lumber, nails, packing, etc.....			48	28
T. B. Barker & Sons.....	Paint and oil.....			55	82
A. C. Bowes & Co.....	Smoke stack and stove.....			42	20
G. McGee.....	Carting smoke stack.....			2	00
Geo. Holmes.....	Boarding boiler-makers, freight, etc.....			53	35
F. J. Webster.....	Assisting Engineer 9 months.....			111	00
Joseph Chambers.....	Carting 78 tons coal, \$39; labour, sand, etc.; \$12.....			51	00
Hugh Belmore.....	7 cords of cordwood at \$6.00.....			42	00
Wm. Lewis & Son.....	Labour, repairs to boiler and boiler grate.....			248	80
W. H. Thorne & Co.....	Boiler rivets.....			21	11
C. McNichol.....	Cartage of supplies.....			9	00
Estey, Allwood & Co.....	Pipe and fittings.....			18	17
E. Willis.....	Advertising.....			8	00
Alex Dick.....	Tallow.....			4	20
				1,632	43
<i>Miscou Alarm.</i>					
Robert Rivers.....	12 months salary as Engineer.....	\$296	28		
Receiver-General.....	do superannuation tax.....	3	72		
				300	00
Miramichi Foundry Co..	Flanges and nipples.....			2	05
Price & Shaw.....	Wheelbarrow.....			7	00
Robert Rivers.....	25 cords wood at \$3, \$75; leather, plank, oil, etc., \$31.75.....			106	75
				415	80
<i>Machias Seal Island Alarm.</i>					
David Webster.....	12 months salary as Engineer.....			500	00
Price & Shaw.....	Wheelbarrow.....			7	00
G. W. Meloon.....	Boating supplies.....			60	00
R. P. & W. F. Starr.....	160 tons coal at \$2 50.....			400	00
Geo. Cobham.....	Freight on 158 tons coal at \$4.....			632	00
Chas. Webster.....	Labour housing coal.....			6	00
David Webster.....	Boarding labourers.....			17	12
Samuel Blunt.....	Labour housing coal.....			15	00
Geo. Goramen.....	do.....			15	00
A. J. Meloon.....	Boating supplies.....			48	00
W. H. Thorne & Co.....	Shovels, etc.....			5	25
Frank Holmes.....	Labour housing coal.....			15	00
Hugh Belmore.....	15 cords of cordwood and freight, at \$8.00.....			120	00
John Woodley.....	Boat.....			46	50
T. H. Wilder.....	Postage and rope.....			4	89
D. McLauchlan & Sons..	On account of repairs to boiler.....			30	00
				1,921	76
<i>Partridge Island Alarm.</i>					
James Wilson.....	12 months salary as Engineer.....	\$395	00		
Receiver-General.....	do superannuation tax.....	5	00		
				400	00
R. P. & W. F. Starr.....	160 tons of coal, at \$2.50.....			400	00
	Carried forward.....			800	00
				61,518	48

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

		\$ cts.	\$ cts.
	Brought forward	800 00	61,518 48
FOG ALARMS—Continued.			
<i>Partridge Island Fog Alarm—Concluded.</i>			
Joggin's Coal Mine Association	70 Tons of coal and freight, at \$4.90	343 00	
Price & Shaw	Wheel-barrow.....	7 00	
Henry King	Carting coal, boating and labour.....	443 50	
S. G. Blizard	Lumber.....	90 35	
Wisdom & Fish	1 Blake's steam pipe and safety valve	274 42	
J. R. Cameron & Co.....	Chimneys and wicks	9 35	
John Smith	Repairs to engine, fire bars, and labour.....	118 91	
W. H. Thorne & Co	1 set bellows, shovels, etc.....	23 90	
T. B. Barker & Son.....	Packing, sponges and waste.....	70 64	
Knox & Firth.....	Baskets.....	1 50	
Baley & Fleming.....	Repairing cart.....	7 00	
L. H. Vaughan & Bros.....	Rope.....	14 69	
W. W. Jordan.....	Cotton, flannel and waste.....	28 40	
Estey, Allwood & Co.....	Pump leather and lacing.....	6 67	
Geo. Hutchinson.....	Clock.....	8 00	
A. G. Bowes & Co	Stove.....	9 55	
James Wilson	Boarding labourers.....	4 00	
D. McLachlan & Sons.....	Amount of contract for new boiler.....	1,030 00	
E. Ross.....	Repairs to boat.....	13 20	
T. M. Robinson	Top wharfage on boiler	6 00	
Wm. Lewis & Son.....	On account of contract for fitting up boiler.....	750 00	
Joggin's Coal Mine Association	175½ tons of coal.....	471 98	
Geo. Cobham	Freight on coal.....	449 38	
D. McLaughlin & Sons.....	Boiler pipes	83 22	
H. S. Gregory.....	Scow hire.....	10 50	
J. C. Morris	Labour and inspecting fitting up pump.....	115 00	
			5,190 16
<i>Point Lepreaux Alarm.</i>			
Wm. Gallant.....	12 months salary as Engineer	\$444 36	
Receiver-General.....	do superannuation tax	5 64	
			450 00
R. P. & W. F. Starr	172 tons of coal, at \$2.50.....	430 00	
Price & Shaw	Wheel-barrow	7 00	
J. R. Cameron & Co	Chimneys.....	3 70	
Wm. Gallant	7 cords of wood, \$24.50 ; repairs, lumber, freight, etc., \$63.80.....	88 30	
J. W. Harrington.....	Room paper.....	4 80	
Chas. Thompson.....	Carting 172 tons of coal, at 90cts.....	154 80	
Wm. Thompson.....	Ground rent for 1882.....	6 00	
Wm. Lewis	Car wheels.....	40 54	
W. H. Thorne & Co.....	Brushes, alcohol, shovels, soap, etc.....	82 80	
L. H. Vaughan Bros.....	Bellows, rope and grindstone.....	44 40	
W. W. Jordan.....	Towels, duck and cotton.....	47 41	
Estey, Allwood & Co.....	Packing and boiler felt	65 99	
S. G. Blizard.....	Lumber.....	4 00	
A. G. Bowes & Co.....	Stove.....	14 00	
			1,443 74
<i>Church Point Light.</i>			
J. D. Weldon.....	Horse hire.....	4 50	
J. Hutchinson.....	Freight on oil tank, etc.....	8 72	
			13 22
	Carried forward.....		68,165 69

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

		\$	cts.	\$	cts.
	Brought forward.....			68,165	60
BUOYS AND BEACONS.					
GENERAL ACCOUNT.					
Wm. Thompson & Co.....	Freight on anchors.....		17 52		
Joseph Wright & Co.....	Anchors.....		259 09		
Wm Lewis & Son.....	Buoys, chain, repairing, etc.....		142 65		
C. E. Harding & Son.....	do buoystones and lumber.....		295 06		
John Harrison.....	Granite rocks.....		27 50		
Thomas Perrin.....	Repairing buoys.....		67 75		
Henry King.....	Storage on buoys.....		27 00		
T. B. Barker & Sons.....	Paint and oil.....		9 98		
				846	55
<i>Bell Buoy.</i>					
Henry King.....	Boating and labour.....		40 00		
Wm. Lewis & Son.....	Chains, shackles, labour and repairs.....		501 67		
Scammell Bros.....	Freight on automatic buoy.....		50 00		
John Cotter.....	Lifting, mooring, placing and labour.....		301 50		
Cook & Co.....	Automatic bell buoy.....		850 00		
John Clark.....	Towing.....		20 00		
Barbour & Staples.....	Painting.....		60 00		
				1,823	17
<i>Bathurst.</i>					
E. D. Chase.....	New buoys, placing and lifting.....			115	00
<i>Buctouche.</i>					
M. Girouard.....	New buoys, placing and lifting.....		30 00		
J. S. Dickson.....	Lifting buoys.....		25 00		
John Brooks.....	Placing and lifting buoys.....		120 85		
				175	85
<i>Bliss Harbour.</i>					
Wm. Lewis & Son.....	Repairing buoys.....		15 00		
Barbour & Staples.....	Painting buoys.....		8 00		
				23	00
<i>Campbellton.</i>					
J. F. Dougherty.....	Placing and lifting buoys.....			57	00
<i>Caraquet.</i>					
P. L. Porlier.....	Placing buoys.....		166 90		
Thomas J. Maher.....	Placing and lifting buoys.....		39 00		
G. B. Paulin.....	Placing four buoys.....		10 00		
				215	90
<i>Campo Bello.</i>					
Joseph Boyd.....	Painting and placing buoy.....			28	00
<i>Dalhousie.</i>					
Robt. McNeil.....	Placing and lifting buoys.....			156	66
	Carried forward.....			71,608	73

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

		\$ cts.	\$ cts.
Brought forward			71,606 73
BUOYS AND BEACONS—Continued.			
<i>Dorchester.</i>			
Wm. Lewis	Fitting chain	3 50	
A. S. Chambers	Placing and lifting buoys	20 00	
Joshua King	Placing buoys	20 55	
			44 05
<i>Grand Lake.</i>			
Robert McMann	Buoys, painting, placing and lifting	82 50	
Wm. Lewis & Son	Ironing buoys	6 50	
J. F. Purdy	Placing and lifting	28 50	
A. Coakley	Buoy and placing	6 00	
			123 50
<i>Grand Manan.</i>			
Wm. Lewis & Son	Shackles and repairs	37 00	
F. Cronk	Placing buoys	35 00	
Barbour & Staples	Painting buoys	8 00	
			80 00
<i>Grand Anse.</i>			
Ubald Landry	Placing and lifting buoys		6 00
<i>Grindstone Island.</i>			
Wm. Woods	Freight and placing buoys	87 00	
R. H. McLean	Freight on buoys	10 60	
Wm. Lewis & Son	Repairing buoys	10 00	
Joseph McAlmon	Painting buoys	20 00	
Barbour & Staples	do	14 00	
			141 60
<i>Gannet Ledge.</i>			
Wm. Lewis & Son	Making buoys and repairs	73 75	
Barbour & Staples	Painting buoys	6 50	
			80 25
<i>Harvey.</i>			
Wm. Wood	Lifting buoys		60 00
<i>Hopewell.</i>			
Wm. Wood	Freight on buoys		15 00
<i>Miramichi.</i>			
Miramichi Foundry Co...	Iron and repairs to buoys	83 00	
Estate Jas. Walls	Placing and lifting buoys	400 00	
D. & J. Anslow	Advertising	8 50	
John Sadler	Chain and storage on buoys	128 89	
Robt. J. Walls	Buoys, painting and placing	204 25	
			824 64
Carried forward			72,981 77

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

		\$ cts.	\$ cts.
	Brought forward		72,981 77
	BUOYS AND BEACONS—Continued.		
	<i>Neguac.</i>		
Romani Savoy.....	Placing and lifting buoys		106 66
	<i>Pokemouche.</i>		
John Maher.....	Placing and lifting buoys.....		39 00
	<i>Petit Rocher.</i>		
Hilarion Roy	Placing and lifting buoys		20 ⁰⁰
	<i>Quaco.</i>		
Robert Carson.....	Freight on buoys		10 00
	<i>Richibucto.</i>		
James A. Jardine	Placing and lifting buoys.....	120 00	
Charles Powell.....	do do	158 33	
			278 33
	<i>Shippegan.</i>		
Joseph Robicheaux.....	Placing and lifting buoys.....	75 00	
John DeGrace.....	Inspecting buoys moorings	6 00	
			81 00
	<i>Shediac.</i>		
E. C. White.....	Lifting buoys.....	46 00	
T. B. Barker & Sons.....	Paint and oil.....	20 98	
Alexander McQueen.....	Painting and placing buoys.....	49 73	
			116 71
	<i>Shemogue.</i>		
James McKay	Allowance for placing buoys, 1882		80 00
	<i>St. Andrews.</i>		
John Bolson.....	Placing and repairing buoys	53 84	
John Quinn	Painting and placing buoys	24 25	
			78 09
	<i>St. George.</i>		
James Dick.....	Painting, placing and lifting buoys.....	158 50	
James O'Brien.....	Ironing buoys	24 80	
T. B. Barker & Sons.....	Paint and oil.....	12 43	
			195 73
	<i>St. Stephen.</i>		
Charles Young	Lifting buoys.....	42 50	
Marks Young	Painting and placing buoys.....	40 00	
H. H. Reed.....	Iron-work on buoys.....	3 50	
			86 00
	Carried forward.....		74,073 29

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

		\$ cts.	\$ cts.
	Brought forward.....		74,073 29
BUOYS AND BEACONS—Continued.			
<i>St. John River.</i>			
William Lewis & Son	Cutting chain, 4 buoys	47 50	
L. H. Vaughan & Bros...	Chain, paint and oil.....	52 41	
Alfred Belyea	Placing buoys.....	8 00	
J. S. Vanwart.....	do	15 00	
Morris Scovill.....	Placing and painting buoys.....	10 00	
S. Wetmore.....	Picking up buoys.....	4 50	
W. McLeod.....	Bushing channel.....	7 00	
N. McDonald	Placing buoys.....	10 00	154 41
<i>Split Rock.</i>			
Henry King	Labour, scraping buoys.....		16 00
<i>Tracadie.</i>			
Vital Arceno.....	Placing and lifting buoys.....	117 85	
Peter Ferguson	Painting and placing buoys	47 00	
William Ferguson	Placing buoys and pickets	33 00	197 85
<i>West Isles.</i>			
J. E. Silliker	Placing and lifting buoys.....	30 00	
Thomas H. Parker	Spar buoy, placing and lifting.....	110 00	140 00
<i>Washademoak.</i>			
William Lewis & Son ...	Two buoys and shackles.....		21 00
			74,602 55
Queen's Printer.....	Stationery and printing	96 67	
Pub. Buildings St. John, N. B.....	Share of heating and attendance.....	248 70	345 37
			74,947 92

WM. SMITH,
Deputy Minister Marine & Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 5

To the Sixteenth Annual Report of the Department of Marine and Fisheries,
being Statement of Expenditure in connection with the Maintenance of
Lighthouses, Steam Fog-Whistles, etc., in Nova Scotia, for the Fiscal
Year ended 30th June, 1883.

GENERAL ACCOUNT.		\$ cts.	\$ cts.
Charles Neal.....	Labour, truckages, freights, etc	1,311	63
Bell Telephone Co.....	12 months rent of telephones, to 30th Sept., 1883 ..	120	00
Post Office.....	Rent of box.....	5	00
Richard Abbott.....	Double and single blocks.....	8	43
J. Overy.....	Cartage of supplies.....	101	78
J. K. Bent.....	12 galls. porpoise oil, at \$1.50, \$18; cartage, 15c..	18	15
Mackintosh & McInnes ..	Lumber, casks, boxes, etc.....	118	45
W. W. Shaw.....	Hay for packing.....	2	10
James Fraser.....	Building 2 oil stores.....	240	00
Lordly & Stimpson.....	Buckets and brooms.....	43	50
Robert Baxter.....	Furniture for wharf office.....	19	00
do.....	Bedding for carpenters.....	55	00
do.....	Repairing bookcase.....	2	50
A. & W. Mackinlay.....	Stationery.....	130	83
W. S. Symonds & Co.....	Test pumps.....	52	60
do.....	Swage blocks.....	40	30
do.....	Repairing boiler.....	1,146	94
Intercolonial Railway....	Freight of supplies.....	5	52
H. W. Johnston.....	Travelling expenses.....	27	75
do.....	Paid freight on flags.....	3	26
do.....	12 months salary as Agent.....	\$1,960	00
Receiver-General.....	do superannuation tax.....	40	00
F. O. Vallerand & Bro...	Fog-horns.....	2,000	00
L. C. Barney.....	Plate glass.....	245	25
E. H. Solomon.....	Survey plan Quaker Island.....	160	25
City Treasurer.....	Water rates.....	11	50
A. F. Salter.....	4 tons coal, and cartage, for wharf offices.....	50	00
Starr Manufacturing Co.	Repairing reflectors.....	28	05
Halifax Carpet Co.....	Floor cloth, blinds, etc.....	85	55
J. R. Gordon.....	Sponges.....	37	45
J. Hogan & Sons.....	Lumber, ladders, etc.....	70	00
Michael Walsh.....	Lumber, and building blacksmith's shop.....	43	87
Conlon Bros.....	Hack hire, straw, etc.....	124	06
R. A. Nisbet.....	Medicine boxes.....	26	25
Robert Wier.....	Erecting light at Mass Town.....	16	00
do.....	do Economy.....	36	00
do.....	do Port-à-pique.....	28	00
Jeheal Carr.....	do.....	25	00
National Manufact'g Co.	Ensigns.....	10	17
W. N. Brown.....	Hand-cart, wheelbarrows, etc.....	44	95
Trinity House, London...	Rouge.....	83	18
J. E. Butler.....	Flagstaff for store.....	3	40
Henry Watt.....	Inspecting oil stores.....	18	00
White & Simmonds.....	Tinware, oil tanks, etc.....	320	85
J. N. Nieforth.....	Iron work (wharf and stores).....	45	50
A. Moir & Sons.....	do do.....	5	10
J. E. M. Taylor.....	Glass and cutting.....	89	17
C. C. Morton.....	Blank books.....	3	25
Fishwick's Express.....	Freight of supplies.....	5	02
Henry Haverstock.....	Boxes for packing.....	5	02
George E. Smith & Co...	Hardware, glass, white lead, brushes, etc.....	1,765	67
John Cawsey.....	Building chimney, forge, etc.....	98	70
John Stairs.....	Fittings for blacksmith's shop.....	131	42
Carried forward.....		9,098	55

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

		\$ cts.	\$ cts.
	Brought forward	9,098 55	.....
GENERAL ACCOUNT—Continued.			
J. K. Christie.....	Blacksmith's wages.....	294 75	
Malcom McNeil.....	do	118 13	
S. Cunard & Co.....	Coals, \$26.68; cartage, \$3.55.....	30 23	
John P. Mott & Co.....	Soap, tallow, lime, etc.....	330 30	
Burns & Murray.....	Towelling, cotton, flannel, ticking, etc.....	223 98	
R. H. Cogswell.....	Hoisting time ball, 1 year, to 1st April, 1883	100 00	
Union Glass Co.....	Chimneys	503 43	
Nova Scotia Glass Co.....	do	148 50	
H. F. Sutherland & Co.....	Oil tanks	130 00	
Alpin Grant	12 months rent of wharf and stores, to 30th June, 1883.....	1,500 00	
Imperial Oil Co.....	25,516 1/2 gallons oil, at 26 c	6,634 19	
D. McPherson.....	Storage of oil.....	335 29	
James Major.....	Labour at wharf and stores	335 20	
Edward Bennett.....	Night watching, labour, etc.....	435 00	
John Findlay.....	Repairing boats, etc	60 00	
Macdonald & Co.....	Alarms, whistle valves, repairing clocks, etc.....	526 25	
R. A. Guildford.....	Labour landing coal.....	8 20	
Henry Dolby.....	12 months salary as Clerk.....	\$980 00	
Receiver-General.....	do superannuation tax.....	20 00	
		1,000 00	
W. J. Ouldfield.....	12 months salary as Messenger.....	300 00	
C. Ouldfield.....	Cleaning offices, washing, etc.....	103 50	
J. Lovell & Sons.....	Annual register.....	3 00	
Intercolonial Express.....	Freight cheque books.....	1 10	
McGregor & Knight.....	Map of British North America.....	6 00	
H. A. Jennings.....	12 months subscription to Toronto Mail	7 00	
Creighton Marshall.....	Binding books, etc.....	21 40	
Gordon & Keith.....	Repairing office furniture	10 45	
British American Bank Note Co.....	Cheque books.....	58 13	
Montreal Stencil Co.....	Stamps.....	7 50	
New Era.....	Advertising	7 80	
Herald Printing Co.....	do	132 95	
Geo. E. Morton.....	Postage stamps.....	168 75	
Western Union Telegraph Co.....	Telegrams.....	260 13	
Morning Chronicle.....	Advertising	9 60	
Yarmouth Tribune.....	do	2 56	
C. M. Creed.....	Subscription to reading room.....	6 00	
C. Annand.....	do Chronicle and Citizen.....	10 00	
H. S. King & Co.....	do Nautical Magazine.....	3 75	
Blackadar Bros.....	do Acadian Recorder, 2 years	10 00	
Yarmouth Times.....	Advertising	3 51	
		22,945 13	
FOG-WHISTLES.			
<i>Brier Island.</i>			
	216 tons coal, at \$2.50	540 00	
R. P. & W. F. Starr.....	Freight on 196 tons coal, at \$3.....	588 00	
A. S. Townshead.....	Teaming 77 1/2 tons coal, at \$1.40	108 15	
Charles Pugh.....	do 39 1/2 do	54 95	
F. Durkie.....	do 54 1/2 do	75 95	
James Morrill.....	do 45 1/2 do	63 35	
Holland Graham.....	12 cords wood, at \$6	72 00	
E. C. Bowers.....	Repairs to engine.....	21 05	
Burrill, Johnson & Co.....	12 months salary as Engineer.....	\$493 76	
F. Sutherland.....	do superannuation tax.....	6 24	
Receiver-General.....		500 00	
		2,023 45	
	Carried forward.....	24,968 58	

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

		\$	cts.	\$	cts.
	Brought forward.....			24,968	58
FOG WHISTLES—Continued.					
<i>Cape Sable.</i>					
R. P. & W. F. Starr.....	160 tons coal, at \$2.50.....	400	00		
J. H. Harding.....	Paid freight do.....	760	00		
W. S. Symonds & Co.....	Steam pipe.....	1	75		
Isaac Doane.....	Teaming 95 tons coal, at 75 c.....	71	25		
Geo. E. Smith & Co.....	Coal shovels.....	3	00		
				1,236	09
<i>Cape d'Or.</i>					
A. W. Gow.....	Porpoise oil.....	1	40		
A. S. Townshend.....	Freight on coals.....	245	10		
R. P. & W. F. Starr.....	156 tons coal, at \$2.50.....	390	00		
Edward Hartwell.....	Stove pipe and elbows.....	5	64		
N. B. Morris.....	12 cords wood, at \$4.....	48	00		
W. J. Gibson.....	Hardware, stove, etc.....	41	02		
E. Blenkhorn.....	Teaming lumber.....	8	50		
J. J. Hanning.....	Teaming 78 tons of coal.....	78	00		
J. M. Crossman.....	do.....	78	00		
W. W. Barto.....	Teaming timber.....	6	00		
Joseph Carey.....	Labour at tramway.....	8	35		
A. McLellan.....	do.....	37	50		
W. S. Symonds & Co.....	Lighterage of boiler, grate bars, etc.....	70	99		
E. Larochele.....	Labour landing boiler and bricks.....	62	60		
A. H. Rand.....	Board of labourers.....	14	40		
do.....	Boat.....	22	00		
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.....	300	00		
				1,918	40
<i>Cranberry Island.</i>					
W. S. Symonds & Co.....	Hose, stays and tap.....	462	50		
Geo. E. Smith & Co.....	Muriatic acid.....	1	10		
James McDonald.....	14 cords of wood at \$6.....	84	00		
Acadia Coal Co.....	150 tons of coal at \$2.30.....	345	00		
Henry Carr.....	Labour landing brick.....	3	00		
James Hanlon.....	Salary as Engineer from 1st July, '82, to 4th May, '83.....	379	42		
				1,275	02
<i>Cross Island.</i>					
A. B. Caldwell.....	8 tons coal at \$6 75.....	54	00		
Reuben Heisler.....	Teaming coal poles, wood, etc.....	40	28		
Henry Carr.....	Repairing boiler.....	3	75		
Richard Abbott.....	Blocks.....	5	10		
Geo. E. Smith & Co.....	Lamp, wick and files.....	1	10		
W. S. Symonds & Co.....	Repairs to boiler and machinery.....	197	26		
				301	49
<i>Digby.</i>					
R. P. & W. F. Starr.....	78 tons coal at \$2.50.....	195	00		
A. S. Townshend.....	Freight do.....	140	00		
W. E. Ellis.....	Wood, \$4; hauling 156 tons coal, \$124.80.....	128	80		
				463	80
	Carried forward.....			30,163	29

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

		\$ cts.	\$ cts.
Brought forward.....			30,163 29
FOG WHISTLES—Continued.			
<i>St. Paul's Island.</i>			
Geo. E. Smith & Co.....	Hardware.....	57 20	
do	170 tons coal at \$4.60.....	782 00	
do	Demurrage to schooner.....	40 00	
Archibald & Co.....	125 coal bags, at 26c.....	32 50	
R. Muirhead.....	12 months salary as Engineer.....	\$493 76	
Receiver-General.....	do superannuation tax.....	6 24	
		500 00	1,411 70
<i>Seal Island.</i>			
Smith Bros.....	10 cords of wood at \$3.50.....	35 00	
Acadia Coal Co.....	115 tons coal at \$2.30.....	264 50	
Buckley & Allen.....	Hauling and storing coal.....	87 00	
Geo. E. Smith & Co.....	Wrench and file.....	3 50	
Wm. Robinson.....	11½ cords of wood at \$3.50.....	40 25	
Macdonald & Co.....	Alarm, \$65; rubber and castings, \$43 20.....	108 20	
White & Simmonds.....	Stove, pipe and elbows.....	8 00	
R. P. & W. F. Starr.....	91½ tons coal at \$3.10.....	282 30	
B. D. King.....	Freight on above.....	409 50	1,238 25
<i>Sambro.</i>			
W. M. Smith.....	Inspecting and testing boilers and machinery, and travelling expenses.....	58 10	
John Mizenor.....	Freight of lumber.....	10 50	
John Patterson.....	Two boilers as per contract.....	1,900 00	
J. Bowser.....	Repairing tramway.....	24 40	
Thomas Ead.....	Labour at coal.....	44 20	
Charles Neal.....	do.....	16 25	
W. S. Symonds & Co.....	Valve rod.....	6 75	
do	Altering and fitting car axles.....	54 10	
do	Oil fit for boilers.....	663 20	
do	Labour on boiler and engines.....	327 00	
do	Door, piping, etc.....	7 25	
Geo. E. Smith & Co.....	Hardware, rope, washers, etc.....	79 34	
Major James Wray.....	Rent of land.....	0 24	
Clarissa Smith.....	Conveyance of Engineer and machinery.....	16 00	
Acadia Coal Co.....	Coals, 180½ tons, at \$3.10; 103½ tons, at \$2.30.....	797 82	
J. Hogan & Sons.....	Lumber.....	89 27	
John Smith.....	15 cords wood, at \$5.50.....	82 50	
James Fagan.....	Freight on car wheels.....	8 60	
Stewart Gilkie.....	Labour at coal.....	20 00	
W. McFatridge.....	Car wheels, blocks, etc.....	327 25	
D. Waddell.....	Freight on 130 tons coal, at \$2.....	260 00	
do	Lighterage of boilers to and from Sambro'.....	255 00	
A. Gilkie.....	Board of carpenters.....	283 00	
John P. Mott & Co.....	Brick and lime.....	83 50	
R. Abbott.....	Blocks.....	4 68	
A. Houseman.....	To pay for boiler-makers and machinists' wages.....	515 25	
Michael Walsh.....	Repairing engine house and coal shed.....	94 95	
Lawson, Harrington & Co.....	Services of tug-boat.....	77 00	
Henry Carr.....	Labour.....	1 50	
Macdonald & Co.....	Making and repairing flanges, etc.....	38 85	
John Cawsey.....	Sand.....	7 00	6,152 90
<i>Sheburne.</i>			
J. Hogan & Sons.....	Bricks, timber and shingles for engine house.....	357 08	
J. Dempster & Co.....	Lumber.....	32 15	
Carried forward.....		389 43	38,966 14

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

		\$ cts.	\$ cts.
Brought forward.....		389 43	38,966 14
FOG WHISTLES—Conclud^d.			
<i>Shelburne—Concluded.</i>			
John P. Mott & Co.....	Lime.....	33 75	
Geo. E. Smith & Co.....	Hardware, glass, etc.....	72 19	
D. M. Browne.....	Paid labour landing lumber, etc.....	62 60	
F. Demings.....	do do.....	11 34	
Mackintosh & McInnes..	Timber, lumber, etc.....	213 14	
		-----	782 25
<i>Scatterie Fog-Alarm.</i>			
Geo. E. Smith & Co.....	Hardware.....	13 00	
Jas. W. Brown.....	10 cords wood, at \$3.50.....	35 00	
do	Finishing roofing, painting.....	37 15	
Archibald & Co.....	Freight on supplies.....	4 59	
do	Coals, 179 tons, at \$4, \$716; 138 ² / ₅ tons, at \$3.75, \$520.26.....	1,236 26	
Macdonald & Co.....	Gauge glasses.....	2 40	
White & Simmonds.....	Solder and charcoal.....	5 00	
Malcom Ferguson.....	12 months salary as Engineer.....	\$395 00	
Receiver-General.....	do superannuation tax.....	5 00	
		-----	400 00
		-----	1,733 40
<i>Yarmouth.</i>			
R P. & W. F. Starr.....	156 tons coal, at \$2.50.....	390 00	
Estey, Allwood & Co.....	Suction hose.....	110 00	
A. S. Townshend.....	Freight on coals.....	528 75	
E. A. G. Ryerson.....	Cement.....	6 00	
T. C. Redding.....	Repairs and horse hire.....	5 25	
Parker, Eakens & Co.	Tar, pitch, oakum, etc.....	24 16	
Lyman J Rogers.....	Caulking tank.....	22 00	
E. C. Clements.....	12 cords wood, at \$4.50.....	54 00	
Jacob Harris.....	Hauling water, use of road, etc.....	115 50	
Burrill, Johnson & Co....	Supplies and repairs to fog-alarm.....	138 88	
		-----	1,394 54
LIGHTHOUSES.			
SUPERINTENDENT OF LIGHTS.			
D. M. Brown.....	Travelling expenses.....	602 47	
do	12 months salary as Superintendent.....	\$1,176 00	
Receiver-General.....	do superannuation tax.....	24 00	
		-----	1,200 00
		-----	1,802 47
<i>Amet Island.</i>			
W. P. Anderson.....	Travelling expenses inspecting.....	53 29	
W. McCully.....	Repairing protection work.....	31 80	
D. & A. Campbell.....	Arbitrators award <i>in re</i> protection work.....	599 47	
S. A. Brookfield.....	Travelling expenses, arbitration fees, etc.....	215 14	
John McFarlane.....	Ladder, room-paper.....	8 92	
do	12 months salary as Light-keeper.....	\$443 76	
Receiver-General.....	do superannuation tax.....	6 24	
		-----	450 00
		-----	1,358 62
<i>Annapolis.</i>			
Dakin Bros.....	Tinsmith's repairs.....	8 28	
W. E. Ellis.....	Truckage of supplies.....	8 00	
		-----	16 28
Carried forward.....		16 28	46,037 42

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

		\$ cts.	\$ cts.
Brought forward.....		16 28	46,037 42
LIGHTHOUSES—Continued.			
<i>Annapolis—Concluded.</i>			
W. E. Ellis.....	12 months salary as Light keeper	\$ 795 00	
Receiver-General.....	do superannuation tax.....	5 00	
		800 00	816 28
<i>Apple River.</i>			
James Tate.....	12 months salary as Light-keeper.....	\$ 375 28	
Receiver-General.....	do superannuation tax.....	4 72	
			380 00
<i>Arichat.</i>			
W. Stairs, Son & Morrow.	Tinsmith's repairs	8 72	
Chas. D. Coste.....	12 months salary as Light-keeper	\$ 246 88	
Receiver-General.....	do superannuation tax.....	3 12	
		250 00	258 72
<i>Argyle.</i>			
H. H. Hamilton	Repair to Light, ropes, &c.....	51 84	
do	12 months salary as Light-keeper.....	\$ 345 04	
Receiver-General	do superannuation tax.....	4 36	
		350 00	401 84
<i>Barrington.</i>			
J. P. Mott & Co.....	Bricks and lime.....	12 50	
Geo. E. Smith & Co.....	Hardware, paint, oil, &c.....	137 44	
M. P. Nickerson	Freight on lantern, &c	80 00	
Mackintosh & McInnis....	Timber, lumber, etc	231 06	
Henry Watt	Erecting new lantern.....	514 50	
Wm. Robertson.....	Bands and bolts	8 85	
Brookfield Bros.....	Cement	4 40	
W. McFatrige	Old sail.....	6 16	
Geo. H. Snow	Painting Lighthouse and oil store	25 00	
do	12 months salary as Light-keeper.....	\$ 345 00	
Receiver-General	do superannuation tax.....	5 00	
		350 00	1,369 91
<i>Beaver Island.</i>			
A. F. Smith	Freight of boat	2 00	
J. W. Hall.....	Repairing boat	5 22	
do	12 months salary as Light-keeper.....	\$ 395 00	
Receiver-General.....	do superannuation tax.....	5 00	
		400 00	407 22
<i>Bird Island.</i>			
Wm. Ross	Repairs, fencing, etc.....	49 50	
Archibald & Co.....	Freight supplies	1 05	
Angus Ross	12 months salary as Light-keeper.....	\$ 395 00	
Receiver-General.....	do superannuation tax.....	5 00	
		400 00	450 55
<i>Black Rock.</i>			
James Robinson	Repairs, painting, etc.....	35 00	
do	12 months salary as Light-keeper.....	\$ 355 00	
do	do superannuation tax.....	4 48	
		360 00	395 00
Carried forward.....			50,516 94

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

		\$	cts.	\$	cts.
Brought forward				50,516	94
LIGHTHOUSES—Continued.					
<i>Black Rock Point.</i>					
Roderick McLeod	Mason work		4 55		
John Old	Replacing glass, etc.		6 83		
Donald Morrison	12 months salary as Light-keeper	\$ 345	64		
Receiver-General	do superannuation tax		4 36		
			350 00		361 38
<i>Boars Head.</i>					
Henry M. Ruggles	Repairs to oil tank, lumber, lime, etc		37 00		
do	12 months salary as Keeper	\$ 395	00		
Receiver-General	do superannuation tax		5 00		
			400 00		437 00
<i>Brier Island.</i>					
Intercolonial Railway	Freight of lantern, etc		69 84		
E. Chanteloup	Lantern, lamps, etc.	1,465	60		
Edgar Porter	Teaming lantern		19 50		
Henry Watt	Erecting new lantern	357	53		
Geo. E. Smith & Co.	Hardware, paint, etc.		99 96		
J. Hogan & Sons	Ladder		3 15		
D. M. Browne	Paid for hauling lumber		24 00		
Mackintosh & McInnis	Timber and lumber		207 31		
B. H. Ruggles	Lime and plaster		4 29		
Joseph Southern	Building road		20 00		
do	12 months salary as Light-keeper	\$ 454	28		
Receiver-General	do superannuation tax		5 72		
			460 00		2,731 18
<i>Burnt Coat.</i>					
W. Faulkner	12 months salary as Keeper		246 88		
Receiver-General	do superannuation tax		3 12		
					250 00
<i>Bon Portage.</i>					
John Hogan & Son	Shingles and lumber		59 86		
George E. Smith & Co	Paint, paper, hardware, etc.		43 24		
Henry Watt and others	Carpenters' repairs		156 65		
J. P. Trefry	Conveyance and board of carpenters		17 50		
Western Railway Co.	do of carpenters		13 00		
Macdonald & Co	Fountains, repairing lamps, etc.		26 10		
White & Simmonds	Zinc shingles		12 00		
Fishwick's Express	Conveyance of carpenters		21 75		
W.W. Wrayton	Board of carpenters		43 82		
do	12 months salary as Light-keeper	\$ 345	64		
Receiver-General	do superannuation tax		4 36		
			350 00		743 92
<i>Betty's Island.</i>					
R. McDonald & Co	Repairing burners		4 35		
P. Christian, sen.	Cartage and labour on oil		10 00		
do	12 months salary as Light-keeper	\$ 493	76		
Receiver-General	do superannuation tax		6 24		
			500 00		514 35
Carried forward					55,554 77

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

		\$	cts.	\$	cts.
Brought forward.....				55,554	77
LIGHTHOUSES—Continued.					
<i>Brooklyn Pier.</i>					
Joseph Gardner.....	Painting.....		3 75		
do.....	12 months salary as Light-keeper.....		182 50		186 25
<i>Cow Bay Beacon.</i>					
Arch. McKinnon.....	Taking care of light.....		50 00		
White & Simmonds.....	Reflectors.....		4 50		54 50
<i>Cape Canso.</i>					
Alfred Ogden.....	Freight of supplies.....		17 50		
Michael Walsh.....	Travelling expenses inspecting.....		34 50		
James Hanlon.....	Paid freight of supplies.....		8 32		
do.....	Salary as Light-keeper from 1st July, 1882 to 4th May, 1883.....	\$416	32		
Receiver-General.....	do superannuation tax.....	4	68		
			421 00		
James Lepper.....	Salary as Light-keeper from 4th May to 30th June, 1883.....		140 50		621 82
<i>Canso Harbour.</i>					
O. Langley.....	Painting.....		15 00		
Lawrence Power.....	12 months salary as Light-keeper.....	\$197	52		
Receiver-General.....	do superannuation tax.....	2	48		
			200 00		215 00
<i>Cape North.</i>					
R. H. Cogswell.....	Spy-glass.....		8 50		
James E. Morris.....	Travelling expenses and repairs to apparatus.....		151 25		
John McKinnon.....	Trucking flag-staff.....		10 00		
do.....	On account of building road.....		200 00		
do.....	12 months salary as Light-keeper.....	\$395	00		
Receiver-General.....	do superannuation tax.....	5	00		
			400 00		769 75
<i>Cape George.</i>					
Alexander Matheson.....	Carpenters' repairs.....		24 00		
Norman Murray.....	Salary as Light-keeper from 1st to 15th July, 1882.....	\$8	23		
Receiver-General.....	do superannuation tax.....	0	10		
			8 33		
Philip Murray.....	Salary as Light-keeper from 15th July to 20th November, 1882.....	\$68	59		
Receiver-General.....	do superannuation tax.....	0	86		
			69 45		
John Murray.....	Salary as Light-keeper from 10th Nov. 1882, to 30th June, 1883.....	\$121	94		
Receiver-General.....	do superannuation tax.....	0	28		
			122 22		224 00
<i>Church Point.</i>					
J. H. Saulnier.....	12 months salary as Light-keeper.....		197 52		
Receiver-General.....	do superannuation tax.....		2 48		
			200 00		
Carried forward.....				57,826	00

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

		\$ cts.	\$ cts.
Brought forward			57,826 09
LIGHTHOUSES—Continued.			
<i>Cape Sable.</i>			
Macdonald & Co.....	Repairs, lamps and fountains.....	51 10	
Isaac Doane	Freight and cartage of stores.....	4 30	
do	12 months salary as Light-keeper.....	\$794 00	
Receiver-General.....	do superannuation tax	6 00	
		800 00	855 40
<i>Cape St. George.</i>			
W. J. Condon.....	Repairs to barn, painting, etc.....	60 80	
do	12 months salary as Light-keeper.....	\$446 25	
Receiver-General.....	do superannuation tax.....	3 75	
		450 00	510 80
<i>Cape St. Marys.</i>			
M. Robichau.....	12 months salary as Light-keeper.....	493 76	
Receiver-General	do superannuation tax.....	6 24	
			500 00
<i>Carter's Island.</i>			
James Fraser	Building oil store.....	120 00	
George E. Smith & Co...	Hardware, oil, paint, etc.....	22 59	
James Lloyd	9 months salary as Light-keeper.....	\$185 16	
Receiver-General.....	do superannuation tax	2 34	
		187 50	
Albert Locke.....	3 months salary as Light-keeper.....	\$61 72	
Receiver-General.....	do superannuation tax	0 78	
		62 50	392 59
<i>Carribou Island.</i>			
Roderick McKenzie	12 months salary as Light-keeper.....	296 28	
Receiver-General	do superannuation tax.....	3 72	
			300 00
<i>Chester.</i>			
Edward Young.....	Teaming oil	2 00	
do	12 months salary as Light-keeper.....	\$395 00	
Receiver-General.....	do superannuation tax.....	5 00	
		400 00	402 00
<i>Cheticamp.</i>			
P. Robin & Co.....	Paid Carpenter's repairs, casks, etc.....	49 90	
do	12 months salary as Light-keeper.....	\$296 28	
Receiver-General	do superannuation tax.....	3 72	
		300 00	349 90
<i>Creighton's Head.</i>			
W. K. Angwin	Building oil store.....	120 00	
H. H. Crichton.....	Stove pipe, painting, etc.....	16 83	
do	12 months salary as Light-keeper.....	\$197 52	
Receiver-General	do superannuation tax.....	2 48	
		200 00	336 83
<i>Chebucto Head.</i>			
Charles Romeo.....	Freight of supplies.....	6 00	
Jacob Bowser.....	Repairing roof, chimney, etc.....	77 90	
		83 90	61,478 61
Carried forward.....			

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

		\$ cts.	\$ cts.
	Brought forward.....	83 90	61,473 61
	LIGHTHOUSES—Continued.		
	<i>Chebueto Head—Concluded.</i>		
George E. Smith & Co...	Hardware, canvas, etc.....	13 19	
J. Hogan & Sons.....	Shingles and lumber.....	22 52	
James E. Morris.....	Repairing machinery, etc.....	17 20	
Macdonald & Co.....	do burner.....	1 30	
White & Simmonds.....	Stove pipe, etc.....	3 50	
A. Moir & Son.....	Iron work.....	1 25	
Edward Johnson.....	Building road.....	119 00	
do.....	Labour at oil.....	11 00	
do.....	12 months salary as Light-keeper.....	\$493 12	
Receiver-General.....	do superannuation tax.....	6 88	
		500 00	772 86
	<i>Country Harbour.</i>		
J. A. Foster.....	12 months salary as Light-keeper.....	395 00	
Receiver-General.....	do superannuation tax.....	5 00	
			400 00
	<i>Cross Island.</i>		
Reuben Heisler.....	Rope, blocks and painting.....	40 77	
W. K. Angwin.....	Building oil store.....	120 00	
George E. Smith.....	12 months salary as Light-keeper.....	\$794 28	
Receiver-General.....	do superannuation tax.....	5 72	
		800 00	960 77
	<i>Cape LeRonde.</i>		
Charles Latimer.....	Linseed oil, white lead, etc.....	7 74	
do.....	12 months salary as Light-keeper.....	\$296 28	
Receiver-General.....	do superannuation tax.....	3 72	
		300 00	307 74
	<i>Crow Harbour.</i>		
Commiss'r Crown Lands	Purchase of land.....	20 00	
A. N. Whitman.....	Freight of oil.....	3 50	
John Myers.....	do lantern.....	20 00	
John Ehler, 3rd.....	Boat hauling oil.....	28 68	
do.....	Salary from 25th Nov., 1882, to 30th June, 1883.....	\$178 80	
Receiver-General.....	Superannuation tax.....	0 36	
		179 16	251 34
	<i>Croucher's Island.</i>		
H. W. Andrews.....	Survey and plan.....	7 00	
Michael Walsh.....	Inspecting.....	16 50	
Macdonald & Co.....	Drill and bits.....	8 10	
R. H. Cogswell.....	Timepieces.....	4 50	
White & Simmonds.....	Stove.....	7 00	
George Croucher.....	18 days care of buildings.....	12 33	
do.....	Paid for zinc.....	1 13	
do.....	6 months salary, to 30th June, 1883.....	125 00	
			181 56
	<i>Devil's Island.</i>		
Geo. E. Smith & Co.....	Rope.....	4 06	
B. Fulker.....	Painting and labour on oil.....	19 50	
do.....	Repairing boat.....	22 00	
	Carried forward.....	45 56	64,347 88

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

		\$	cts.	\$	cts.
Brought forward.....			45 56	64,347	88
LIGHTHOUSES—Continued.					
<i>Devil's Island—Concluded.</i>					
B. Fulker.....	12 months salary as Light-keeper.....	\$493	76		
Receiver-General.....	do superannuation tax.....		6 24		
			500 00		545 56
<i>Egg Island.</i>					
R. H. Cogswell.....	Telescope.....		8 00		
J. E. Morris.....	Travelling expenses and repairs to machinery.....		35 40		
Geo. E. Smith & Co.....	Files, etc.....		2 00		
White & Simmonds.....	Galvanized spouting.....		27 30		
J. Dempster & Co.....	Shutters.....		7 50		
Wm. Condon, jun.....	Board of mechanics.....		19 00		
do.....	12 months salary as Light-keeper.....	\$493	76		
Receiver-General.....	do superannuation tax.....		6 24		
			500 00		599 20
<i>Fish Island.</i>					
Joseph White.....	12 months salary as Light-keeper.....		276 52		
Receiver-General.....	do superannuation tax.....		3 48		
					389 00
<i>Flint Island.</i>					
John Hogan & Sons.....	Lumber, shingles, etc.....		17 27		
Lawrence Laffin.....	Lumber, paint, nails and labour.....		13 86		
do.....	Erecting oil store, repairing boat, etc.....		43 70		
do.....	12 months salary as Light-keeper.....	\$395	00		
Receiver-General.....	do superannuation tax.....		5 00		
			400 00		474 83
<i>Fort Point.</i>					
S. T. N. Sellon.....	12 months salary as Light-keeper.....		237 00		
Receiver-General.....	do superannuation tax.....		3 00		
					240 00
<i>Guysboro'.</i>					
Godfrey S. Peart.....	12 months salary as Light-keeper.....		217 28		
Receiver-General.....	do superannuation tax.....		2 72		
					220 00
<i>Grand Narrows.</i>					
W. K. Angwin.....	Building oil store.....		120 00		
I. G. Campbell.....	Purchase of land.....		50 00		
Stephen McNeil.....	12 months salary as Light-keeper.....	\$118	52		
Receiver-General.....	do superannuation tax.....		1 48		
			120 00		290 00
<i>Green Island.</i>					
J. E. M. Taylor.....	Ruby glass.....		12 80		
Wm. Duann.....	12 months salary as Light-keeper.....	\$493	76		
Receiver-General.....	do superannuation tax.....		6 24		
			500 00		512 80
<i>Gull Rock.</i>					
Intercolonial Railway....	Freight of lantern.....		74 58		
E. Ohanteloup.....	Lantern, lamps and apparatus.....		1,549 27		
Carried forward.....			1,613 85	67,510	27

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

		\$ cts.	\$ cts.
	Brought forward.....	1,623 85	67,510 27
LIGHTHOUSES—Continued.			
<i>Gull Rock—Continued.</i>			
Henry Watt and others.....	Erecting lantern	263 57	
J. C. Cassidy.....	Truckage of bricks	5 60	
Lordly & Spimpson.....	Provisions for carpenters	102 50	
Richard Abbott.....	Blocks.....	4 75	
John McGuinn.....	Freight on lantern, etc	20 00	
Mrs. Orchard.....	Cooking for carpenters.....	17 14	
John P. Mott & Co.....	Bricks.....	20 00	
F. Meyer.....	Provision for carpenters.....	9 25	
J. Hogan & Sons.....	Timber and shingles	147 80	
Geo. E. Smith & Co.....	Hardware, rope, paint, etc.....	92 98	
Jason Orchard.....	Conveyance of carpenters	11 00	
White & Simmonds.....	Tinware	11 25	
Lockeport Iron Works.....	Stove	7 33	
L. D. Orchard.....	12 months salary as Light-keeper.....	\$395 00	
Receiver-General.....	do superannuation tax.....	5 00	
		400 00	2,736 82
<i>George's Island.</i>			
White & Simmonds.....	Boiler and shovel.....	3 25	
Robert Ross.....	12 months salary as Light-keeper	150 00	
			163 25
<i>Guyon Island.</i>			
Geo. E. Smith & Co.....	Glass.....	1 75	
Macdonald & Co.....	Repairs to burners, castings, springs, etc.....	68 20	
R. B. Winton.....	12 months salary as Light-keeper.....	\$444 40	
Receiver-General.....	do superannuation tax.....	5 60	
		450 00	519 95
<i>Horton Bluff.</i>			
Charles Neil.....	Erecting temporary Light.....	11 20	
Geo. E. Smith & Co.....	Blocks.....	1 00	
W. Stairs, Son & Morrow.....	Lantern.....	10 00	
S. M. Rathburn.....	Hauling supplies.....	2 00	
do.....	12 months salary as Light-keeper.....	\$246 88	
Receiver-General.....	do superannuation tax.....	3 12	
		250 00	274 20
<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>Isle au Haut.</i>			
Geo. E. Smith & Co.....	Rope.....	8 57	
Nelson Card.....	Plastering kitchen.....	11 75	
do.....	Hauling stores	25 00	
do.....	12 months salary as Light-keeper.....	\$495 60	
Receiver-General.....	do superannuation tax.....	5 00	
		500 00	545 32
	Carried forward.....		71,939 81

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

		\$ cts.	\$ cts.
	Brought forward.....		71,939 81
LIGHTHOUSES—Continued.			
<i>Ingonish.</i>			
R. H. Cogswell.....	Spy glass.....	8 50	
S. McDougall.....	12 months salary as Light-keeper.....	\$414 76	
Receiver-General.....	do superannuation tax.....	5 24	
		420 00	428 50
<i>Iron Bound Island.</i>			
Solomon Moreash.....	Erecting lantern, moving Light-house, oil store. etc.....	1,376 61	
Fishwick's Express.....	Towing boat.....	5 00	
Eos Wolf.....	Stove, teaming oil and lantern.....	22 20	
do.....	2 months salary as Light-keeper.....	\$355 52	
Receiver-General.....	do superannuation tax.....	4 48	
		360 00	1,763 81
<i>Jerome Point.</i>			
James H. Austen.....	Freight on lantern.....	20 00	
Allan Corbett.....	Boat.....	20 00	
John D. Matheson.....	Coal, lantern, glasses, etc.....	17 33	
do.....	Salary from 1st January to 30th June, 1883.....	70 00	
			127 33
<i>Isaac's Harbour.</i>			
C. W. Bigsby.....	Repairing foundation.....	60 00	
do.....	Labour on supplies.....	3 00	
do.....	On account of addition to dwelling.....	300 00	
do.....	12 months salary as Light-keeper.....	\$197 52	
Receiver-General.....	do superannuation tax.....	2 48	
		200 00	563 00
<i>Jeddere Rock.</i>			
R. H. Cogswell.....	Telescope, clock, etc.....	12 50	
Commissioner of Crown Lands.....	Grant of land.....	20 00	
Geo E. Smith & Co.....	Ensign, etc.....	7 90	
Albert Warnell.....	Salary from 1st July to 18th Oct., 1882... \$113 63		
Receiver-General.....	Superannuation tax.....	1 59	
		115 22	
John Mitchell.....	Salary from 18th October, 1882. to 30th June, 1883.	284 78	
J. E. M. Taylor.....	Ruby glass.....	17 55	
John Mitchell.....	Stove.....	10 50	
			468 45
<i>Jerseyman's Isle.</i>			
W. Stairs, Son & Morrow	Tinsmith's supplies and repairs.....	19 25	
Simon Babin.....	Boat.....	15 00	
do.....	9 months salary.....	\$222 21	
Receiver-General.....	do superannuation tax.....	2 79	
		225 00	
George Vigneau.....	3 months salary, to 30th June, 1883.....	75 00	
			334 25
<i>Kingsport (Oak Point.)</i>			
W. F. Phipps.....	Painting and landing stores.....	4 00	
do.....	12 months salary as Light-keeper.....	80 00	
			84 00
	Carried forward.....		75,709 15

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

		\$	cts.	\$	cts.
Brought forward				75,709	15
LIGHTHOUSES—Continued.					
<i>Kidston's Island.</i>					
W. K. Angwin.....	Building oil store.....	120	00		
D. McRae.....	Painting Lighthouse.....	11	25		
D. McRae.....	Boat.....	16	00		
do.....	12 months salary as Light-keeper.....	\$197	52		
Receiver-General.....	do superannuation tax.....	2	48		
		200	00		
				347	25
<i>King's Head.</i>					
Angus McQueen.....	Freight, trucking, &c., of supplies.....	20	99		
do.....	8 weeks care of lighthouse.....	56	00		
Macdonald & Co.....	Brass studs.....	3	20		
White & Simmonds.....	Stove and pipe.....	10	50		
Colin McDonald.....	10 months salary to 30th June, 1883.....	166	66		
				257	35
<i>Little Hope.</i>					
Doull & Miller.....	Flag-staff, and blasting rock at landing.....	23	00		
Anderson & Bell.....	Medicines.....	13	68		
Alex. McDonald.....	12 months salary as Light-keeper.....	\$493	76		
Receiver-General.....	do superannuation tax.....	6	24		
		500	00		
				536	68
<i>Lingan Head.</i>					
James Quinn.....	Under pinning and painting.....	3	65		
do.....	12 months salary as Light-keeper.....	\$197	52		
Receiver-General.....	do superannuation tax.....	2	48		
		200	00		
				203	65
<i>Liscomb.</i>					
Macdonald & Co.....	Castings and repairing burners.....	10	90		
Seth Crooks.....	Painting.....	7	00		
do.....	12 months salary as Light-keeper.....	\$345	64		
Receiver-General.....	do superannuation tax.....	4	36		
		350	00		
				367	90
<i>Liverpool.</i>					
C. M. Firth.....	Stove and hauling supplies.....	21	00		
do.....	12 months salary as Light-keeper.....	\$345	64		
Receiver-General.....	do superannuation tax.....	4	36		
		350	00		
				371	00
<i>St. Louisburg.</i>					
L. Kavanagh.....	Labour on oil and stores.....	2	00		
do.....	12 months salary as Light-keeper.....	\$454	28		
Receiver-General.....	do superannuation tax.....	5	72		
		480	00		
				462	00
<i>Low Point.</i>					
J. Hogan & Sons.....	Lumber.....	6	60		
Archibald & Co.....	Tarred paper, rope, &c.....	2	84		
Edw. Murphy.....	Shingling dwelling.....	8	00		
John G. Peters.....	Painting.....	25	00		
do.....	Erecting oil store.....	22	00		
do.....	Hauling supplies.....	2	00		
				68	44
Carried forward				78,254	98

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

		\$	cts.	\$	cts.
Brought forward.....		66	44	78,254	98
LIGHTHOUSES—Continued.					
<i>Low Point—Concluded.</i>					
John G. Peters.....	12 months salary as Light-keeper	\$454	28		
Receiver-General.....	do superannuation tax.....	5	72		
		460	00		
<i>Lunenburg.</i>					
Major James Wray.....	Rent of land	0	24		
John A. Ernst.....	12 months salary as Light-keeper	\$296	28		
Receiver-General.....	do superannuation tax.....	3	72		
		300	00		
<i>La Have.</i>					
W. Howard Palmer.....	12 months salary as Light-keeper	\$197	52		
Receiver-General.....	do superannuation tax.....	2	48		
					200 00
<i>Little Narrows.</i>					
W. R. Angwin.....	Building oil store			120	00
John Ferguson.....	12 months salary as Light-keeper	\$118	52		
Receiver-General.....	do superannuation tax.....	1	48		
				120	00
<i>Main-à-Dieu.</i>					
R. Abbott.....	Blocks			3	36
James Burke.....	Removing oil store and labour on oil			23	00
do.....	12 months salary as Light-keeper	\$296	28		
Receiver-General.....	do superannuation tax.....	3	72		
				300	00
<i>Margaretsville.</i>					
Wm. Early.....	Trucking supplies			2	00
do.....	12 months salary as Light-keeper	\$227	12		
Receiver-General.....	do superannuation tax.....	2	88		
				230	00
<i>McKenzie's Point.</i>					
D. J. McKay.....	Trucking supplies			1	82
do.....	12 months salary as Light-keeper	\$158	00		
Receiver-General.....	do superannuation tax.....	2	00		
				160	00
<i>Margaret's Bay.</i>					
Geo. E. Smith & Co.	Dynamite and detonators.....			5	00
Macdonald & Co.....	Repairing burners.....			3	30
Albert Pearl.....	Covering lantern, \$6 80; hauling oil, \$3.20.....			10	00
do.....	12 months salary as Light-keeper	\$493	76		
Receiver-General.....	do superannuation tax.....	6	24		
				500	00
<i>Margaree.</i>					
Neil McDonald.....	Mason work.....			70	00
Intercolonial Railway....	Freight of lantern.....			73	08
E. Chanteloup.....	Lantern, lamps and apparatus.....			1,549	27
Carried forward				1,692	35
				80,760	14

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

		\$	cts.	\$	cts.
Brought forward		1,692	35	80,760	14
LIGHTHOUSES—Continued.					
<i>Margaree—Concluded.</i>					
Farquhar McRae	Masons repairs, etc.....		53 50		
do	12 months salary as Light-keeper.....	\$395	00		
Receiver-General	do superannuation tax.....	5	00		
			<u>400 00</u>		2,145 85
<i>Mahone Bay.</i>					
Abram Zinck	Painting, glazing and truckage		22 00		
do	Boat		20 00		
do	12 months salary as Light-keeper	\$246	88		
General	do superannuation tax.....	3	12		
			<u>250 00</u>		292 00
<i>Meagher's Beach.</i>					
Geo. E. Smith & Co.....	Spikes.....		1 36		
Duncan Waddell.....	Contract for protection work.....		3,111 35		
John Smith	20 cords of wood at \$4.50.....		90 00		
Alex. McCarty	Plastering dwelling.....		2 50		
Edw. Horne.....	Paid for caulking tanks		7 10		
do	Paid for repairing breakwater.....		11 50		
do	12 months salary as Light-keeper.....	\$495	00		
Receiver-General	do superannuation tax.....	5	00		
			<u>500 00</u>		3,723 81
<i>Moser's Island.</i>					
Henry Moser	12 months salary as Light-keeper.....		444 40		
Receiver-General	do superannuation tax.....		5 60		
			<u>450 00</u>		
<i>Mullin's Point.</i>					
Z. Mullins	Painting, truckage, etc		9 75		
do	Shingling dwelling		24 23		
do	12 months salary as Light-keeper	\$197	52		
Receiver-General	do superannuation tax.....	2	48		
			<u>200 00</u>		233 98
<i>Meteghan.</i>					
L. C. Comeau	12 months salary as Light-keeper.....				100 00
<i>Margaree Harbour.</i>					
N. Degill	Placing posts and attending lights.....		36 00		
Lawrence Taylor.....	Hardware, oil, etc.....		13 81		
John McFarlane	12 months salary as Light-keeper.....		60 00		
			<u>109 81</u>		
<i>Negro Island.</i>					
James Fraser.....	Materials for and building oil store.....		120 00		
James McKinnon.....	Paid for labour at oil store.....		19 00		
do	12 months salary as Light keeper.....	\$197	52		
Receiver-General.....	do superannuation tax	2	48		
			<u>200 00</u>		339 00
Carried forward		339	00	88,154	59

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

		\$ cts.	\$ cts.
	Brought forward.....	339 00	88,154 59
LIGHTHOUSES—Continued.			
<i>North Canso.</i>			
W. K. Angevin.....	Building oil store.....	120 00	
P. Power & Co.....	Trucking and repairs.....	4 67	
Robie McKay.....	12 months salary as Light-keeper.....	\$345 00	
Receiver-General.....	do superannuation tax.....	5 00	
		350 00	474 67
<i>Oustique Island.</i>			
Geo E. Smith & Co.....	Galvanized wire.....	8 50	
Cyril Sampson.....	Repairs, painting, etc.....	25 15	
do	12 months salary as Light-keeper.....	\$345 64	
Receiver-General.....	do superannuation tax.....	4 36	
		350 00	383 65
<i>Pease's Island.</i>			
Thomas Baker.....	Paint, storing oil, etc.....	9 80	
do	12 months salary as Light-keeper.....	\$246 88	
Receiver-General.....	do superannuation tax.....	3 12	
		250 00	259 80
<i>Parrsboro'.</i>			
J. H. Newcomb.....	12 months salary as Light-keeper.....	335 76	
Receiver-General.....	do superannuation tax.....	4 24	
			340 00
<i>Peggy's Point.</i>			
Samuel Massey.....	Labour landing oil.....	4 80	
do	Salary from 1st July to 1st Aug., 1882..	\$28 79	
Receiver-General.....	Superannuation tax.....	0 37	
		29 16	
Edward Horne.....	Wages from 1st Aug., 1882, to 30th Jan., 1883, as Light-keeper	216 25	
Peter Danpheney.....	Freight of supplies.....	7 00	
Geo. Swinehammer.....	Salary from 20th January to 30th June, 1883.....	155 55	
			412 76
<i>Pictou.</i>			
R. H. Cogswell.....	Spy glass.....	8 50	
W. K. Angwin.....	Erecting oil store.....	120 00	
L. D. Lowden.....	6 months salary as Light-keeper, to 31st Dec., 1882.....	\$197 50	
Receiver-General.....	do superannuation tax.....	2 50	
		200 00	
William Ross.....	6 months salary as Light-keeper, to 30th June, 1883.	200 00	
			528 50
<i>Pictou Island.</i>			
James Hogg.....	12 months salary as Light-keeper.....	395 00	
Receiver-General.....	do superannuation tax.....	5 00	
			400 00
<i>Pictou Custom House.</i>			
Pictou Gas Works	9 months gas, to 31st March, 1883.....	112 50	
Watson & Myers	Chimneys.....	2 40	
	Carried forward	114 90	90,953 97

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

		\$ cts.	\$ cts.
	Brought forward.....	114 90	90,953 97
	LIGHTHOUSES—Continued.		
	<i>Pictou Custom House—Concluded.</i>		
Fred. McLennan.....	Repairs to reflector, etc.....	11 75	
Geo. McLeod.....	12 months salary as Light-keeper.....	63 75	195 40
	<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>		
W. K. Angwin.....	Erecting oil store.....	120 00	
James McDonald.....	Painting do.....	16 00	
do.....	12 months salary as Light-keeper.....	\$246 88	
Receiver-General.....	do superannuation tax.....	3 12	250 00
	<i>Port Hood.</i>		336 00
James Fraser.....	Erecting oil store.....	121 50	
Thomas O. Quinn.....	Freight do.....	15 00	
Geo. E. Smith & Co.....	Hardware, etc.....	6 21	
White & Simmonds.....	Stove and pipe.....	12 50	
J. A. McDonald.....	12 months salary as Light-keeper.....	\$276 52	
Receiver-General.....	do superannuation tax.....	3 48	289 00
	<i>Port L'Ebert.</i>		435 21
Joseph McDonald.....	12 months salary as Light-keeper.....	148 12	
Receiver-General.....	do superannuation tax.....	1 88	150 00
	<i>Port Medway.</i>		
White & Simmonds.....	Stove castings.....	2 50	
Elson Perry.....	12 months salary as Light-keeper.....	\$256 76	
Receiver-General.....	do superannuation tax.....	3 24	260 00
	<i>Port Mouton.</i>		262 50
James Fraser.....	Erecting oil store.....	120 00	
Geo. E. Smith & Co.....	Hardware, paint, etc.....	22 59	
R. J. Smith.....	Paid carpenters' repairs to Lighthouse, etc.....	172 87	
do.....	12 months salary as Light-keeper.....	\$296 28	
Receiver-General.....	do superannuation tax.....	3 72	300 00
	<i>Port Williams.</i>		615 46
Geo. E. Smith & Co.....	Hardware.....	7 23	
James M. Dunn.....	12 months salary as Light-keeper.....	\$256 76	
Receiver-General.....	do superannuation tax.....	3 24	260 00
	<i>Pubnico.</i>		267 23
Maturin Amero.....	12 months salary as Light-keeper.....	237 00	
Receiver-General.....	do superannuation tax.....	3 00	240 00
	Carried forward.....		93,855 77

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

		\$	cts.	\$	cts.
	Brought forward.....			93,855	77
LIGHTHOUSES—Continued.					
<i>Pugwash.</i>					
R. H. Cogswell.....	Clock.....		4 50		
Angus Beaton.....	Painting.....		10 00		
do.....	12 months salary as Light-keeper.....	\$296	28		
Receiver-General.....	do superannuation tax.....		3 72		
			<u>300 00</u>		314 50
<i>Point Aconi.</i>					
W. K. Angwin.....	Erecting oil store.....		120 00		
George Bonner.....	Stove pipe, painting, etc.....		15 05		
do.....	12 months salary as Light-keeper.....	\$148	12		
Receiver-General.....	do superannuation tax.....		1 88		
			<u>150 00</u>		285 05
<i>Petit de Grat.</i>					
George J. Burge.....	Contract for protection wall.....		1,820 00		
do.....	Extras for slip.....		40 00		
H. Donovan.....	Inspecting.....		95 00		
D. C. Boucher.....	12 months salary as Light-keeper.....	\$199	38		
Receiver-General.....	3 do superannuation tax.....		0 62		
			<u>200 00</u>		2,155 00
<i>Pope's Harbour.</i>					
Macdonald & Co.....	Repairing lamps and burners.....		6 55		
John A. Bullong.....	do boat slip.....		10 00		
James Bullong.....	Boat.....		16 00		
do.....	12 months salary as Light-keeper.....	\$296	28		
Receiver-General.....	do superannuation tax.....		3 72		
			<u>300 00</u>		332 55
<i>Sable Island.</i>					
Henry Webb.....	Wages as Cook for carpenters.....		122 50		
John F. Crowe.....	Pump.....		12 25		
Richard Abbott.....	Blocks.....		10 00		
Starr Manufacturing Co.....	Ironwork.....		52 38		
Brookfield Bros.....	Cement.....		741 75		
A. Moir & Sons.....	Ironwork.....		50 50		
Thomas Lamion.....	Carpenter's wages.....		124 00		
Nicholas Baldwin.....	do.....		82 00		
George E. Smith & Co.....	Hardware, paint, etc.....		219 24		
Fred Meyers.....	Provisions for carpenters.....		19 50		
John Wilson.....	Carpenter's wages.....		159 00		
John Connolly.....	do.....		95 00		
Lordly & Stimpson.....	Provisions for carpenters.....		106 50		
Job Smith.....	Carpenter's wages.....		162 00		
John Finlen.....	do.....		159 00		
Charles Drysdale.....	do.....		162 00		
Wm. Thomas.....	do.....		128 50		
John McDermott.....	do.....		159 00		
Edward Scanlen.....	do.....		99 00		
W. S. Symonds & Co.....	Iron railing, pipe, &c.....		97 89		
Intercolonial Railway.....	Freight of supplies.....		41 04		
Michael Devan.....	Carpenter's wages.....		172 50		
W. R. Mulholland.....	do.....		483 47		
John Parker.....	Provisions for carpenters.....		5 95		
L. C. Barney.....	Plate glass.....		188 66		
Lawson, Harrington & Co.....	512½ galls. oil, at 23c., \$117.88; cartage 45c.....		118 33		
J. A. Matheson.....	Crockery ware.....		15 85		
			<u>3,787 81</u>		95,942 87
	Carried forward.....				

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

		\$	cts.	\$	cts.
	Brought forward.....	3,787	81	96,942	87
LIGHTHOUSES—Continued.					
<i>Sable Island—Concluded.</i>					
Wm. Gammon	Carpenter's wages.....	210	25		
John Dickey.....	Labour, use of machinery, lumber, etc.....	244	00		
Henry Carr.....	Blacksmith's labour.....	200	00		
Wm. Yeadon.....	Carpenter's wages.....	225	00		
Charles Neal.....	Freight of machinery	5	48		
J. Hogan & Sons.....	Posts, shingles, etc.....	18	75		
Macdonald & Co.....	Coppersmith's repairs and materials.....	304	72		
J. S. Nieforth	Ironwork.....	6	90		
C. E. Creighton & Co....	529½ galls. oil, at 25c., \$132.38; cartage, 60c.....	132	98		
				5,135	89
<i>Sambro' Island.</i>					
John Smith.....	30 cords wood, at \$5.50.....	165	00		
Chance Bros.....	Chimneys, freight, etc.....	119	90		
Lawson, Harrington & Co	Oil, 156½ galls. at 25c, \$39.13; 30½ galls. at 26c., \$78.65; cartage 45c.....	118	23		
C. Martin.....	Freight on oil	6	00		
C. E. Creighton & Co....	318½ galls. oil, at 25c., \$79.63; cartage, 36c.....	79	99		
A. Gilkie	12 months salary as Light-keeper.....	\$995	00		
Receiver-General.....	do superannuation tax.....	5	00		
				1,000	00
				1,487	12
<i>Sanct Point.</i>					
Joseph Mundell.....	12 months salary as Light-keeper.....	395	00		
Receiver-General.....	do superannuation tax.....	5	00		
				400	00
<i>Scatterie Island.</i>					
James W. Brown.....	Painting lighthouse, fencing, etc.....	33	78		
do	Erecting oil store.....	23	50		
do	12 months salary as Light-keeper.....	\$493	76		
Receiver-General.....	do superannuation tax.....	6	24		
				500	00
				556	28
<i>Seal Island.</i>					
Geo. E. Smith & Co.....	Canvas, glass, etc.....	17	52		
Smith Bros	Painting, door lock, etc.....	23	00		
Corning Crowell.....	12 months salary as Light-keeper.....	\$793	76		
Receiver-General.....	do superannuation tax.....	6	24		
				800	00
				840	52
<i>Stoddart's Island.</i>					
A. M. Wrayton.....	12 months salary as Light-keeper.....	\$148	12		
Receiver-General.....	do superannuation tax.....	1	88		
				150	00
<i>Shelburne.</i>					
Francis Demings	12 months salary as Light-keeper.....	\$395	00		
Receiver-General.....	do superannuation tax.....	5	00		
				400	00
<i>Shelburne Harbour.</i>					
Edward Goodick.....	Clock, rope, oars, etc.....	10	36		
do	12 months salary as Light-keeper	\$246	88		
Receiver-General.....	do superannuation tax.....	3	12		
				250	00
				260	36
	Carried forward			106,175	04

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

		\$	cts.	\$	cts.
	Brought forward			106,175	04
LIGHTHOUSES—Continued.					
<i>Spencer's Point.</i>					
D. M. Kent.....	Truckage of oil, etc.....		3 75		
R. A. Spencer	12 months salary as Light-keeper.....		104 15		107 90
<i>St. Ann's.</i>					
A. B. Morrison.....	12 months salary as Light-keeper.....	\$138	24		
Receiver-General.....	do superannuation tax.....		1 76		140 00
<i>St. Paul's Island.</i>					
Jacob Bowser	Rebuilding and repairs to buildings.....		2,477 55		
Geo. E. Smith & Co.....	Hardware supplies		413 00		
J. Dempster.....	Building materials.....		284 61		
T. & E. Kenney.....	Bags.....		13 50		
I. P. Mott & Co.....	Lime and bricks.....		210 50		
J. Hogan & Sons.....	Lumber, etc.....		996 45		
Archibald & Co.....	Provisions for carpenters, rope, piping, hay, oats, etc.....		461 91		
Lordly & Stimpson.....	Provisions for carpenters		27 52		
J. R. Gordon.....	Medicines.....		34 40		
W. S. Symonds & Co.....	Tube expanders, tubes, etc.....		92 14		
S. C. Campbell	Board and cooking for carpenters.....		312 75		
Macdonald & Co.....	Leather belting.....		2 70		5,327 03
<i>Sydney Bar.</i>					
Geo. Nunn.....	12 months salary as Light-keeper.....	\$246	88		
Receiver-General.....	do superannuation tax.....		3 12		250 00
<i>St. Esprit.</i>					
J. R. Gordon	Medicines, etc.....		17 68		
Angus McLeod.....	Labour and material building slip		62 50		
do	12 months salary as Light-keeper.....	\$395	00		
Receiver-General.....	do superannuation tax.....		5 00		480 19
<i>Sissiboo.</i>					
W. K. Angwin.....	Erecting oil store.....		120 00		
B. Amero.....	Painting.....		6 50		
do	12 months salary as Light-keeper.....	\$197	52		
Receiver-General.....	do superannuation tax.....		2 48		200 00
<i>Sheet Harbour.</i>					
Geo. E. Smith & Co.....	Hardware.....		3 50		
J. E. M. Taylor.....	Ruby glass.....		12 80		
J. Bowser	Building landing, etc.....		257 55		
Alex. Smith.....	Freight of materials.....		25 49		
John Perry.....	Protection wall, \$30.47; repairing boat, \$5.....		35 47		
do	Board carpenters.....		65 00		
do	12 months salary as Light-keeper.....	\$495	00		
Receiver-General.....	do superannuation tax.....		5 00		500 00
Carried forward					
				899	81
				113,706	46

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

		\$ cts.	\$ cts.
	Brought forward.....		113,706 46
LIGHTHOUSES—Continued.			
<i>Tor Bay.</i>			
Dennis Gerroir.....	Paid for lumber, shingles, painting, etc.....	40 50	
do	12 months salary as Light-keeper.....	\$246 88	
Receiver-General.....	do superannuation tax.....	3 12	
		250 00	290 50
<i>Three Top Island.</i>			
W. L. Munroe	Painting.....	10 00	
do	12 months salary as Light-keeper.....	\$296 28	
Receiver-General.....	do superannuation tax.....	3 72	
		300 00	310 00
<i>Walton Harbour.</i>			
A. McN. Parker	Erecting oil store, etc.....	38 16	
do	12 months salary as Light-keeper.....	\$124 22	
Receiver-General.....	do superannuation tax.....	0 78	
		125 00	163 16
<i>Westport.</i>			
R. D. Suthern	12 months salary as Light-keeper.....	296 28	
Receiver-General.....	do superannuation tax.....	3 12	
			300 00
<i>Whitehead.</i>			
White & Simmonds	Stove-pipe, elbows, etc.....	4 00	
J. P. Dillon	Repairing dwelling and store.....	26 30	
do	12 months salary as Light-keeper.....	\$503 64	
Receiver-General.....	do superannuation tax.....	6 36	
		510 00	540 30
<i>Wedge Island.</i>			
J. E. M. Taylor	Ruby glass.....	12 80	
Edw. Burns	12 months salary as Light-keeper.....	\$395 00	
Receiver-General.....	do superannuation tax.....	5 00	
		400 00	412 80
<i>Westhaver Island.</i>			
E. Chanteloup.....	Screws, bolts, nuts, etc.....	29 44	
R. H. Cogswell	Time-piece.....	4 50	
White & Simmonds	Stove and pipe.....	8 00	
Edw. Strum	Care of buildings (42 days).....	34 50	
do	Boat and slip.....	26 00	
do	Salary from 10th Oct., 1882, to 30th June, 1883.....	216 66	
			319 10
<i>Yarmouth.</i>			
John Porter	Hauling supplies.....	2 50	
Martin Allen	Stove-pipe, oil-can, etc.....	2 44	
J. H. Doane	12 months salary as Light-keeper.....	\$784 00	
Receiver-General.....	do superannuation tax.....	16 00	
		800 00	804 94
<i>Yarmouth Harbour.</i>			
Spinney, Eakins & Co....	Hope and glass.....	6 01	
J. H. M. Taylor	Glass.....	2 16	
	Carried forward.....	8 17	116,847 26

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

		\$ cts.	\$ cts.
	Brought forward.....	8 17	116,847 26
LIGHTHOUSES—Continued.			
<i>Yarmouth Harbour—Concluded.</i>			
Joshua Doane	Oars, repairing boat, etc.	8 00	
do	12 months salary as Light-keeper.....	\$345 64	
Receiver-General	do superannuation tax.....	4 36	
		350 00	366 17
<i>Barrington Light Vessel.</i>			
Halifax Carpet Co	Floor-cloth.....	11 11	
Lawson, Harrington & Co	202 galls. oil at 25c.	\$50 50	
do	do cartage.....	0 20	
		50 70	
Geo. E. Smith & Co.....	Galvanized iron, rope, etc.	59 37	
N. McGray	Repairs to vessel, hire of schooner, etc.....	424 13	
I. R. Kenney	Refitting rigging, etc.....	11 75	
do	12 months salary as Light-keeper.....	\$496 24	
Receiver-General	do superannuation tax.....	3 76	
		500 00	1,057 06
HUMANE ESTABLISHMENTS.			
<i>Mud Island.</i>			
I. & R. Kenney	Government allowance to 30th June, 1882		80 00
<i>St. Paul's.</i>			
I. K. Munnis	Clothing	142 80	
Geo. E. Smith & Co.....	Hardware	150 48	
Lordly & Stimpson.....	Provisions	1,318 12	
S. C. Campbell	Paid Conveyance of despatches	20 00	
do	Paid Salaries of 5 boatmen	1,250 00	
S. C. Campbell.....	12 months salary as Light-keeper.....	\$588 00	
Receiver-General	do superannuation tax.....	12 00	
		600 00	3,481 40
<i>Sable Island.</i>			
Geo. E. Smith & Co.....	Saddle, paint, oil, white lead, etc.....	260 03	
Lordly & Stimpson.....	Provisions	2,146 18	
J. Hogan & Sons.....	Lumber.....	12 29	
John Sellers	Erecting pony sheds	20 00	
N. & M. Smith.....	Barrels and half barrels	137 00	
W. E. Hydes.....	Oats.....	108 20	
Burns & Murray	Bags.....	11 34	
Wm. Yeadon & others....	Repairing dwelling.....	57 00	
R. H. Cogswell.....	Telescope, compasses, etc.....	29 50	
White & Simmonds	Stove lining, pipe, etc	15 25	
Charles Neil.....	Seed potatoes.....	6 75	
R. Nesbit.....	Garden seeds.....	18 13	
H. W. Johnston.....	Paid Wages of staff	3,351 02	
Receiver-General	Superannuation tax on Superintendent's salary.....	6 24	
John Parker.....	Sheep.....	14 00	
			6,192 93
	Total		128,024 82.

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

		\$ cts.	\$ cts.
BUOYS AND BEACONS.			
<i>Arichat.</i>			
D. Marchand.....	Buoy service, amount of contract for one-half year.	159 33	
do	Chain.....	5 00	
H. S. Donovan	Amount of contract for one-half year.....	135 00	
do	Freight on can buoy.....	0 40	
			299 73
<i>Bear River.</i>			
Joseph E. Wear.....	Amount of contract for one year.....		60 00
<i>Barrington.</i>			
Andrew Malone.....	Labour and scow hire.....	41 08	
do	Paints and oil.....	4 27	
do	Spar buoys and moorings.....	15 50	
do	Iron work.....	8 60	
do	Labour and boat hire.....	12 50	
J. E. Butler	Spar buoys and fittings.....	38 25	
E. Newell	Iron work.....	67 24	
do	Labour lifting and placing buoys.....	149 00	
do	Freight on buoys.....	15 50	
do	Making buoys.....	18 00	
do	Mooring stones.....	3 75	
do	Hire of vessel and boat.....	14 75	
E. Crowell.....	Laying and raising buoys at Clarke's Harbour.....	50 00	
Wm. Robertson.....	Buoys and moorings.....	27 50	
do	Making and painting buoys.....	10 00	
do	Scow hire and labour, \$13; iron work, \$18.54.....	31 54	
Wm. Robertson.....	Painting and cleaning.....	5 25	
J. B. Brannen.....	Expenses laying buoys at Clark's Harbour.....	176 19	
			688 92
<i>Bras d'Or.</i>			
Arch. Smith.....	Raising and placing buoy on Smith's Shoal.....	10 00	
do	Repairing and painting.....	1 00	
F. Dunlop.....	Lifting and landing buoys on Little Island and Lime Rock Shoals.....	36 00	
do	Placing buoys on Carey's, Little Island and Lime Rock Shoals.....	56 00	
do	Spar buoy, \$10; iron work, \$9.75.....	19 75	
do	Mooring stone, \$6; cartage, \$2.....	8 00	
do	Labour, paint and painting.....	11 70	
Rory McNeil.....	Raising and landing 2 buoys from Big Beach Shoal.....	8 00	
			150 45
<i>Canso.</i>			
J. J. Donahoe.....	Placing buoy in St. Andrew's channel and raising beacon.....	16 00	
Raymond Keating	Amount of contract for 1 year.....	160 00	
			176 00
<i>Cheticamp.</i>			
Chris. AuCoin.....	Amount of contract for year 1882.....		38 00
<i>Cape Negro.</i>			
A. R. Greenwood.....	Labour, laying and taking up buoys.....	45 00	
do	Iron work, \$7.13; spar and stones, \$3.....	15 13	
do	Labour saving buoy.....	6 00	
			66 13
Carried forward			1,479 23

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

		\$ cts.	\$ cts.
Brought forward			1,479 23
BUOYS AND BEACONS—Continued.			
<i>Digby.</i>			
J. A. Hughes.....	Hire of schooner and labour taking up buoys and moorings.....	66 00	
do	Paint, oil, painting, \$6.05; wharfage, \$1.....	10 05	
do	Iron work, \$2.78; picking up buoy, \$3.....	5 78	
do	Hire of schooner and labour laying buoys, \$48.50; repairing, \$1.75.....	50 25	
			132 08
<i>Guysborough.</i>			
G. S. Peart	Painting, laying and attending buoys		20 00
<i>Halifax.</i>			
Duncan Waddell.....	Raising and laying Thrum Cap buoy and moorings.	90 00	
do	do Ives Shoal and Rock Head buoys and moorings	100 00	
Lawson, Harrington & Co	Services of tug boat to Automatic buoy.....	24 50	
do	do Brig Rock Bell buoy.....	77 00	
do	do Harbour buoys.....	28 00	
			319 50
<i>Joggins Bridge.</i>			
J. A. Cossett.....	Looking after, putting down and taking up buoys.....		6 60
<i>Little Narrows.</i>			
Duncan Ferguson.....	Taking up, painting and laying buoys.....		16 00
<i>Lockeport.</i>			
E. A. Capstick.....	Repairing can buoy	50 00	
do	Stone and iron work for buoy.....	19 00	
do	Placing Middle Ground buoy	20 00	
do	Cleaning and painting.....	2 00	
do	Freight on chain, 80c.; paint and oil, \$1.35.....	2 15	
			93 15
<i>Liverpool.</i>			
W. A. Kenny.....	Mooring stones and fittings.....	8 00	
do	Iron, \$2.24; placing buoy, \$3.50.....	5 74	
			8 74
<i>La Have.</i>			
G. H. Zwicker.....	Drilling stone, \$1.25; hauling, \$1.....	2 25	
do	Picking up buoy, \$1.25; painting, \$1.50.....	2 75	
do	Boat hire, \$1; labour laying buoy, \$2.50.....	3 50	
do	Paint, oil and iron work	3 84	
			12 34
<i>Louisburg.</i>			
P. O'Toole.....	Examining and repairing automatic buoy.....	22 65	
do	Raising and storing buoys and moorings.....	30 00	
do	Vessel and men placing do	25 00	
do	Mooring stone, \$5; painting, \$3.25	8 25	
do	Iron work.....	6 75	
			92 65
Carried forward			2,180 29

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

		\$ cts.	\$ cts.
Brought forward.....			2,180 29
BUOYS AND BEACONS—Continued.			
<i>Lennox Passage.</i>			
John Peters.....	Amount of contract for 1 year		133 32
<i>Lunenburg.</i>			
Reuben Heisler	Amount of contract	200 00	
Henry Lohnes	Painting and laying 12 buoys in South Harbour...	30 00	
Henry Conrod	do 9 buoys in Back South Harbour	30 00	
			260 00
<i>Mahone Bay.</i>			
James Moser.....	Lifting buoys and moorings, per agreement	100 00	
do	Laying do do	107 12	
			207 12
<i>Merigomish.</i>			
John Chisholm	Amount of contract, 1882		31 33
<i>Mabou, C. B.</i>			
Finlay Rankin.....	Buoys, \$4.50; rope, \$1.80	6 30	
do	Anchors, \$3 50; chain, \$5.....	8 50	
do	Labour placing buoys.....	13 00	
			27 80
<i>Parrsboro'.</i>			
Thomas J. Seaman.....	Amount of contract for 1 year.....		50 00
<i>Port La Tour.</i>			
Thomas S. Ross	Amount of contract for 1 year.....		29 00
<i>Port Hood.</i>			
J. H. Murphy	Amount of contract for 1 year.....		141 66
<i>Pope's Harbour.</i>			
Andrew Gaston	Strapping buoys		2 25
<i>Pictou.</i>			
J. R. Noonan	Iron work	8 10	
do	Paint, oil and painting	19 79	
do	Hire of steamer "Dragon" laying and lifting buoys and moorings	125 00	
do	Buoy	2 00	
			177 89
<i>Port Hawkesbury.</i>			
James McDonald.....	Use of scow	2 00	
do	Labour and boat hire.....	12 00	
do	Painting	0 75	
			14 75
Carried forward			3,255 41

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

		\$ cts.	\$ cts.
Brought forward.....			3,255 41
BUOYS AND BEACONS—Continued.			
<i>Petit de Grat.</i>			
John T. Jean	Taking up and laying buoys and moorings, per agreement.....	48 00	
do	Anchor, \$8.28; chain, \$3.81	12 09	
do	Cask for buoys, \$1.50; painting, \$1.50.....	3 00	
			63 09
<i>Port Medway.</i>			
Simon Cohoon.....	Freight of buoys and moorings		15 00
<i>Pubnico.</i>			
M. Amero	Painting and placing buoys	6 50	
do	Furnishing mooring stones	3 25	
			9 75
<i>River Burgeois.</i>			
James Peters.....	Furnishing and placing 2 buoys		30 00
<i>Shelburne.</i>			
J. A. McGowan.....	Building and placing block in harbour.....	160 00	
do	Lifting and placing buoys	20 00	
do	Painting	6 00	
			186 00
<i>St. Peter's Inlet.</i>			
Henry Fougère	Amount of contract for 1½ years.....		90 00
<i>Ship Harbour.</i>			
James Marks, jun.....	Taking up and landing 9 buoys and moorings.....		40 00
<i>Sydney, C.B.</i>			
G. H. Dobson.....	Anchor and chain.....		27 72
<i>St. Peter's Bay.</i>			
Joseph Hunson.....	Buoy service per contract.....		246 00
<i>St. Mary's.</i>			
James G. Pride.....	Raising, painting and replacing buoys and moorings	40 00	
do	1 new buoy, mooring stone and placing	10 00	
do	Raising 6 buoys and moorings.....	30 00	
do	Placing buoys and moorings.....	30 00	
			110 00
<i>St. Peter's, C.B.</i>			
W. W. Handley.....	Services looking after buoys.....		20 00
Carried forward			4,092 97

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

		\$ cts.	\$ cts.
	Brought forward		4,092 97
BUOYS AND BEACONS—Continued.			
<i>Tor Bay.</i>			
O. N. Feltmate,.....	Placing buoys and moorings	16 54	
Levi Hart.....	do do	30 00	46 54
<i>Tusket.</i>			
Smith Harding.....	Amount of contract.....		55 00
<i>Windsor.</i>			
B. N. Banks.....	Mooring weight, chain and placing can buoy.....	35 00	
do	Paint, oil, painting.....	16 75	
do	Taking up buoy and mooring	16 00	
do	Cleaning and painting.....	3 75	
do	Storage, \$1; placing, \$13.50.....	14 50	
C. W. Knowles.....	Printing posters relative to Avon River buoys.....	1 25	
C. Neal.....	Freight of buoys and chain.....	16 95	104 20
<i>Wallace.</i>			
Z. Mullins	Chain and iron work.....	3 85	
do	Labour, boat hire laying and taking up buoys and moorings.....	37 50	
do	Attendance on buoys	10 00	51 35
<i>Westport.</i>			
R. D. Suthern.....	Raising, painting and replacing buoys and moorings	72 00	
do	Paint, oil, boat hire.....	5 00	
do	Painting Cow Lodge Beacon	8 00	85 00
<i>Whitehead.</i>			
O. N. Feltmate.....	Labour landing buoys and moorings, travelling expenses, etc.....	14 80	
do	Amount of contract half year	125 00	
A. B. Cox	Taking up and landing buoys and moorings, per agreement	155 00	294 80
<i>Yarmouth.</i>			
Eben Scott.....	Iron work.....	5 05	
do	Spar buoy making, \$3; paint and painting, \$2.57..	5 57	
do	Mooring, drilling eyebolt.....	8 00	
do	Sounding, laying buoy, etc.	11 03	
do	Laying buoys and moorings, repairing and driving piles	155 83	
do	Laying can buoy on Sand Spit	25 50	
do	Chain, \$7.22; boats, \$3.....	10 22	
do	Iron work, labour, rope.....	8 25	
do	Lifting Lobster Rock buoy and shifting moorings...	5 45	
do	Painting	17 67	252 57
	Carried forward.....		4,952 43

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

		\$	cts.	\$	cts.
Brought forward				4,982	43
MISCELLANEOUS.					
W. Stairs, Son & Morrow	Anchors.....	603	91		
do	Iron	74	93		
do	Chain.....	129	20		
A. Moir & Sons.....	Iron work.....	808	94		
John Findlay.....	Repairing buoys.....	270	00		
Geo. B. Smith & Co.....	Rope, paints, etc.....	305	84		
Scammell Bros.....	Insurance on automatic buoys.....	125	50		
J. Bigler.....	4 automatic buoys.....	5,997	10		
Brig'tine "Belle Walters"	Freight of 2 automatic buoys.....	100	00		
W. S. Symonds & Co.....	Iron can buoys.....	700	00		
do	Fenders for buoys.....	73	67		
do	Repairing buoys, etc.....	247	94		
W. McFatridge.....	Anchors and chains.....	542	36		
Edward O'Brien.....	Chain.....	212	19		
J. H. Harding.....	Paid freight on automatic buoys.....	100	00		
J. Hogan & Sons.....	Lumber.....	60	34		
Str. "Victor".....	Towing buoys.....	20	01		
Wm. Ross.....	Iron buoy.....	30	00		
John Fleming.....	Spar buoys and fitting.....	232	00		
Walker's Wharf.....	Wharfage on buoys.....	10	00		
John Cawsey.....	Drilling mooring stones.....	4	63		
J. S. Neiforth.....	Iron work.....	44	35		
H. A. Hood.....	Tug boat to Lurcher buoy.....	15	00		
J. Siteman.....	Saving and landing buoy.....	35	00		
Andrew Yeadon.....	Mooring stones.....	161	25		
W. Condon.....	Saving can buoy.....	15	00		
B. H. Ruggles.....	Salvage on Lurcher buoy.....	300	00		
John Patterson.....	Iron can buoys.....	600	00		
Creighton & Marshall.....	Chart.....	1	10		
				11,820	29
SIGNAL STATIONS.					
				16,802	72
Major J. Wray.....	Expenses of Signal Station, June quarter, 1882.....	571	19		
do	do do Sept. do 1882.....	580	86		
do	do do Dec. do 1882.....	582	67		
do	do do March do 1883.....	514	57		
do	Conveyance of signal parties, stores and provisions.....	480	39		
do	Ammunition for fog signals.....	22	43		
Lieut. A. Wrottesley.....	Salary as Superintendent of Signals, 9 months.....	112	50		
				2,864	61

RECAPITULATION.

Maintenance of Lighthouses.....	98,339	29			
do Fog Alarms.....	19,931	20			
do Humane Establishments.....	9,754	33			
do Buoys and Beacons.....	16,802	72			
do Signal Stations.....	2,864	61			
do Cape Race.....	1,551	25			
Queen's Printer, stationery and printing.....	6	16			
Public Buildings, Halifax, N. S., share of heating and attendance.....	548	61			
				149,798	17
Refund—2 tons coal from Seal Island F. A.				5	00
Total.....				\$149,793	17

JOHN TILTON,
Accountant.

WM. SMITH,
Deputy Minister of Marine and Fisheries.

APPENDIX No. 6

To the Sixteenth 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, 1883.

		<i>General Account.</i>		\$ cts	\$ cts.
Artemas Lord	12 months salary as Agent	\$990 04			
do	do superannuation tax.....	20 00			
do	Travelling expenses, paid for stamps, cheque-book, freight, storage, stationery, etc.....		1,000 04		
do	Paid for rouge powder		392 58		
Imperial Oil Co.	7,774·58 galls. of oil at 26c.....	\$2,021 39			
do	Exchange	5 06			
			2,026 45		
H. Jacobs	3 gross of pens		6 00		
T. L. Chappelle	Charges on charts		2 80		
H. W. Mutch	Repairs to store and putting away stores.....		9 06		
John Hamm	Cartage of supplies.....		2 75		
A. A. Telegraph Co	Telegrams		23 29		
J. D. Potter	Charts of harbour.....		7 28		
S. W. Crabbe	Mammoth burners, wicks, etc.....		73 53		
Ronald Campbell	Removing obstruction		149 00		
D. McLeod.....	Cleaning offices.....		30 00		
John Ball	Plans of Lights.....		76 50		
Bourke & Co.	Truckage of and packing supplies		5 44		
P. E. Island Railway	Freight on oil, white-lead, etc.....		25 58		
Brennen Bros.	Tags, ink, pencils, paper, etc.....		5 75		
J. A. McRae.....	Salvage on buoy		10 00		
Noonan & Davies	Paid labour storing and shipping oil, etc.....		30 75		
Richard Hunt.....	Balance of contract for delivering supplies		114 07		
Steam Navigation Co.	Freight on oil, brooms, pails, etc.....		40 31		
M. Power	Truckage of oil, etc.....		3 71		
W. P. Anderson	Travelling expenses inspecting.....		30 61		
F. O. Vallerand & Bro.	4 fog-horns, at \$24, \$96; boxes, cartage, etc., \$2.50		98 50		
Thomas Cantley & Co.	Mammoth chimneys, etc.....		89 05		
A. Hermons & Son.....	Measure and funnel for oil.....		1 20		
W. W. Clarke	Rent of oil store, wharfage, etc.....		100 65		
John Gahan	1 year's rent of warehouse to 30th Dec., 1882		70 00		
R. B. Huestis	Lantern, chamois skins, etc.....		7 95		
Peake Bros. & Co.	Manilla, etc.....		3 36		
The Examiner Pub. Co.	Advertising.....		15 80		
G. D. Rankin	Brush, comb and soap.....		2 26		
Capt. E. Marshall.....	Removing wreck		75 00		
Archibald Finlayson.....	Balance of travelling expenses to Ottawa		15 25		
Intercolonial Railway	Freight on empty barrels		37 40		
Carvell Bros.	do casks of paint		1 55		
Henry Blatch	Horse hire.....		3 00		
Lyman, Sons & Co	Ironclad paint.....		19 95		
					4,650 19
		<i>Block House Light.</i>			
Archibald McLean	12 months salary as Light-keeper	\$335 72			
do	do superannuation tax	4 24			
do			339 96		
do	Paid for putting down drain, building fence, clearing land, etc.....		81 80		
do	Allowance for fuel, 1882-83		32 00		
Michael Sweeney	Painting signal staff, etc.....		15 75		
	Carried forward		469 51		4,650 19
	99				

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

		\$ cts	\$ cts.
	Brought forward.....	469 51	4,650 19
<i>Block House Light</i> —Continued.			
B. Williams & Co.	Plank for new drain	10 87	
War Office, Halifax.....	2 years rent of ground	9 79	
R. McMillan	Posts and rails for fence.....	96 20	
Bourke & Co.	Chamois, towels, soap, etc.	17 09	
S. W. Crabbe.....	Spikes, ironclad paint, etc.	22 15	
McKinnon & McLean.....	Reflector stand	2 00	
A. Hermons & Son.....	Drip-pans, repairs to lamps, etc	0 60	
W. A. Brown & Co.....	Fleecy cotton.....	1 44	
Peake Bros. & Co.....	Rope, paint, etc.	10 79	
			640 44
<i>Cape Bear Light.</i>			
Thomas H. Mumm.....	12 months salary as Light-keeper.....	\$295 60	
do	do superannuation tax.....	4 36	
		299 96	
Bourke & Co.....	Olive oil, soap, chamois.....	29 89	
			329 85
<i>Cape Egmont Light.</i>			
P. E. I. Railway.....	Freight on lantern, etc.....		70 94
<i>Cascumpec Light.</i>			
John McCabe.....	12 months salary as Light-keeper	\$246 88	
do	do superannuation tax.....	3 12	
do	Allowance for fuel, 1882-83.....	250 00	
Bourke & Co.....	Soap, chamois, towels, etc.....	32 00	
George Wells.....	Repairs and painting tower and dwelling, etc.....	9 15	
S. W. Crabbe.....	Iron-clad paint, zinc, brushes, etc.....	44 38	
Artemas Lord.....	To pay for painting, etc.....	7 85	
Peake Bros. & Co.....	Cement and truce-age of tank.....	78 75	
John McBéth.....	Cementing water tank	4 86	
		4 00	
			428 99
<i>Crapaud Light.</i>			
Percy Palmer.....	12 months salary as Light-keeper, Harbour.....	100 60	
S. J. B. Leard.....	do do Range.....	60 00	
do	Paid for druckage of oil, postage, brass taps, etc....	6 56	
Bourke & Co.....	Towels, sponges, chamois, tin cans, soap, etc....	16 91	
J. R. Bourke, jun.....	Lamps, wicks, burners, etc.....	9 71	
			193 18
<i>Cove Head, Inner Range.</i>			
Ernest McMillan.....	12 months salary as Light-keeper.....	60 00	
R. B. Huestis.....	Towels, soap and chamois.....	3 30	
			63 30
<i>Cove Head, Outer Range.</i>			
Jas. D. McMillan.....	12 months salary as Light-keeper.....	40 00	
do	Paid for hauling ballast to abutment	21 00	
do	Paid for brush and stone for abutment.....	14 40	
			75 40
	Carried forward		6,482 29

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

		\$ cts.	\$ cts.
Brought forward.....			6,452 29
<i>East Point Light.</i>			
A. R. Beaton	12 months salary as Light-keeper.....	\$246 88	
do	do superannuation tax.....	3 12	
do	Allowance for fuel, 1882-83.....	250 00	
Bourke & Co.....	Olive oil, chamois, towels, etc.....	32 00	
Wm. Dingwall.....	Painting and repairs to cottage	21 37	
Matthew McLean & Co...	Hinges, nails, lumber, etc.....	28 00	
S. W. Crabbe	Lamp, oil, etc.....	19 08	
Artemas Lord.....	To pay board of self and tinsmith, horse hire, etc.	8 65	
W. A. Brown & Co.....	Towels, cotton, etc.....	31 25	
R. B. Huestis	Towels, cotton, etc.....	3 60	
Peak Bros. & Co.....	Zinc, paint, soda, etc.....	3 20	
John Newson.....	Lock.....	1 78	
McKinnon & McLean.....	Blinds, rollers, cord, etc.....	5 40	
	Repairs to revolving gear.....	2 50	
			406 83
<i>Fish Island Light.</i>			
A. J. McLellan	12 months salary as Light-keeper.....	\$246 88	
do	do superannuation tax.....	3 12	
do	Allowance for fuel, 1882-83.....	250 00	
Bourke & Co.....	Soap, chamois, towels, etc.....	32 00	
D. & P. McNutt.....	Repairs to well.....	10 27	
		5 00	
			297 27
<i>George Town, Inner Range.</i>			
Roger Westaway.....	Allowance for keeping winter light.....	25 00	
Murphy & Lane.....	Blocks and tackle.....	2 20	
W. & A. Brown & Co	Towels.....	0 54	
James Bourke.....	Material and labour at repairs.....	88 51	
R. B. Huestis	Soap, etc.....	2 13	
Peake Bros. & Co.....	Manilla fall for lantern.....	1 82	
			120 20
<i>Indian Point Light.</i>			
James Walsh	12 months salary as Light-keeper.....	\$295 60	
do	do superannuation tax.....	4 36	
do	Paid for derrick, boat, moorings, material and making boat sail, etc.....	299 96	
D. Rogers	Nails, hinges, paint, oil, etc.....	44 25	
Bourke & Co	Towels, brooms, buckets, etc.....	29 31	
Artemas Lord	To pay for boat	3 97	
Leonard Morris	To pay for boat	15 00	
Peake Bros. & Co.....	3 tons coal, at \$4 50	13 50	
M. Mathewson.....	Flag.....	3 70	
	Repairs to boat	8 00	
			417 69
<i>Little Channel Light.</i>			
William Hardy.....	12 months salary as Light-keeper.....	100 00	
Bourke & Co.....	Towels, soap, buckets, etc.....	6 19	
James Palmer.....	Brush and stone for breastwork.....	55 00	
do	Mooring ranges, spring 1883.....	6 00	
A. Hermons & Son.....	Repairs to burner and lamp	2 25	
R. B. Huestis	Shingle nails, brushes, etc.....	1 62	
			171 06
Carried forward.....			7,865 34

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

		\$ cts.	\$ cts.
	Brought forward.....		7,865 34
	<i>Little Tignish.</i>		
J. S. Chiasson	6 months and 15 days salary as Light-keeper.....	54 17	
Isidore Gaudet.....	5 do 16 do do	45 83	
J. J. Arsenault.....	Expenses placing Isidore Gaudet in charge of Light	2 50	
Bourke & Co.....	Towels, matches and soap.....	3 38	105 88
	<i>Little Sands Light.</i>		
Duncan Munn.....	6 months salary as Light-keeper, to 31st Dec, 1883.....		15 00
	<i>Murray Harbour Outer Range Light.</i>		
Abraham Daley.....	3 months salary as Light-keeper, to 30th June, 1883	12 50	
Bourke & Co.....	Chamois, towels, matches, etc.....	3 37	
R. B. Huestis.....	Zinc, paint, brushes, etc	0 65	16 52
	<i>Murray Harbour Inner Range Light.</i>		
James Penny, jun.	12 months salary as Light keeper	50 00	
Bourke & Co.....	Towels, soap, buckets, etc.....	8 16	
R. B. Huestis.....	Zinc, paint, etc.....	2 10	60 26
	<i>North Cape Light.</i>		
Peter H. Perry.....	12 months salary as Light-keeper.....	\$296 24	
do	do superannuation tax.....	3 76	
do	Allowance for fuel, 1882-83.....	300 00	
Bourke & Co.....	Chamois, soap, brushes, etc.....	34 00	
E. Thibodeau.....	Repairs and painting tower, etc.....	34 46	
S. W. Crabbe.....	Ironclad paint, lime, oil, etc.....	57 50	
F. Gallant.....	Repairs and deepening well	10 34	
A. Hermans & Son.....	do to lamps	38 13	
A. A. Baldwin.....	do	3 00	
	Washer, cutter and punch.....	0 36	475 79
	<i>New London Light.</i>		
George McKenzie.....	12 months salary as Light-keeper.....	100 00	
Bourke & Co.....	Chamois, cotton, buckets, etc.....	3 89	
D. Rogers	White lead.....	6 81	110 70
	<i>North Rustico Light.</i>		
Thomas G. Pursey.....	12 months salary as Light-keeper.....	100 00	
do	Allowance for fuel.....	20 00	
do	Paid for truckage of oil, etc.....	3 00	
Bourke & Son.....	Chamois, towels, soap, etc.....	9 48	133 48
	<i>Orwell Light.</i>		
John McDonald.....	12 months salary as Light-keeper	80 00	
Bourke & Co.....	Towels, chamois, brushes, etc.....	4 87	
R. B. Huestis	Red paint, etc.....	1 88	86 75
	Carried forward		8,868 72

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

		\$	cts.	\$	cts.
Brought forward.....				8,868	72
<i>Panmure Light.</i>					
Wm. McDonald.....	12 months salary as Light-keeper.....	\$296	24		
do	do superannuation tax.....		3 76		
do	Allowance for fuel, 1882-83.....		300 00		
Bourke & Co.....	Soap, chamois, towels, etc.		32 00		
David Sullivan.....	Well bucket.....		20 29		
A. Hermons & Son.....	Repairs to tank.....		0 75		
R. B. Huestis.....	File.....		0 75		
			0 55		
				354	34
<i>Point Prim Light.</i>					
Michae McLeod.....	12 months salary as Light-keeper.....	\$296	24		
ldo	do superannuation tax.....		3 76		
do	Allowance for fuel, 1882-83.....		300 00		
do	Paid on account boarding carpenters.....		32 00		
Bourke & Co.....	Towels, chamois, matches, etc.....		12 00		
W. J. Fraser.....	Making case and packing reflectors.....		9 03		
do	Taking down old lantern.....		3 00		
Poole & Lewis.....	Lumber for repairs.....		22 13		
Artemas Lord.....	Paid board and labour at repairs, truckage of lumber and freight of lantern.....		131 20		
Muttart & Irving.....	Carriage of case to Amherst.....		138 51		
The Steam Navigation Co.....	Freight and wharfage on lantern.....		6 18		
E. Chanteloup.....	Lantern and apparatus.....		10 16		
McKinnon & McLean.....	Repairs to roof.....		1,185 93		
Peake Bros. & Co.....	Lime, rope, cement, etc.....		2 70		
			128 90		
				1,931	74
<i>St. Andrew's Light.</i>					
Joseph Wightman.....	12 months salary as Light-keeper.....		100 00		
do	Allowance for keeping winter Light, 1882.....		25 00		
Bourke & Co.....	Matches, brooms, chamois, etc.		8 05		
				133	05
<i>St. Peter's Harbour Light.</i>					
W. W. McGrath.....	12 months salary as Light-keeper.....	\$128	36		
do	do superannuation tax.....		1 64		
do	Paid for moving inner range.....		130 00		
Angus McDonald.....	Repairing and painting tower.....		10 50		
Bourke & Co.....	Soap, chamois, waste, etc.....		24 10		
Charles Lyons.....	2-20 tons coal, at \$4.00.....		5 14		
A. Hermons & Son.....	Repairs to keys.....		8 04		
			0 60		
				178	38
<i>St. Peter's Island Light.</i>					
William Hewson.....	12 months salary as Light-keeper.....	\$197	48		
do	do superannuation tax.....		2 56		
do	Paid for hauling coal.....		200 04		
Charles Roper.....	Contract for fence.....		4 00		
Bourke & Co.....	Towels, brooms, chamois, etc.		101 00		
S. W. Craibe.....	Stove-pipe, copper tacks, etc.....		5 29		
R. B. Huestis.....	Zinc, paint, etc.....		1 01		
Peake Bros. & Co.....	19 lbs. pitch.....		1 62		
			0 57		
				313	53
Carried forward.....				11,829	76

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

		\$ cts.	\$ cts.
Brought forward.....			11,829 76
<i>Sea Cow Head Light.</i>			
M. P. O. Ranagan	12 months salary as Light-keeper.....	\$246 88	
do	do superannuation tax.....	3 12	
		250 00	
do	Allowance for fuel, 1882-83.....	32 00	
do	Paid for truckage of reflectors.....	2 75	
D. Rogers	Paper, paint, oil, etc.....	14 80	
Bourke & Co.....	Towels, soap, whiting, etc.....	10 34	
Milton Walsh.....	Material and repairs to lantern.....	50 10	
		359 99	
<i>South Rustico Light.</i>			
W. H. Ford.....	12 months salary as Light-keeper.....	100 00	
J. H. Myrick.....	Moving posts.....	12 00	
W. & A. Brown & Co.....	2 yards striped hessian.....	0 60	
Peake Bros. & Co.....	Manilla and tar.....	0 92	
D. McMillan.....	New mast, etc.....	10 50	
R. B. Huestis.....	Paint, oil, turpentine, etc.....	4 25	
		128 27	
<i>Souris Light.</i>			
Angus McDonald	12 months salary as Light-keeper.....	\$197 48	
do	do superannuation tax.....	2 56	
do	Paid for 2 400 tons coal, at \$3.40, \$7.48; truckage, etc., \$3.34.....	200 04	
do	Paid for zinc, pipe, etc.....	10 82	
Bourke & Co.....	Chamois, matches, etc.....	10 38	
Wm. Dingwall	Painting cottage.....	18 08	
Matthew McLean & Co.....	Brushes, etc.....	16 55	
Andrew Leslie	Building fence.....	2 91	
William Millet.....	Stove-pipe and lantern.....	70 65	
McKinnon & McLean.....	Brass nut.....	2 00	
		0 90	
		332 33	
<i>Summerside Light.</i>			
Charles Donahoe.....	12 months salary as Light-keeper.....	100 00	
do	Paid for storage and truckage of oil.....	7 00	
D. Rogers	Paint, oil, hinges, etc.....	5 25	
Bourke & Co.....	Brooms, brushes, chamois, etc.....	4 15	
		116 40	
<i>Tracadie Range Light.</i>			
Michael Ready.....	12 months salary as Light-keeper.....	100 00	
do	Paid for moving range lights.....	58 00	
Bourke & Co.....	Soap, chamois, matches, etc.....	3 89	
		161 89	
<i>West Point Light.</i>			
Wm. McDonald.....	12 months salary as Light-keeper.....	\$296 24	
do	do superannuation tax.....	3 76	
do	Paid for brush, gravel, etc.....	300 00	
do	Allowance for fuel, 1882-83.....	40 00	
S. W. Crabbe.....	Spikes, olive oil and buckets.....	32 00	
E. W. Taylor	Spikes, olive oil and buckets.....	13 00	
W. & A. Brown & Co. ...	Clock and repairs.....	4 75	
Peake Bros. & Co.....	Towels, blinds and cotton.....	6 74	
		4 86	
		401 35	
Carried forward			13,329 99

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

		\$	cts.	\$	cts.
Brought forward.....				13,329	99
<i>Wood Island Light.</i>					
James McMillan	12 months salary as Light-keeper.....	\$246	88		
do	do superannuation tax.....	3	12		
do	Allowance for fuel, 1882-83.....			250	00
Bourke & Co.....	Soap, buckets, brooms, etc.....			32	00
David Sullivan.....	Bucket			24	59
S. W. Crabbe.....	Ironclad paint, zinc, hinges, etc.....			0	75
Poole & Lewis.....	Posts, fence rails, etc.....			7	37
W. & A. Brown & Co. ...	Towels and cotton.....			9	69
R. B. Huestis.....	Nails and spikes			5	64
				2	80
				332 84	
BUOYS AND BEACONS.					
Capt. Geo. McKay.....	Painting and placing, North Rustico.....			75	69
G. H. Foster.....	Iron work and chain do			8	75
J. G. McLean.....	Second hand chain do			7	15
Peake Bros. & Co.....	Chain do			16	34
McKinnon & McLean.....	Buoy do			14	14
David Montgomery.....	1 year's contract to 1st July, 1882, Bedique.....			35	00
D. McKenzie.....	do 31st Dec., 1882, New London...			99	00
J. L. Davidson.....	do 1st July, 1882, St. Peter's Bay.			58	50
McKinnon & McLean.....	Buoy weights, Murray Harbour			25	38
G. H. Foster.....	Moorings do			4	35
Capt. Hyde.....	Freight do			3	15
W. A. Miller.....	Lifting, painting, replacing, etc., Murray Harbour			67	25
Peake Bros. & Co.....	Chain do			13	92
do	Paid wharfage on moorings do			0	20
A. A. Moore.....	Repairs, lifting, placing, etc., Pownal Bay.....			93	48
G. H. Foster.....	Mounting spar buoys, Charlottetown Harbour.....			41	74
do	Iron work do			13	00
Peake Bros. & Co.....	Chain do			10	08
Murphy & Laine.....	Fitting six spar buoys do			3	00
Artemas Lord.....	Paid for bell buoy do			119	08
David Small.....	Taking up buoys, buoys mooring stones, paint, painting, placing, etc., Charlottetown Harbour			483	40
Garvell Bros.....	Freight on bell buoy, Charlottetown Harbour.....			1	65
Ronald Campbell.	Buoy service one year to 1st July, 1882, Summerside			110	00
George McLeod.....	Salvage on buoy, East River.....			2	50
A. Campbell.....	do do			5	00
Peake Bros. & Co.....	Chain do			7	27
J. J. Kelly.....	Balance account for buoys, East River.....			51	78
Paul R. Costain.....	1 year's contract to 1st July, 1882, Mimingash.....			75	00
D. Howlett.....	do do Lower Grand				
do	River.....			45	00
do	Bushing channel, Lower Grand River.....			7	00
John McMillan.....	Taking up and placing, Upper Grand River.....			23	00
Alfred Steele.....	1 year's contract to 1st July, 1882, Souris.....			26	33
D. L. McLaren.....	do 31st Dec., 1882, Upper Cardigan			94	00
Joseph A. McNeil.....	do 1st July, 1882, Egmont Bay.....			54	00
John McAdam.....	Painting, placing and lifting, Savage Harbour.....			24	00
W. McDonald.....	do do West Point			50	55
D. Campbell.....	do do Grand Tracadie.....			52	00
Peake Bros. & Co.....	Chain, etc., do			20	03
D. S. McNutt.....	Painting, placing, etc., Malpeque.....			176	00
J. H. Foster.....	Iron work do			3	42
McKinnon & McLean.....	Mushroom anchors do			21	61
Peake Bros. & Co.....	Chain, etc., do			48	57
J. A. McMillan.....	Setting out, replacing, etc., Cove Head.....			37	00
Peake Bros. & Co.....	Chain, etc., do			4	95
James Palmer.....	Taking up, etc., Little Channel			45	00
George Wells.....	Repairing, raising, etc., Cascumpec.....			199	82
Carried forward.....				2,378	08
				13,662	83

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

		\$ cts.	\$ cts.
	Brought forward	2,378 08	13,662 83
BUOYS AND BEACONS—Concluded.			
John Woolner.....	Ironing three cask buoys, Cascumpec.....	25 10	
Peake Bros. & Co.....	Chain, etc., do	17 45	
Donald McMillan.....	1½ year's contract to 31st Dec., 1882, South Rustico	81 00	
John Finlay.....	Bushing, Vernon River.....	20 00	
S. J. B. Leard.....	1 year's contract to 31st Dec., 1882, Crapaud.....	49 00	
Wesley Meyers.....	Four spar buoys do	5 00	
William J. Ellis.....	1 year's contract to 31st Oct., 1882, Port Hill.....	55 00	
Charles Deagle.....	Placing, Rollo Bay	6 00	
E. McWade.....	1 year's contract to 31st Dec., 1883, Rollo Bay.....	30 00	
John Haggart.....	Lifting, landing, placing, etc., Georgetown.....	72 83	
H. M. Dingwall	1 year's contract to 31st Dec., 1882, Bay Fortune.	25 00	
I. McDonald.....	do 1st July, 1882, Orwell.....	48 00	
D. McDonald.	do 31st Dec., 1882, Lower Cardigan	33 33	
Angus Young.....	6 months contract to 31st Dec., 1882, \$25; bushing channel, \$5, Pinette.....	30 00	
James Mullins.....	Bushing channel, Tryon	5 00	
B. N. Johnston.....	1 year's contract to 31st Dec., 1882, Montague.....	50 00	
C. Gaudet.....	Repairs, etc., Beach Point.....	26 00	
			2,956 79
Queen's Printer.....	Stationery and printing.	23 95	16,619 62
Public Buildings, Char- lottetown	Share towards maintaining and heating.....	263 70	287 65
	Total.....		16,907 27

WM. SMITH,

Deputy Minister of Marine and Fisheries.

JOHN TILTON,

Accountant.

APPENDIX No 7

To the Sixteenth 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, 1883.

AGENCY.—SALARIES, ETC.		\$ cts.	\$ cts.
F Revely.....	Salary as Agent, 1st July to 31st Dec....	\$783 96	
do	Superannuation tax do	16 04	
do	Salary as Agent, 1st Jan. to 30th June...	\$882 00	800 00
do	Superannuation tax do	18 00	
do	Travelling expenses, paid freight, postages, etc.....		900 00
Wm. Gregory.....	12 months salary as Janitor		28 00
DeWiederhold & Co.....	1 cord of wood		120 00
Victoria Standard.....	Printing vouchers, etc.		3 25
Hudson Bay Co.....	Passage of Agent to and from New Westminster....		29 50
R. T. Williams	Victoria Directory and rubber stamp.....		26 75
T. N. Hibben & Co.....	Stamps, stationery, etc.		10 50
W. S. Wiffen.....	51 days clerical assistance, at \$3 00		28 12
			153 00
			2,099 12
MAINTENANCE OF LIGHTHOUSES, ETC.			
<i>Race Rocks Lighthouse.</i>			
Thomas Argyle.....	12 months salary as Light-keeper.....	\$1,488 00	
do	do superannuation tax.....	12 00	
Smith & Clark.....	Ladders.....		1,500 00
H. Saunders.....	Soap, etc.....		4 00
E. B. Marvin.....	285 galls. fish oil, at 55c., \$156.75; cotton waste, \$5.00.....		4 85
M. Muir.....	Freight on stores.....		161 75
T. Argyle	Paid Indian to carry letters		10 00
H. Georgeson.....	Freight on stores		3 00
			12 50
			1,696 10
<i>Fisgard Lighthouse.</i>			
H. Cogan.....	12 months salary as Light-keeper.....	\$587 00	
do	do superannuation tax.....	13 00	
Spring Vale Water Co ...	10 tons water.....		630 00
E. B. Marvin	Paints, etc.....		10 00
J. Huntington	Labour and material, repairs to fire grates.....		3 25
			6 25
			619 50
<i>Cape Beale Lighthouse.</i>			
E. Cox.....	9 months salary to 31st March, 1883.....	\$894 00	
do	do superannuation tax.....	6 00	
R. Carr.....	Iron water tank, 400 galls.....		900 00
Charlie (Indian).....	Carrying letters to and from station		25 50
A. Melnis.....	Carpenter's labour on tramway		25 00
D. McIsaac	do do		76 00
J. Devereux.....	Paid landing stores and labour on tramway.....		57 00
Muir Bros.....	Lumber for tramway		171 00
			228 00
	Carried forward		1,482 50
			4,414 72

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

		\$ cts.	\$ cts.
	Brought forward.....	1,482 50	4,414 72
	<i>Cape Beale Lighthouse</i> Concluded.		
J. Maynard.....	Hauling hydraulic pump.....	2 00	
E. B. Marvin.....	Nails, wire rope, etc.....	47 98	
Jackson (Indian).....	Carrying letters to and from station.....	12 50	
Harry do.....	do do.....	12 50	
H. C. Wilson.....	Wash boiler, etc.....	5 25	
Smith & Clark.....	Furring and mouldings.....	4 00	
			1,566 73
	<i>Berens Island Lighthouse.</i>		
A. McKinnon.....	12 months salary as Light-keeper.....	\$492 00	
do.....	do superannuation tax.....	8 00	
		500 00	
D. McIsaac.....	Carpenter's labour on repairs.....	24 50	
McKillican & Anderson.....	Lumber and labour on repairs.....	43 45	
E. B. Marvin.....	Boat's sculls, white lead, oil, etc.....	16 14	
W. P. Sayward.....	Lumber.....	38 12	
T. C. Jones.....	Repairs to boat.....	6 00	
			626 21
	<i>Entrance Island Lighthouse.</i>		
R. Gray.....	9 months salary as Light-keeper, to 31st March, 1883.....	\$444 00	
do.....	do superannuation tax.....	6 00	
		450 00	
A. Vipond.....	Repairs to burner.....	2 00	
E. B. Marvin.....	Paints, etc.....	9 85	
H. Saunders.....	10 casks coal oil, \$35.00; freight, \$5 00.....	40 00	
			501 85
	<i>Lightship, Fraser River.</i>		
Jos. Middleton.....	12 months hire temporary Lightship.....	6,000 00	
E. B. Marvin.....	Cotton waste, red-lead, waste, etc.....	32 42	
A. & W. Wilson.....	Repairs to lamps.....	19 75	
			6,052 17
	<i>Point Atkinson Lighthouse.</i>		
W. Erwin.....	12 months salary as Light-keeper.....	\$690 00	
do.....	do superannuation tax.....	10 00	
		700 00	
Shaw & Kuna.....	Bolt pins for pulley.....	6 45	
McKillican & Anderson.....	Sash and fittings.....	4 00	
E. B. Marvin.....	Leather, etc.....	5 80	
T. C. Jones.....	1 boat, sculls, etc.....	60 00	
			776 25
	<i>Fog-Whistle, Race Rocks.</i>		
J. Devereux.....	Paid for landing water.....	33 00	
Victoria Standard.....	Printing forms.....	11 30	
Geo. Platz.....	Coopering casks.....	6 00	
E. B. Marvin.....	Rubber hose, etc.....	18 25	
Victoria Water Works.....	Water.....	15 00	
A Argyle.....	24 cords of wood, at \$4.....	96 00	
			179 55
	BUOYS AND BEACONS.		
J. Devereux.....	Paid labour on buoys, Fraser River.....	364 99	
Victoria Standard.....	Advertising notices do.....	23 90	
	Carried forward.....	388 89	14,117 48

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

		\$	cts.	\$	cts.
Brought forward.....		388	89	14,117	48
BUOYS AND BEACONS—Continued.					
<i>British Columbian</i>	Advertising notices, Fraser River	29	43		
S. Clifford.....	Painting spar buoys do	3	50		
H. Saunders	Hire of steamer "Gertrude," Fraser River.....	60	00		
McKillican & Anderson..	Cedar spar buoys, Fraser River.....	73	25		
W. Spring.....	Chain, Fraser River.....	80	50		
J. Robertson.....	Swivels, etc., Fraser River.....	20	90		
Steamer "Maggie".....	Laying North-Arm buoys, Fraser River.....	15	00		
E. B. Marvin.....	Chains, etc., Fraser River	197	57		
J. Spratt.....	Hire of steamer "Cariboo Fly," Fraser River.....	262	50		
G. Bishop.....	Labour on buoys, Nanaimo.....	22	50		
<i>The Colonist</i>	Advertising notice, re Beaver Rock and Shoal Point buoys, Victoria and Esquimalt	8	80		
W. Owens.....	Labour on buoys, Victoria and Esquimalt	8	25		
Shaw & Kuna.....	New buoy, Gabriola Reef, Inland channels.....	420	00		
W. Spring.....	Chain, Gabriola reef do	49	35		
A. Gray.....	Drawing and specification do	5	25		
S. Clifford.....	Painting inside and out do	3	00		
J. Robertson.....	Bolt, etc. do	6	56		
P. McQuade & Son.....	Chain, Metlah-katlah	24	00		
				1,679	25
GENERAL ACCOUNT.					
Hudson Bay Co	Storage on Sand Heads lantern, wharfage and 1 bale of gunnies.....	190	70		
J. A. Raymur.....	Storage on piles.....	112	70		
<i>Victoria Standard</i>	Printing vouchers, stationery, etc.....	28	00		
A. Gray.....	Tracings of Indian reserve, etc.....	12	50		
Welch, Rithet & Co.....	Freight on oil and blacksmiths coal.....	79	50		
J. F. Wilson.....	Casting, winch end.....	30	73		
Dunsmuir, Diggle & Co.....	51 tons coal for Lighthouse, etc., at \$4.50.....	229	50		
J. Devereux.....	Paid labour and repairing boats.....	52	00		
E. Marvin.....	Bar iron, brooms, etc.....	46	39		
Secretary, Trinity House, London.....	1 cask rouge.....	48	41		
A. Vipond.....	Drawing section of western slope.....	10	00		
A. J. Smith.....	Estimates for Lighthouses.....	20	00		
A. McInnis.....	Labour making spare spar buoys.....	23	00		
S. Clifford.....	Painting do	5	00		
Continental Oil Co.....	240 cases coal oil, at \$2 35, \$564; premium on draft, \$2.10.....	566	10		
W. Owens.....	Labour on 240 cases coal oil.....	8	25		
W. G. Fraser.....	Cartage do	6	00		
C. P. N. Co.....	Fare and meals to and from New Westminster.....	19	25		
Muirhead & Mann.....	Oak crooks, etc.....	14	30		
W. Pollard.....	Legal services, Regina vs. Wm. Moore.....	50	00		
				1,552	33
Total				17,349	06

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

RECAPITULATION.

Maintenance of Lights above Montreal.....	69,116 68	
do between Quebec and Montreal.....	15,250 32	
do below Quebec.....	101,784 99	
do New Brunswick.....	74,947 92	
do Nova Scotia, including Sable Island Humane Establishment.....	148,241 92	
do Prince Edward Island.....	16,907 27	
do British Columbia.....	17,349 06	
do Cape Race.....	1,551 25	
Buoys and Beacons—Port of Montreal.....	7,000 00	
Black Brothers & Co.—To pay for paints, oils, etc.....	6,326 67	
Total.....		458,476 08

WM. SMITH,

Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 8.

To the Sixteenth 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, 1883

		ABOVE MONTREAL.			
		\$	cts.	\$	cts.
GENERAL ACCOUNT.					
D. G. R. Mann	365 days service as Draughtsman, at \$2.25 per diem	821	25		
W. G. Lampey.....	do do 1.75 do ...	633	75		
W. P. Anderson	Travelling expenses locating and superintending erection	206	16		
<i>Aylmer Times</i>	Advertising for tenders for Upper Ottawa Light....	3	20		
A. Mortimer	Lithographing and printing diagrams of 100 beacon lights.....	13	00		
E. G. McLaughlin.....	Photographing plans, etc.....	69	28		
D. O'Connor.....	Professional services procuring lease of a portion of Hawley's Island for lighthouse purposes, etc.	41	50		
do	Professional services in re L'Original Light.....	53	73		
John Corbett.....	On account of travelling expenses	50	00		
A. Buchan.....	Purchase money for site of L'Original Light.....	200	00		
				2,096	87
<i>Cockburn Island Fog Alarm.</i>					
H. R. Sewell.....	Balance due on Fog-horn			29	75
<i>Great Duck Island.</i>					
Indian Commissioner.....	297 acres of land at 50c. on Great Duck Island.....			148	50
<i>Isle Perrot.</i>					
W. P. Anderson	Expenses locating new Light.....			14	75
<i>Leamington.</i>					
J. A. Macdonald.....	Professional services in re Leamington Lighthouse			48	28
<i>Missisagua Island.</i>					
Kincardine Standard	Advertising for tenders.....	3	10		
Goderich Star.....	do	3	10		
Union Standard.....	do	2	48		
Yorkville News.....	do	4	84		
<i>Weekly Herald</i>	do	3	10		
<i>Exeter Times</i>	do	3	10		
Times Office, Owen Sound	do	2	48		
Orillia Packet	do	3	10		
Algoma Pioneer.....	do	2	48		
Patterson & Watson.....	do	2	48		
Sentinel Printing Co.	do	3	10		
<i>Enterprise</i>	do	3	10		
Huron News	do	3	10		
Brantford Witness	do	3	10		
				42	16
Carried forward				2,380	31

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

		\$ cts.	\$ cts.
	Brought forward.....		2,380 31
ABOVE MONTREAL—Continued.			
<i>Oliphant.</i>			
L. H. McLean.....	Conveyance of engineer.....	25 00	
E. G. Smith.....	Horse hire.....	20 00	
			45 00
<i>Prince Arthur's Landing.</i>			
W. H. Davis.....	Amount of contract in full.....		700 00
<i>Port Credit.</i>			
Mail Printing Co.....	Advertising for tenders.....	4 20	
Monetary Times.....	do.....	2 80	
Irish Canadian.....	do.....	2 80	
Roderick Cameron.....	On account contract.....	1,350 00	
L. C. Barney.....	Plate glass, &c.....	46 00	
E. Chanteloup.....	Lantern, bracket, gallery, &c.....	341 92	
Chance Bros. & Co.....	1 anchor light-lens and freight.....	87 42	
A. Blackley.....	Paid freight on lantern apparatus.....	21 28	
Great Western Railway Co.....	Freight on lamp.....	1 74	
John Corbett.....	On account, expenses erecting lantern.....	35 00	
			1,893 16
<i>Port Stanley.</i>			
British Canadian Office...	Advertising for tenders.....		3 60
<i>Red Rock.</i>			
T. R. Caton.....	Balance of contract.....		115 00
<i>Upper Ottawa Lights.</i>			
Pembroke Standard.....	Advertising for tenders.....	2 56	
Eganville Enterprise.....	do.....	2 56	
W. P. Anderson.....	Travelling expenses, inspecting.....	28 20	
J. E. Askwith.....	Amount of contract.....	900 00	
			933 32
<i>Whiskey Island.</i>			
W. A. Thompson.....	20 weeks inspecting at \$5.00.....		100 00
<i>Colchester Reef.</i>			
Canadian Sportsman.....	Advertising for tenders.....	2 70	
Canadian Printing Co.....	do.....	2 16	
Journal do.....	do.....	2 70	
Maple Leaf.....	do.....	2 16	
Spirit of the Age.....	do.....	2 16	
C. J. Wilson.....	On account, contract.....	3,600 00	
			3,611 88
BETWEEN QUEBEC AND MONTREAL.			
<i>Batiscan.</i>			
J. M. McDougall.....	Professional services executing deed of land, etc.....		5 00
			5 00
	Carried forward.....		5 00

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

		\$ cts.	\$ cts.
Brought forward			5 00
BETWEEN QUEBEC AND MONTRÉAL—Con.			
<i>St. Emils.</i>			
Blanchet & Pelletier	Professional services executing deed of land, etc...	7 80	
Superior Court of Quebec	Payment of expropriation Trout Range and Back Range Lights	63 60	
Jules E. Larue	On account, disbursements in re. site.....	100 03	
			171 40
<i>Witch Rock.</i>			
<i>Journal de Waterloo</i>	Advertising for tenders	2 60	
<i>Observer</i>	do	2 08	
<i>Sherbrooke Gazette</i>	do	2 60	
do <i>Pioneer</i>	do	2 60	
<i>Richmond Guardian</i>	do	2 08	
L. C. Barney	Plate glass, grinding edges, etc	28 90	
J. E. Davidson	Amount of contract in full	500 00	
D. G. R. Mann	Travelling expenses, inspecting	26 30	
W. P. Anderson	do do	19 00	
			586 16
BELOW QUEBEC.			
<i>Cap aux Oies.</i>			
Ambroise Trudel	In full settlement of all demands		103 00
<i>Cape Bauld.</i>			
E. Chanteloup	Cast iron lantern, blinds, etc.	1,892 60	
J. E. Askwith	On account of contract	3,600 00	
			5,492 60
<i>Plateau or Flat Rock, St. Peter's Island.</i>			
<i>Daily Telegraph</i>	Advertising for tenders	2 90	
<i>Canadien</i>	do	2 90	
<i>Union Advocate</i>	do	3 90	
<i>L'Evenement</i>	do	2 32	
<i>Morning Chronicle</i>	do	2 90	
<i>Courier du Canada</i>	do	2 90	
James Desmond	On account contract.....	2,140 00	
			2,156 82
<i>Point St. John.</i>			
Canadian Pacific Railway	Freight on lamps and reflectors		3 24
<i>Rivière du Loup.</i>			
<i>Courier de Montmagny</i>	Advertising for tenders	2 80	
E. Chanteloup	Lantern, gallery, blinds, etc.....	341 92	
James Sheridan	Contract removing light to eastern side of pier	699 00	
Chance Bros. & Co.	1 Anchor light lens and freight.....	87 41	
			1,131 13
<i>St. Thomas de Montmagny.</i>			
Steam Gauge & Lantern Co., Rochester, N.Y.	Marine glasses, etc.....		4 95
Carried forward.....			8,891 74

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

		\$ cts.	\$ cts.
	Brought forward.....		8,891 74
BELOW QUEBEC—Continued.			
<i>General Account.</i>			
J. B. Hazel	Translating specifications.....		24 00
			8,911 74
NEW BRUNSWICK.			
<i>Bay du Vin.</i>			
Thomas Doolan.....	Amount contract.....		197 00
<i>Belyea's Point.</i>			
S. Clark.....	Extras on contract.....		42 00
<i>Buctouche.</i>			
R. Douglas.....	Paid wages of men sounding depth of water, locating range lights, etc.....	35 00	
Cajeton Oaisy.....	Purchase money for site.....	40 00	
St. John News.....	Advertising for tenders.....	2 50	
Union Advocate.....	do.....	2 80	
Chatham World.....	do.....	2 80	
H. T. Stevens.....	do.....	2 80	
L. C. Barney.....	Plate glass.....	17 88	
L. R. Harrison.....	Drawing and executing deeds.....	108 50	
M. Jaillet.....	Amount of contract.....	387 38	
			599 66
<i>Hay Island.</i>			
E. Chauteloup.....	Lamp with reservoir, chimneys, etc.....		35 63
<i>Quaco.</i>			
L. R. Harrison.....	Drawing and executing deeds.....		148 28
			1,022 57
NOVA SCOTIA.			
<i>Cranberry Island.</i>			
Digby Publishing Co.....	Advertising for tenders.....	2 56	
New Era.....	do.....	3 20	
The Plaindealer.....	do.....	1 25	
Presbyterian Witness.....	do.....	2 56	
Weekly Monitor.....	do.....	2 56	
Colonial Standard.....	do.....	3 20	
Western Chronicle.....	do.....	2 56	
Liverpool Times.....	do.....	3 20	
Trades Journal.....	do.....	1 50	
Lunenburg Progress.....	do.....	1 63	
Advocate Publishing Co.....	do.....	2 56	
Windsor Mail.....	do.....	2 56	
Church Guardian.....	do.....	2 75	
Wesleyan Office.....	do.....	2 56	
Morning Herald.....	do.....	3 20	
Watchman.....	do.....	2 56	
Carried forward.....			40 41

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

		\$ cts.	\$ cts.
Brought forward.....		40 41	
NCVA SCOTIA—Continued.			
<i>Cranberry Island—Concluded.</i>			
A. C. Bertram.....	Advertising for tenders.....	3 20	
<i>Evening Mail</i>	do	3 20	
<i>The Casket</i>	do	2 56	
			49 37
<i>Croucher's Island.</i>			
<i>New Era</i>	Advertising for tenders.....	3 00	
<i>Eastern Beacon</i>	do	1 00	
<i>Colonial Standard</i>	do	3 00	
<i>Colchester Sun</i>	do	2 40	
<i>Church Guardian</i>	do	2 00	
<i>The Plaindealer</i>	do	1 00	
<i>Presbyterian Witness</i>	do	2 40	
<i>Windsor Mail</i>	do	2 40	
<i>Lanenburg Progress</i>	do	1 25	
<i>Liverpool Times</i>	do	3 00	
<i>The Watchman</i>	do	2 40	
<i>Western Chronicle</i>	do	2 24	
<i>Adeocate Publishing Co.</i>	do	2 40	
<i>North Sydney Herald</i>	do	1 20	
<i>Wesleyan Office</i>	do	2 40	
<i>The Casket</i>	do	2 40	
<i>Digby Publishing Co.</i>	do	2 40	
<i>Weekly Monitor</i>	do	2 40	
<i>Morning Herald</i>	do	3 00	
<i>Evening Mail</i>	do	3 00	
<i>Trades Journal</i>	do	1 25	
W. H. Banks.....	do	2 40	
L. C. Barney.....	Plate glass.....	62 75	
B. Chanteloup.....	Lantern, blinds, etc.....	505 57	
H. W. Johnston.....	Paid freight on lantern, etc.....	30 54	
Captain Dauphiney.....	Freight on lantern apparatus.....	16 00	
Chance Bros & Co.....	Anchor light, £23 15s. 6d.....	115 71	
Alfred Worger.....	9 weeks inspecting, at \$5.00.....	45 00	
O. A. Smith.....	Amount of contract in full.....	1,535 00	
James Croucher.....	do purchase of site.....	200 00	
			2,559 51
<i>Crow Harbour.</i>			
<i>Colonial Standard</i>	Advertising for tenders.....	3 00	
Chance Bros & Co.....	Anchor light, £22 7s. 6d.....	108 89	
James McDonald.....	Amount of contract in full.....	1,429 00	
G. Hadley.....	7 weeks inspecting, at \$5.00, \$35.00; travelling expenses, \$19.75.....	54 75	
			1,595 64
<i>Jerome Point.</i>			
<i>New Era</i>	Advertising for tenders.....	3 00	
<i>Eastern Beacon</i>	do	1 00	
<i>Colonial Standard</i>	do	2 80	
<i>Church Guardian</i>	do	2 00	
<i>The Plaindealer</i>	do	1 00	
<i>Presbyterian Witness</i>	do	2 24	
<i>Colchester Sun</i>	do	2 24	
<i>Windsor Mail</i>	do	2 24	
<i>Lanenburg Progress</i>	do	1 20	
<i>Liverpool Times</i>	do	2 80	
<i>The Watchman</i>	do	2 24	
Carried forward.....		22 76	4,204 25

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

		\$ cts.	\$ cts.
Brought forward		22 76	4,204 52
NOVA SCOTIA—Continued.			
<i>Jerome Point—Concluded.</i>			
<i>Western Chronicle</i>	Advertising for tenders.....	2 40	
<i>Advocate Publishing Co.</i>	do	2 24	
<i>North Sydney Herald</i>	do	1 12	
<i>Wesleyan Office</i>	do	2 24	
<i>The Casket</i>	do	2 24	
<i>Digby Publishing Co.</i>	do	2 24	
<i>Weekly Monitor</i>	do	2 24	
<i>Trades Journal</i>	do	1 25	
<i>Morning Herald</i>	do	2 80	
<i>Evening Mail</i>	do	2 80	
<i>W. H. Banks</i>	do	2 24	
<i>L. C. Barney</i>	Plate glass, etc.....	62 75	
<i>E. Chanteloup</i>	Lantern, lamps, etc.....	747 12	
<i>H. W. Johnston</i>	Paid freight on do	36 72	
<i>L. J. O'Toole</i>	Amount of contract in full	1,270 00	
<i>Hector McPherson</i>	21 weeks inspecting, at \$5.....	105 00	
			2,268 16
<i>Merigomish Harbour, Kings Head.</i>			
<i>Colonial Standard</i>	Advertising for tenders.....	3 10	
<i>D. McDonald</i>	Freight on lantern.....	6 00	
do	13 weeks inspecting, at \$5	65 00	
<i>A. McQueen & H. Cameron</i>	Balance contract, \$997: extras, \$38.28.....	1,035 28	
<i>G. W. A. Lowden</i>	Making survey and plan	30 00	
			1,139 38
<i>Pope's Harbour.</i>			
<i>Andrew Barton</i>	Principal and interest on land for site of light— principal, \$80; 6 years' interest at 6 per cent. \$28.80		108 80
<i>Quaker Island.</i>			
<i>T. Naas</i>	Purchase of site.....	120 00	
<i>W. Graham</i>	Professional services in re site.....	43 50	
<i>Trades Journal</i>	Advertising for tenders.....	1 50	
<i>Liverpool Times</i>	do	3 10	
<i>Western Chronicle</i>	do	2 48	
<i>Lunenburg Progress</i>	do	1 25	
<i>Windsor Mail</i>	do	2 48	
<i>Advocate Publishing Co.</i>	do	2 48	
<i>A. C. Bertram</i>	do	3 10	
<i>The Watchman</i>	do	2 48	
<i>Yarmouth Times</i>	do	3 25	
<i>The Plaindealer</i>	do	2 40	
<i>Standard Publishing Co.</i>	do	3 10	
<i>The Casket</i>	do	2 48	
<i>New Era</i>	do	3 10	
			196 70
<i>Westhaver.</i>			
<i>Colonial Standard</i>	Advertising for tenders.....	3 80	
<i>Chance Bros. & Co.</i>	Anchor light, £22 7s. 6d.	108 89	
<i>James Smith</i>	Amount of contract in full	1,325 00	
<i>F. Slaughenwhite</i>	13½ weeks inspecting, at \$6.....	67 50	
			1,505 19
			9,422 75

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

		\$	cts.	\$	cts.
PRINCE EDWARD ISLAND.					
<i>Cape Egmont.</i>					
<i>Examiner</i> Printing Co....	Advertising for tenders	4	42		
<i>Presbyterian</i>	do	4	55		
<i>The Herald</i>	do	2	10		
L. C. Barney	Plate glass, etc.....	59	80		
E. Chanteloup	Lantern, lamps, etc.....	887	40		
A. Lord.....	Paid purchase money for site and right of way.....	135	00		
E. J. Hodgson.....	Drawing and executing deed.....	65	67		
				1,158	94
<i>Carignan.</i>					
<i>Charlottetown Herald</i>	Advertising for tenders.....	1	50		
<i>Examiner</i> Publishing Co.	do	1	55		
<i>Presbyterian</i>	do	1	50		
E. Chanteloup	Iron gallery.....	80	00		
				84	55
<i>Savage Harbour.</i>					
D. & J. McEachern.....	Purchase money for site.....			100	00
<i>Souris Light.</i>					
Andrew Leslie.....	Balance of contract.....	511	00		
Wm. Dingwell.....	16 weeks' inspection at \$5	80	00		
				591	00
				1,934	49
BRITISH COLUMBIA.					
<i>Race Rocks Fog Alarm.</i>					
Smith & Clark	Balance on account of engine-house	74	30		
McKillican & Anderson ..	Water-tank	775	00		
				849	30
<i>Fraser River Lightship, Sands Head, B.C.</i>					
<i>Pacific Herald</i>	Advertising for tenders	5	96		
English & Co.	Hire of steamer, selecting site.....	50	00		
J. Devereux.....	Travelling expenses.....	7	00		
C. P. Navigation Co	Passages to and from New Westminster.....	24	00		
A. McInnis.	14 days superintending screwing files	70	00		
				155	96

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

RECAPITULATION.

	\$ cts.	\$ cts.
Construction of Lights above Montreal.....	6,170 39	
do between Quebec and Montreal	762 56	
do below Quebec.....	8,911 74	
do New Brunswick.....	1,022 57	
do Nova Scotia.....	9,422 75	
do Prince Edward Island.....	1,934 49	
do British Columbia	849 30	
do Colchester Reef.....	3,611 88	
do Sands Head.....	155 96	
Queen's Printer, stationery and printing.....		32,841 64 62 48
		32,904 12
REFUND.		
Over-payment of interest, Lights between Quebec and Mon- treal, in Cheque No. 1187		1 80
		32,902 32

WM. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 9.

To the Sixteenth 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, 1883.

		<i>Steamer "Napoleon III."</i>		\$ cts.	\$ cts.
E. Larochelle.....	12 months salary as Captain.....			1,000 00	
do	Pay-list, wages of officers and crew			6,961 94	
A. J. Turcotte.....	Groceries.....			1,270 14	
D. Langlois.....	Milk.....			76 86	
G. Tanguay.....	Flour, peas, etc.....			360 62	
L. Arel.....	Meat, vegetables and ice.....			1,581 90	
P. Plamondon et frère..	Fish.....			116 26	
L. F. Faffard.....	do			16 00	
L. Marois.....	Vegetables, etc.....			333 53	
E. Larochelle.....	Paid for provisions during voyages, labour coaling, etc.....			231 30	
J. Bte. Côté.....	Provisions			404 45	
Jos. Eden.....	do			37 43	
J. Shea & Bro.....	Pork, hams, butter, salt, etc.....			916 60	
F. Lafamme.....	Bread.....			272 52	
A. St. Laurent.....	Provisions.....			48 25	
J. Dery.....	Fish.....			12 50	
Noonan & Davies.....	Provisions.....			305 36	
T. Hetherington.....	Biscuits.....			76 06	
F. X. Gagnon.....	Maple syrup.....			6 25	
Clish, Crow & Co.....	Material for and repairing anchor, etc.....			165 20	
S. Peters.....	Lumber.....			108 98	
G. T. Phillips.....	Brass and copper repairs.....			636 47	
R. Blakiston.....	Covering steam pipe.....			18 10	
T. Routier.....	Pay-list, wood and iron work, repairs, etc.....			528 10	
Bisset & Bros.....	Repairing engines.....			92 45	
O. Gordeau.....	Carpenters repairs.....			63 00	
T. Parent.....	Cooperage.....			10 05	
O. Simard.....	Repairing kitchen utensils, paint and brushes.....			56 70	
G. Lamontagne.....	Repairing clocks.....			4 50	
J. Leblanc.....	do rigging.....			35 00	
Hy. Black.....	do grate and stove.....			11 74	
J. O'Donohoe.....	do compasses.....			10 00	
S. Belanger.....	do rigging.....			20 00	
G. T. Davie.....	Dockage.....			325 00	
J. Sullivan.....	Pine.....			62 00	
J. M. Tardif.....	Spar.....			3 00	
Carrier, Laine & Co.....	Repairs to engines.....			3 75	
Audet et Robitaille.....	Rope, canvas, etc.....			446 81	
J. P. Dery.....	Stationery.....			5 80	
Dawson & Co.....	do.....			7 35	
Beaudet et Chinic.....	Hardware, boiler plates, etc.....			270 15	
D. Davidson.....	Compass.....			43 93	
W. H. Crawford & Co.....	Cement.....			5 00	
S. J. Shaw & Co.....	Rubber packing, paint, etc.....			319 70	
J. Hamel et frère.....	Bedding, carpets, etc.....			230 75	
A. McCallum.....	Chronometer hire.....			48 50	
E. Giroux et frère.....	Plasters, drugs, etc.....			12 90	
Doyle & Demers.....	Hardware, paint, brushes, etc.....			76 87	
S. Bédard.....	Pipes, canisters and repairs.....			81 75	
Renaud et Cie.....	Crockery.....			60 75	
F. Derouin.....	Blocks.....			13 20	
O. L. Richardson.....	Leather for oars.....			4 56	
J. F. Arel.....	Mattresses, pillows and repairs to stools.....			74 40	
Carried forward.....				17,884 43	

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

		\$ cts.	\$ cts.
Brought forward		17,884 43	.....
<i>Steamer "Napoleon III."—Concluded.</i>			
R. Blakiston.....	Sails.....	231 95	
T. Parent.....	Water barrels.....	12 25	
F. Auger.....	Screws.....	17 25	
J. Dunn.....	Tallow and soap.....	316 33	
O. Simard.....	Paint, brushes, files, etc.....	163 07	
P. P. Pouliot.....	Boat, guards and painting.....	147 00	
J. B. Dutel.....	Oars.....	63 50	
O'Neil & Judd.....	Towels.....	7 20	
A. J. Turcotte.....	598 gallons olive oil, at \$1.10.....	657 80	
do.....	50 do linseed oil, at 80c.....	40 00	
do.....	150 do do 78c.....	117 00	
do.....	100 do do 70c.....	70 00	
do.....	Barrels and cartage.....	4 45	
do.....	550 lbs. cotton waste, at 11½c.....	63 25	
J. Marmen.....	Cartage of supplies.....	19 85	
P. Rouillard.....	Washing.....	75 00	
W. T. Davie.....	Towage.....	40 00	
R. R. Oall.....	Pilotage.....	60 00	
J. E. Le Bourdais.....	Reporting steamers.....	6 00	
Mrs. A. Bolduc.....	Washing.....	4 00	
Queen's Wharf.....	Wharfage.....	100 00	
A. Cloutier.....	Expenses of crew from Halifax.....	99 40	
T. D. Shipman.....	Passage of crew to Halifax.....	227 26	
Dolan & Co.....	Gold lace, crowns, etc.....	49 20	
J. Hamel et frères.....	Cloth, serge, caps, shirts, etc.....	255 48	
W. Lee.....	Making uniforms.....	312 50	
G. R. Renfrew & Co.....	Caps.....	34 25	
B. Marceau.....	Labor at coal.....	9 00	
J. Vézina.....	do.....	10 75	
R. Patterson.....	do.....	48 75	
P. Quinn.....	do.....	23 00	
J. Hden.....	Rent of coal yard at Gaspé.....	160 00	
A. Boulet.....	Freight on 77 tons of coal, at \$1.80.....	138 60	
F. Gunn.....	159 tons of coal, at \$4.60.....	731 40	
do.....	200 do \$3.95.....	790 00	
G. M. Webster & Co.....	120 chaldrons of coal, at \$6.00.....	720 00	
Acadia Coal Co.....	258½ tons of coal, \$2.30.....	594 55	
Noonan & Davies.....	462 do \$2.30.....	\$1,062 60	
do.....	Trimming coals, \$81.50; commission, \$28.08.....	\$9 58	
		1,152 18	
A. Cloutier.....	Milk, etc.....	9 50	
H. W. Johnston.....	Paid railway fare of crew to Quebec.....	317 01	
Thos. Ead.....	Labor at coal and on board.....	208 78	
John Parker.....	Beef.....	268 66	
Lordly & Stimpson.....	Groceries.....	588 35	
Halifax Pilot Commis- sioners.....	Pilotage.....	19 00	
M. O'Brien.....	Washing.....	21 00	
J. A. McArthur.....	Provisions.....	20 72	
R. Beazley & Co.....	Fish.....	42 69	
F. Meyers.....	Vegetables.....	255 43	
Moir, Son & Co.....	Bread.....	41 19	
Burns & Murray.....	Bedding.....	53 60	
G. E. Smith & Co.....	Oil, tallow, white lead, etc.....	95 87	
Godfrey Bros.....	Vegetables.....	28 86	
Peter Judge.....	Water.....	7 00	
Michael Devan.....	Surf boat.....	120 00	
J. M. Durkee.....	Beef.....	48 60	
W. J. Dale.....	Bread.....	18 00	
S. Belanger.....	do.....	54 00	
Creighton & Marshall.....	Chart.....	1 00	
M. Dadey.....	Pilotage.....	39 00	
West India Wharf.....	50 tons of coals, \$3.20.....	160 00	
Carried forward		27,814 61	.....

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

		\$ cts.	\$ cts.
Brought forward.....		27,814 61	.....
<i>Steamer "Napoleon III."—Concluded.</i>			
J. E. Butler	Boat hook staves.....	7 20	
C. E. Creighton & Co.....	52½ gallons of oil, at 25c., \$13 13; cartage, 25c	13 38	
		27,835 19	
Refund—Board of passengers.....		51 20	27,783 99
<i>Steamer "Druïd."</i>			
L. R. Demers	12 months salary as Captain	800 00	
do	Paid wages of crew	4,661 58	
A. J. Turcotte.....	Groceries	855 75	
D. Langlois.....	Milk	132 36	
G. Tanguay	Flour, peas, etc.	91 25	
L. Arel.....	Meat	1,533 40	
P. Plamondon et frère.....	Fish.....	156 30	
L. R. Demers.....	Paid for provisions during voyages	63 88	
L. Marois.....	Vegetables.....	408 49	
M. Dickey	Provisions.....	76 97	
J. B. Côté	Butter, ham, etc.....	242 29	
J. Shea & Bros.....	do	439 55	
F. Bergin.....	Milk and cream.....	12 25	
F. Lafamme.....	Bread	302 88	
T. Hetherington.....	Biscuits.....	19 82	
D. Anderson.....	Potatoes.....	7 70	
F. X. Gagnon.....	Maple syrup	6 25	
T. Routier.....	Pay-list, wood and iron repairs.....	289 12	
S. Peters.....	Lumber.....	69 97	
P. Durand.....	Plating spoons and forks	30 75	
G. T. Phillips.....	Brass and copper repairs.....	172 07	
R. Blakiston.....	Covering steam winch.....	16 35	
E. Leonard.....	Painting and gilding.....	265 93	
E. Desgagné.....	Repairs.....	4 00	
O. Simard.....	do kitchen utensils.....	22 90	
J. F. Arel.....	do cabin furniture, etc.....	82 00	
A. Michaud.....	do to machinery.....	7 00	
P. Rouillard.....	do uniforms.....	13 00	
J. O'Donohue.....	do compass.....	5 25	
R. Fortin.....	do rigging.....	20 00	
S. Bédard.....	do lamps, pipes, etc.....	42 20	
Bisset Bros.....	Valves and repairs	423 29	
J. A. Williams.....	Lumber.....	76 25	
J. M. Tardif.....	Spars	2 00	
T. Berrigan.....	Carting snow.....	40 00	
G. M. Webster.....	Cement.....	4 00	
Dolan & Co.....	Gold lace, crowns, etc.....	49 20	
J. Hamel et frères.....	Caps, shirts, serge, cloth	255 48	
G. R. Renfrew & Co.....	do	11 25	
W. Lee.....	Making uniforms.....	296 00	
Jno. Dunn.....	Soap and tallow	245 84	
Renaud & Co.....	Crockery.....	45 60	
M. McLaughlin.....	Rope	26 03	
A. Marmen.....	Barometer.....	18 00	
Audet & Robitaille.....	Paid for binocular glass	193 79	
J. P. Dery.....	Stationery	6 05	
Beaudet & Chénic.....	Hardware	53 35	
O. Simard.....	Files, red lead, brushes, etc.	152 46	
E. Giroux.....	Medicines	45 20	
L. R. Demers.....	Paid for binocular glass	15 00	
T. Parent.....	Empty barrels.....	14 60	
O'Neil & Judd.....	Towels	7 20	
J. F. Arel.....	Mattresses, pillows, etc.	48 90	
G. T. Phillips.....	Inspirator, valves, etc.....	381 86	
R. Blakiston.....	Sails.....	36 40	
Carried forward.....		13,299 01	.....

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

		\$	cts.	\$	cts.
Brought forward.....		13,299	01		
<i>Steamer "Druid."—Concluded.</i>					
Dawson & Co.....	Charts		4	20	
F. Auger	Screws		17	25	
S. J. Shaw & Co.....	Packing and hardware.....	112	28		
A. McCallum	Charts		1	80	
J. Hamel et frère.....	Blankets, towels, etc.....		38	00	
Doyle & Demers	Hardware		71	05	
J. Marmen	3 cords wood, at \$5		15	00	
J. M. Tardivel	Glass		5	70	
J. B. Dutil	Oars		25	00	
Ross & Co.....	Coal oil		10	04	
J. Sullivan	Boilers, side lights, pins, etc.....	327	50		
C. E. Holiwell.....	Stationery		13	25	
A. J. Turcotte.....	100 galls. linseed oil, at 78c.....		78	00	
do	100 do do at 70c.....		70	00	
do	297 do olive oil, at \$1.10.....	326	70		
do	40 do castor oil, at \$1.20		48	00	
do	Barrels and cartage.....		2	45	
do	Cotton waste.....		63	25	
F. Gunn.....	100 tons coal, at \$4.60.....	460	00		
do	292 do at 3.95	1,153	40		
W. Laird.....	60 do at 4.50	270	00		
E. O'Connor.....	Coaling		14	00	
L. Laurent	do		18	75	
R. Patterson.....	do		32	50	
M. E. Fitzhenry.....	Washing		28	68	
J. Marmen.....	Cartage	110	30		
P. Rouillard	Washing.....	125	10		
J. Radford	Pilotage.....		7	00	
Queen's Wharf.....	Wharfage	100	00		
A. Frenette	Pilotage		72	50	
Quebec Harbor Commis- sioners	Moorage		24	00	
M. Dickey	Paid for washing.....		44	40	
M. E. Fitzhenry	Mending flags		8	70	
G. Lessard	Watching		98	80	
W. Boucher	Labor at snow.....		24	80	
J. Lepage	Cutting ice		12	00	
J. Blais	Wintering boat.....		50	00	
S. Carroll	Paid for Painting and scraping.....	139	69		
Hy. Hicks	Repairing engine and cleaning boiler		61	15	
17,372 14					
<i>Steamer "Newfield."</i>					
C. Fraser.....	Coaling		44	16	
H. Meagher	Provisions	125	45		
Austen Bros.....	Valvaline, shovels, etc.....	149	15		
Peter Judge	Water		35	60	
Charles Neal	Labour loading timber.....		26	50	
Richard Abbott.....	Blocks		21	25	
R. Beazley & Co.....	Fish		50	93	
W. S. Symonds & Co.....	Repairs and supplies to boiler and machinery.....	3,490	10		
Macdonald & Co.....	Brass and copper repairs, etc.....	2,212	06		
John Flemming.....	Oars and boat masts		76	75	
Moir, Son & Co.....	Bread, etc.....		217	00	
Lawson, Harrington & Co.....	Oil and cartage.....		58	28	
T. Forhan & Co.....	Making and repairing sails		204	67	
J. P. Mott & Co.....	Soap and soda.....		61	74	
S. Cunard & Co.....	Angle iron.....		63	60	
do	Paint, rockets and blue lights.....		71	00	
do	Freight on chain and cables.....		74	68	
A. & M. Mackinlay.....	Stationery		25	54	
Robert Baxter.....	Bedding and repairs, \$59.00 ; making steering wheel, \$49.75.....		108	75	
Carried forward.....		7,107	21		

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

		\$ cts.	\$ cts.
	Brought forward.....	7,107 21	
<i>Steamer "Newfield."—Continued.</i>			
Peter Jollymore.....	Damage to net.....	16 00	
Geo. E. Smith & Co.....	Paint, red and white lead, hardware, rope, etc.....	1,340 48	
Fred. Meyer.....	Provisions.....	675 16	
Tully & Barrington.....	do.....	143 34	
Lordly & Stimpson.....	do.....	1,457 18	
John Parker.....	do.....	803 47	
J. U. Gregory.....	Paid for pilotage, provisions, etc., whilst at Quebec.....	651 22	
W. W. Gaudley.....	Damage to wharf at St. Peter's.....	10 00	
C. J. Smith.....	Trimming coal.....	14 20	
W. McPatridge.....	Rope.....	32 55	
Alfred Vail.....	Provisions.....	59 64	
Michael Walsh.....	Carpenter's work, repairing and outfit.....	709 92	
Maurice Downey.....	Painting.....	382 24	
R. A. Guildford.....	To pay labour for repairs, loading, etc.....	306 28	
Thomas Ead.....	Coaling.....	195 78	
Maria O'Brien.....	Washing.....	43 93	
R. H. Cogswell.....	Repairing nautical instruments, hire and rating chronometer.....	80 25	
John Findlay.....	Building and repairing boats.....	164 00	
W. A. Tully & Co.....	60 chaldrons coal, at \$5.25, \$315.00; labour, \$16.80.....	331 80	
G. A. Kenney.....	Damage to nets.....	23 00	
William Lee.....	Uniforms for officers and crew.....	729 75	
L. Forrester.....	Dyeing table cloths.....	3 10	
T. Mitchell.....	Provisions.....	44 90	
J. A. Matheson.....	Cabin furniture.....	61 03	
W. C. Godsoe & Co.....	Provisions.....	224 09	
Wm. Lewis & Son.....	Anchor.....	97 18	
Acadia Coal Co.....	148½ tons of coal, at \$2.30.....	341 55	
W. Starrs, Son & Morrow.....	Steel hawser, bar iron, etc.....	362 56	
J. Hogan & Sons.....	Lumber.....	101 55	
Chibucto Marine R. R. Co.....	Slip hire.....	483 75	
Dr. A. Moren.....	Medical attendance.....	22 00	
I. C. Railway.....	Freight on windlass.....	11 40	
Archibald & Co.....	199 tons coal, at \$1.60—\$318.40; trimming, \$29.85. On account for windlass.....	328 25	
D. C. Peppard.....		1,650 00	
J. R. Gordon.....	Naphtha.....	9 00	
Henry Carr.....	Repairing boiler.....	5 50	
Archibald Warner.....	Ferriages.....	4 50	
J. S. Nieforth.....	Iron work.....	65 70	
John Black & Co.....	To pay disbursements whilst in London, England.....	2,433 33	
Mackintosh & McInnes.....	Lumber.....	11 56	
Creighton & Marshall.....	Stationery.....	17 30	
W. M. Smith.....	Examining boiler.....	8 50	
White & Simmonds.....	Tinsmith's work.....	16 70	
George Adams.....	Propellor.....	200 00	
John Stairs.....	Iron.....	3 15	
A. Moir & Sons.....	Iron work.....	8 70	
John Black & Co.....	Chain, cable, cement, etc.....	850 63	
Starr Manufacturing Co.....	Iron work, etc.....	39 13	
Bank of Montreal.....	Draft on New York for metallic packing.....	125 45	
C. C. Creighton & Co.....	Oil.....	26 27	
Thomas Moules.....	Cementing boiler.....	31 50	
W. & J. Glendinning.....	Ice.....	38 00	
R. Chetwynd.....	Services tug boat.....	4 00	
J. Avery.....	Cartage chain cable.....	10 00	
J. C. Butler.....	Oars and plugs.....	13 17	
J. Scott & Co.....	Provisions.....	76 40	
R. B. Seeton & Co.....	do.....	778 04	
H. St. George Twining.....	Insurance on hull and cargo.....	427 25	
Captain R. A. Guilford.....	12 months' salary as Captain.....	1,4 00	
H. W. Johnston.....	Pay-list of Officers and crew.....	9,581 05	
		35,213 59	
Public Works Department	Refund from share of expenses whilst engaged in that service.....	4,000 00	
			31,213 59

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

		\$ cts.	\$ cts.
<i>Steamer "Glendon."</i>			
<i>Colonial Standard</i>	Advertising tenders for purchase.....	2 70	
W. Cotter & Sons.....	Provisions.....	11 50	
Chignecto <i>Post</i>	Advertising tenders for purchase.....	2 70	
<i>Bay Pilot</i>	do do.....	2 16	
James Knox.....	Water.....	2 00	
			21 06
<i>Steamer "Sir James Douglas."</i>			
J. Devereux.....	12 months' salary as Master.....	1,399 92	
do.....	Wages of Officers and crew.....	3,421 96	
Fell & Co.....	Groceries as per contract.....	704 30	
Sam. Lung.....	Washing.....	4 90	
D. Bosworth.....	Milk as per contract.....	33 45	
J. J. Wilson.....	Bread do.....	48 85	
D. McPhaden.....	Meats, etc. do.....	19 81	
Van Volkenburg & Co... ..	do do.....	342 39	
Goodacre & Dooley.....	do do.....	198 96	
E. B. Marvii.....	Rubber hose, packing, oil, paints, hardware, etc....	370 17	
A. & W. Wilson.....	Repairs to pipes.....	11 10	
J. Devereux.....	Provisions.....	2 75	
Dunsmuir, Diggle & Co.	161½ tons coal at \$4.50.....	726 75	
G. D. Clarke.....	Provisions.....	37 00	
A. McInnis.....	Labor on repairs.....	16 00	
W. Jackson, M.D.....	Medical attendance and medicines.....	5 00	
A. Gray.....	Drawing of propeller.....	26 25	
T. Carrington.....	Crockery, etc.....	69 25	
Chang Kee.....	Washing.....	13 06	
Ed. Marvin.....	Scales, etc.....	18 25	
Brown & White.....	Blankets, sheets, etc.....	86 22	
McKillican & Anderson... ..	Boats, mast, etc.....	6 25	
J. Robertson.....	Blacksmith's work.....	29 10	
J. Weiler.....	Upholstering cabin, etc.....	121 93	
Victoria Water Works... ..	6 months supply of water.....	18 00	
Lettice & Sears.....	Painting, etc., cabin.....	43 00	
H. O. Wilson.....	Tinware.....	13 75	
Hudson Bay Co.	Freight on provisions.....	5 62	
Smith & Clark.....	Gangway ladder, etc.....	64 02	
J. Devereux.....	Repairing boats.....	10 00	
F. Revely.....	do.....	15 00	
G. Vienna.....	Supply of fish, etc., 1881-82.....	34 15	
		7,917 16	
<i>Repairs.</i>			
John Devereux.....	Paid for labour on repairs.....	8,675 37	
F. Revely.....	do do.....	1,187 75	
J. Devereux.....	Labor, etc., 1 oak knee.....	21 50	
Welch, Rithet & Co.	Freight on boiler tubes.....	14 10	
G. W. Gibbs & Co.....	91 4-in. boiler tubes.....	509 21	
Muir Bros.....	Lumber.....	249 01	
A. Laing.....	5 months and 13 days rent of ship-yard.....	565 00	
Shaw & Kuna.....	Repairs to boiler, etc.....	343 32	
J. Spratt.....	Natural iron crooks, etc.....	207 75	
Steamer "Maude".....	Freight on lumber.....	14 25	
S. L. Kelly.....	Tinning tubes, etc.....	195 30	
Moodyville Saw-Mill Co.	Lumber.....	68 42	
Albion Iron Works.....	Casting iron propeller, coal bunkers, repairing machinery etc.....	1,807 61	
J. R. Hett.....	Drafting lease of ship-yard.....	5 00	
O. P. S. N. Co.....	Freight on knees.....	13 25	
W. Walker.....	Crooks, etc.....	17 50	
D. McDonald.....	Labor on repairs.....	9 00	
Geo. Stelly.....	Hauling out steamer.....	70 50	
E. Marvin.....	Files, bar iron, etc.....	8 77	
Goodacre & Dooley.....	Tallow.....	15 12	
Carried forward.....		22,034 89	

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

		\$ cts.	\$ cts.
Brought forward		22,934 89	
<i>Steamer "Sir James Douglas."—Concluded.</i>			
<i>Repairs—Concluded.</i>			
J. Robertson	Blacksmith's work	42 25	
J. Wiley	Labour on repairs	12 00	
W. P. Sayward	Lumber	450 44	
W. G. Norris	Iron wedges, etc.	5 25	
Hudson Bay Co	Metal sheathing and nails	1,121 78	
Muirhead & Mann	Treenails, wedges, etc.	247 04	
J. Crowther	Graining, painting, etc., cabin	92 00	
P. McQuade & Son	Copper bar, spikes, etc.	1,315 79	
A. Vipond	Measuring for tonnage	3 00	
C. H. Low	21 lodging knees	100 80	
J. Maynard	Hauling material	23 75	
Matthews, Richards & Tye	Bar iron, etc.	191 43	
		25,520 42	
LESS REFUND—6 tons of coal supplied temporary lightship		36 00	
			25,484 42
<i>Steamer "Northern Light."</i>			
Captain A. Finlayson	12 months salary as Captain	760 00	
do	do pay-list of crew	5,507 99	
do	Paid for towing	10 50	
A. Lord	Paid expense of steamer to and from Pictou	87 60	
The Acadia Coal Co	Coal	2,618 72	
Noonan & Davies	Paid for repairs, provisions, etc., at Pictou, etc.	3,897 38	
James Bourke	Paid for freight and stowing coal at Georgetown	321 30	
S. W. Crabb	Oil, waste, rubber packing, etc.	1,024 71	
James Bourke	Provisions, groceries, etc.	1,374 99	
Peake Bros.	Labour, lumber, oakum, etc.	632 14	
J. D. McLeod & Co.	Provisions, groceries etc.	356 29	
W. & A. Brown & Co.	Oil-cloth, carpets, blankets, etc.	119 94	
John Newson	Materials and labour at cabins, etc.	144 90	
Wise Bros.	Labour, caulking	140 25	
James Purcell	do do	40 50	
George Hughes	Medicine and chest, soap, etc.	59 30	
McKinnon & McLean	Materials and repairs to boilers, etc.	850 81	
do	Tube cleaners and furnace bars	51 22	
John Gaffney	Painting ship, cabins, etc.	73 88	
Hermans & Sons	Repairs, plumbing, etc.	78 10	
Captain McElhenny	2 months salary as Master	130 33	
Blake Bros.	Fresh meats, etc.	703 41	
Charles Ower	Rent of shed and shipping crew	87 00	
W. W. Clarke	4 wheel-barrows, \$24, and extra iron work, \$6.12	30 12	
Joseph Geddis	Inspecting ship on slip	25 20	
John Quirk	Bread, biscuits and flour	51 82	
R. F. Quirk	Wharfage during summer of 1882	85 50	
William Dodd	Earthen and glass ware	18 26	
M. Sweeny	Repairs to rigging	10 00	
Murphey & Law	do blocks	12 50	
A. Kennedy & Co.	Cotton duck, etc.	15 49	
A. Clarke	Making mast coats and house cover	14 00	
James PUNCHON	Labour at furnaces	4 00	
John Lowrie	Water account	7 20	
P. P. Gillis	Board of seamen, Charlottetown	3 75	
James Quinn	do Chief Engineer, Charlottetown	36 00	
J. J. Davies	do Capt. Finlayson do	10 50	
J. Roode	do H. W. Mutch, 1879, Pictou	12 60	
Steam Navigation Co	Passage of seamen	8 00	
E. Weatherbee	Iron work, winter, 1882-83	22 54	
R. R. Jenkins	Bread at Georgetown, 1882-83	14 48	
Carried forward		19,453 22	

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

		\$ cts.	\$ cts.
	Brought forward.....	19,453 22	
<i>Steamer "Northern Light."—Concluded.</i>			
Mrs. A. Hobbs.....	Milk.....	48 25	
H. McMillan.....	Iron work at Pictou.....	31 55	
Mrs. Pollard.....	Washing clothes.....	13 65	
A. Lord.....	Labour cleaning and repairing cabins, etc.....	27 75	
P. E. I. Railway.....	Brazing tubes, etc.....	12 04	
Harris Allins, St. John, NB	Zinc plates.....	35 00	
William Allin.....	Attending lines, 1892-93.....	8 00	
W. A. Brennan.....	Advertising.....	2 25	
The Examiner Co.....	do and printing forms.....	7 00	
R. P. Bowen.....	do.....	2 00	
R. Walsh.....	do.....	2 00	
D. D. Ryan.....	Stationery.....	3 46	
F. L. Chappelle.....	Almanac.....	0 45	
R. A. McDonald.....	Moving ship.....	5 00	
J. J. Fletcher.....	Sheep skins, short delivered, 1890.....	23 75	
W. Rattenburg.....	Overcharge on freight.....	2 22	
Angus McDonald.....	Return passage money.....	3 00	
Knight & Son.....	Damage to biscuits.....	0 38	
			19,680 97
<i>Steamer "La Canadienne."</i>			
W. Wakcham.....	11 months salary as officer in charge of Fisheries Protection Service, Lower St. Lawrence.....	1,100 00	
do.....	Pay-list wages of officers and crew.....	6,090 96	
G. Tanguay.....	Flour, fish, peas, etc.....	96 76	
L. Arel.....	Fresh meats, etc.....	1,270 40	
D. Langlois.....	Milk.....	46 50	
L. Marvis.....	Vegetables.....	341 15	
P. Plamondon.....	Fish.....	69 00	
A. J. Turcotte.....	Groceries.....	2,226 42	
J. Bte. Oôté.....	Butter, pork, hams, etc.....	308 27	
J. Shea & Bros.....	do.....	363 33	
F. Laflamme.....	Bread.....	132 72	
T. Hetherington.....	Biscuits.....	65 45	
W. Wakeham.....	Paid for provisions, and expenses during voyages.....	705 57	
D. Anderson.....	Potatoes.....	7 70	
F. X. Gagnon.....	Maple syrup.....	7 50	
W. Wakeham.....	Allowance for board.....	87 00	
L. Bolduc.....	Pay-list, board of crew.....	26 00	
J. Hamel et frères.....	Caps, serge, shirts, etc.....	143 25	
E. Chanteloup.....	Buttons.....	26 59	
W. Lee.....	Making uniforms.....	186 00	
G. R. Renfrew.....	Caps.....	30 00	
Dolan & Co.....	Gold lace, crowns, etc.....	49 20	
W. Wakeham.....	Uniform.....	30 00	
L. Bolduc.....	do.....	25 00	
E. Many.....	do.....	20 00	
J. R. Belanger.....	do.....	15 00	
Noonan & Davies.....	286 tons of coal, at \$2.30, \$657.80; commission, \$16.43.....	674 23	
F. Gunn.....	100 tons coal, at \$4.60.....	460 00	
A. Boulet.....	Freight on 148 tons of coal, at \$1.80.....	266 40	
R. Balcom.....	do 137½ do \$1.50.....	206 25	
J. Ryan.....	Labour at coals.....	31 50	
F. Descroiselles.....	Watching.....	111 20	
W. Boucher.....	Clearing snow.....	47 20	
J. Blais.....	Wintering.....	60 00	
G. T. Davie.....	Moorage and use gridiron.....	20 00	
E. Many.....	Pay-list, outfit.....	204 30	
Carrier, Lainé & Co.....	Repairs to hull, as per contract.....	1,715 00	
do do.....	Extra plates.....	26 00	
do do.....	Repairs to engine.....	106 65	
G. T. Davie.....	Use of dock and repairs.....	769 73	
	Carried forward.....	18,352 23	

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

		\$ cts.	\$ cts.
Brought forward		18,352 23	.....
<i>Steamer "La Canadienne."—Continued.</i>			
R. Blakiston.....	Sails and repairs.....	317 60	
S. Peters.....	Lumber.....	416 92	
T. Routier.....	Carpenter's and blacksmith's repairs.....	242 45	
E. Mathurin.....	Labor.....	6 50	
A. McCallum.....	Repairing clocks.....	19 50	
C. Vezina.....	Chimney cover, repairs to hull, etc.....	282 68	
M. Coulombe.....	Labor.....	7 50	
O. Simard.....	Linseed oil, red lead, repairing kitchen, utensils, pump, etc.....	282 56	
Henry Black.....	Castings.....	104 43	
B. Leonard.....	Painting and varnishing.....	357 11	
G. T. Phillips.....	Brass and coppersmith's repairs.....	744 16	
J. M. Tardif.....	Spars.....	4 00	
Fullerton & Alexander...	do.....	10 50	
W. M. McDonald.....	Painting.....	95 68	
M. R. Fitzhenry.....	Repairing flags.....	8 70	
J. Blais.....	Deals.....	3 20	
J. Cunningham.....	Repairing boat.....	43 00	
A. Russel.....	Docking, etc.....	270 92	
T. Routier.....	Pay-list for labor repairing damages by ice.....	313 91	
J. Marmen.....	Cartage.....	93 05	
W. T. Davie.....	Towage.....	20 00	
A. Fraser.....	Freight on soap, etc.....	1 50	
M. A. H. Murphy.....	Moorage.....	20 00	
Corporation Pilots.....	Pilotage.....	184 10	
J. Eden.....	Rent of coal yard at Gaspé.....	100 00	
H. H. Sewall.....	Freight of anchors.....	5 33	
J. E. Livernois.....	Photos of steamer.....	15 00	
P. Rouillard.....	Washing.....	77 00	
G. T. Davie.....	Moorage.....	20 00	
O. Noel.....	Expenses piloting.....	8 25	
J. Dery.....	Cleaning ship.....	17 00	
H. Brisson.....	Washing.....	16 25	
T. N. Tweddell.....	Towage.....	35 00	
T. Berrigan.....	Carting snow.....	40 00	
F. Lachance.....	Services during breaking up of ice.....	6 00	
S. Coulombe.....	Ferriages.....	3 50	
J. Dery.....	do.....	8 13	
L. Guerard.....	Mattresses, pillows, etc.....	51 08	
O. Simard.....	Tinware, paint, files, etc.....	325 73	
J. Dunn.....	Potash, soap, tallow, etc.....	100 10	
Beaudet & Chinic.....	Hardware, paint, varnish, etc.....	398 97	
E. Giroux.....	Medicines.....	21 83	
J. Hamel et frères.....	Blankets, oil cloth, towels, etc.....	345 13	
Dawson & Co.....	Stationery.....	21 65	
O. E. Holliwell.....	do.....	66 60	
J. Tweddell.....	Davits.....	54 35	
Audet & Robitaille.....	Ropes, canvass, shovels, etc.....	256 79	
Fisher & Blouin.....	Scabbards and belts.....	12 00	
J. Bte. Dutil.....	Oars.....	75 00	
O. L. Richardson.....	Leather for oars, etc.....	10 24	
J. Wright & Co.....	Anchors.....	196 57	
E. J. Shaw.....	Hardware.....	139 33	
N. Turcot.....	Rockets.....	12 00	
J. Marmen.....	3 cords wood.....	15 00	
S. Bédard.....	Lamps, etc.....	15 05	
Benaud & Co.....	Crockery.....	115 53	
F. Drouin.....	Blocks.....	3 60	
J. Sullivan.....	Davit stands, stancheons, etc.....	295 10	
Henry Black.....	Castings and cooking range.....	125 20	
G. M. Webster & Co.....	Cement and bricks.....	8 00	
J. P. Aré.....	Pillows, mattresses, etc.....	226 40	
A. J. Turcotte.....	960 lbs. castor oil, at 14½c.....	\$139 20	
do.....	170 galls. do.....	\$1 20	
		204 00	
		343 20	
Carried forward		25,766 13	.....

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

		\$	cts.	\$	cts.
		Brought forward.....		25,766	13
<i>Steamer "La Canadienne."—Concluded.</i>					
A. J. Turcotte.....	50 do cylinder oil, at \$1.25.....	\$63	50		
do	48 do do 1.10.....	52	80		
do	51½ do do 1.25.....	64	38		
do	Barrels and cartage.....	4	85		
				184	53
do	Cotton waste and brooms.....			63	75
do	100 gallons of olive oil, at \$1.10.....	\$110	00		
do	150 do do at 78c.....	117	00		
do	100 do do at 70c.....	70	00		
				297	00
O. Simard	94 do linseed oil, at 90c.....	\$84	60		
do	600 lbs. red lead, at 8c.....	48	00		
do	Cartage.....	0	50		
				133	10
J. A. Williams.....	Lumber.....			76	25
O. Simard.....	Paint brushes.....			14	70
				26,555	46
<i>Steamer "Charybdis."</i>					
Jas. McLean	Pay-list, wages of crew for July, August and September, 1882.....			590	69
J. H. Campbell	Pay-list, wages of crew for October, 1882.....			260	04
M. P. McElhinney.....	Paid wages and conveyance of part of crew from Halifax to St. John.....			178	00
do	Travelling expenses.....			19	53
Sarah J. Drake.....	Repairing flags.....			8	70
James Doyle.....	Pilotage.....			23	73
W. C. Godsoe & Co.....	Fish, vegetables, etc.....			115	65
L. H. Vaughan & Bro.....	Rope.....			129	28
R. P. & W. F. Starr.....	Coal, \$12; cartage, \$1.60.....			13	60
Alfred Mills.....	Charts.....			2	15
C. E. Elliott.....	Scow hire.....			17	00
Wisdom & Fish.....	Emery cloth.....			1	20
H. S. Gregory	Towage, scow hire, etc.....			155	00
Charles Neil.....	20 labourers, 5 hours, at 20c. each, \$20; ferriage, \$2			22	00
John Parker.....	Beef.....			18	07
Moir, Son & Co.....	Bread.....			2	80
Lordly & Stimpson.....	Groceries.....			17	44
Fred. Meyer.....	Vegetables.....			3	51
J. H. Campbell.....	Paid for milk, pork, etc.....			5	60
Lawson & Harrington.....	Hire of tug boat conveying stores.....			38	50
D. McLachlan & Sons.....	Repairs to boiler.....			21	00
Edward McAlear.....	do			6	25
Maria O'Brien.....	Washing.....			3	53
F. J. Harding.....	Paid for picking up buoy.....			2	13
H. M. Paymaster General	To pay expenses docking and fitting for sea, £991 19s. 10d.....			4,827	69
Jas. Harris & Co.....	Repairing machinery.....			21	50
Estey, Allwood & Co.....	Lamps, rubber packing, etc.....			20	67
Henry King.....	Boating supplies.....			13	00
Jardine & Co.....	Groceries.....			69	90
G. Hevenor.....	Copper, brass, solder, etc.....			8	85
				6,617	01
<i>Steamer to replace "Glendon."</i>					
Bank of Montreal.....	To pay J. Tilton's Draft for expenditure incurred in connection with specifications and contract for boiler and engines.....			245	55
D. Morris.....	Model.....			50	00
				295	55

RECAPITULATION.

	\$	cts.	\$	cts.
Steamer "Napoleon III".....	27,783	99		
do "Druid".....	17,372	14		
do "Newfield".....	31,213	59		
do "Glendon".....		21		06
do "Sir James Douglas".....	25,484	42		
do "Northern Light".....	19,680	97		
do "La Canadienne".....	26,555	46		
	148,111		63	
Queen's Printer, Stationery and Printing		3	50	
Training Ship "Charybdis".....			148,115	13
Steamer to replace "Glendon".....			6,617	01
			295	55
Total.....			\$155,027	69

W.M. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 10

To the Sixteenth 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, 1883.

		\$ cts.	\$ cts.
Capt. P. A. Scott.....	12 months salary as Chairman of Board.	\$1960 00	
Receiver-General	do superannuation tax.....	40 00	
		2,000 00	
E. M. Tallach.....	11 months salary as Clerk.....	\$362 01	
Receiver-General.....	do superannuation tax.....	4 58	
		366 59	
Capt. P. A. Scott.....	Travelling expenses.....	594 47	
G. A. Mackenzie.....	Examination fees.....	96 00	
Thos. Killam	do	80 00	
Jos. Pritchard	do	92 00	
Henry Lewis	do	88 00	
Wm. Thomas	do	92 00	
D. Hunter	do	96 00	
E. D. Ashe.....	do	16 00	
Yarmouth Building Co...	12 months rent of Board room, Yarmouth.....	40 00	
J. & A. McMillan	Stationery.....	17 15	
A. & W. McKinlay.....	do	12 94	
Creighton & Marshall.....	Navigation books, etc.....	39 60	
Halifax Carpet Co.....	Blinds for office.....	4 02	
C. E. Morton	Subscription to <i>Nautical Magazine</i>	2 50	
A. Christie & Co.....	Shutters, etc, St. John office	9 83	
Buckley & Allan.....	<i>Nautical Magazine</i>	3 50	
Maritime Lithograph Co.	Coast line plans.....	17 50	
G. E. Morton & Co.....	Postage stamps.....	28 50	
Queen's Printer.....	Stationery and printing.....		3,696 60
			324 60
			4,021 20
	Fees received by Chairman and paid to credit of Receiver-General from Candidates for Examinations.....		1,314 00

WM. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. II

To the Sixteenth 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, 1883.

		\$	cts.	\$	cts.
Samuel Risley	12 months salary as Chairman of Board..	\$1,764	00		
do	do superannuation tax.....	36	00		
				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	00		
				1,400	00
W. J. Meneilley	do salary as Inspector, Toronto...	\$1,176	00		
do	do superannuation tax.....	24	00		
				1,200	00
John Burgess	do salary as Inspector, Montreal.	\$1,176	00		
do	do superannuation tax.....	24	00		
				1,200	00
Joseph Samson.....	do salary as Inspector, Quebec...	\$ 980	00		
do	do superannuation tax.....	20	00		
				1,000	00
F. X. Befort	9 do salary as Inspector, Three Rivers	\$ 735	00		
do	do superannuation tax.....	15	00		
				750	00
Joseph Taylor	do salary as Inspector, Kingston.	\$ 735	00		
do	do superannuation tax.....	15	00		
				750	00
C. R. Coker	Salary as Inspector of Hulls, St. John, N.B., from 26th Sept., 1882, to 4th April, 1883, at \$800 per annum.....	\$ 411	60		
do	Superannuation tax	8	40		
				420	00
do	Salary from 5th April to 30th June, 1883, at \$1,000 per annum.....	\$ 234	11		
do	Superannuation tax	4	78		
				238	89
M. P. McElhinney.....	Salary as Acting Inspector from 1st Oct. to 31st Dec., 1882				
				269	49
Thomas Harbottle	Salary as Inspector from 14th April to 30th June, 1883.....	\$ 209	61		
do	Superannuation tax.....	4	28		
				213	89
P. D. Brunelle	Salary as Inspector from 17th April to 30th June, 1883.....	\$ 201	44		
do	Superannuation tax	4	11		
				205	55
Thomas Westgarth.....	Salary as Inspector, British Columbia, for July, 1882				
				62	50
A. Gray.....	Salary as Acting Inspector, British Columbia, from 1st August to 30th November, 1882				
				250	00
A. Vipond	Salary as Acting Inspector, British Columbia, from 17th December, 1882, to 31st May, 1883				
				340	66
Samuel Risley	Travelling and office expenses.....			1,222	10
W. M. Smith.....	do			1,171	81
W. J. Meneilley	do			414	65
John Burgess	do			221	71
F. X. Befort	do			144	84
	Carried forward.....			13,276	09

STATEMENT of Expenditure on account of Steamboat Inspection, etc.—*Con.*

		\$	cts.	\$	cts.
Brought forward				13,276	09
Joseph Samson	Travelling and office expenses.....	221	24		
Joseph Taylor	do do	295	79		
M. P. McElhinney	do do	326	20		
C. R. Coker	do do	524	58		
E. S. Vigor	do do	14	00		
P. D. Brunelle	do do	114	43		
Thomas Harbottle	do do	180	25		
Thomas Westgarth	do do	10	92		
A. Gray	do do	213	40		
A. Vipond	do do	37	35		
Harbour Commissioners, Montreal	12 months rent of Inspector's office to 1st May, 1883	250	00		
Manitoba Times	Advertising notices of Inspector's arrival in Man- itoba	2	60		
<i>Le Manitoba</i>	do do	21	32		
<i>Marquette Review</i>	do do	2	60		
<i>The Morris Herald</i>	do do	2	60		
<i>Daily Sun</i>	do do	2	60		
R. Mitchell & Co.....	3 test gauges	105	00		
W. J. Fuller.....	Services as Magistrate in connection with complaint against owners of tug "La Have"	15	00		
Robertson, Ritchie & Fleet	Professional services <i>in re</i> "Richelieu" explosion..	25	50		
John Burgess	Paid witness do do	17	50		
A. Putnam	16 days services as Examiner, at \$10 per diem, \$160; travelling expenses, \$20	180	00		
Capt. James Murray	10 days services as Examiner, at \$10 per diem, \$100; travelling expenses, \$34	134	00		
Rice, Lewis & Son	Augers, brace, chisel, etc	4	10		
Queen's Printer	Stationery and printing.....			15,977	07
				231	95
				16,209	02
	Inspection dues collected by Customs Department..	9,512	36		
	Fees from Examination of Engineers, collected by Chairman of Board, and paid to the credit of Receiver-General	3,065	00		
				12,577	36
	A further sum of \$350, paid to credit of Receiver- General in August, 1883, by S. Risley, will appear in the Receipts for 1883-84.				

WM. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 12

To the Sixteenth Annual Report of the Department of Marine and Fisheries,
being Statement of Expenditure on account of Registry and Survey of
Canadian Shipping, for the Fiscal Year ended 30th June, 1883.

		\$ cts.	\$ cts.
James Free & Co.....	Measuring tapes.....	44 78	
Postmaster, Ottawa	To pay for measuring tapes.....	5 70	
do	do 1 case shipping forms.....	7 83	
Canadian Express Co.	Express charges on forms	4 20	
Wm. Dawson & Sons.....	Subscription to <i>Shipping Gazette</i> from 1st January, 1882, to 1st January, 1883.....	25 55	
Queen's Printer	Stationery and printing.....		88 06
			80 78
			168 84

W. M. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 13

To the Sixteenth 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, 1883.

		\$	cts.	\$	cts.
D. Ferguson.....	Reporting wrecks, 11 at \$2.00, Miramichi.....	22	00		
H. A. Hood.....	do 34 do Yarmouth.....	68	00		
James Barber.....	do 81 do St. John.....	162	00		
C. E. Leonard.....	do 5 do Sydney.....	10	00		
James Ross.....	do 1 do Margaree.....	2	00		
Edward O'Brien.....	do 37 do Windsor.....	74	00		
M. Bourinot.....	do 8 do Port Hawkesbury..	16	00		
D. McDonald.....	do 19 do Pictou.....	38	00		
E. D. Tremain.....	do 1 do Port Hood.....	2	00		
R. Benoit.....	do 3 do Arichat.....	6	00		
J. U. Gregory.....	Expenses investigating wreck of "Bahama".....	50	00		
Capt. P. A. Scott.....	do do Steamer "Asia".....	219	38		
do.....	do do "Cedar Grove".....	37	00		
M. P. McElhinney.....	do do "Henry Folger".....	21	40		
do.....	On account of travelling expenses.....	50	00		
A. Rousseau.....	Witness fees in re "Bahama".....	14	00		
Capt. J. Baiu.....	2 days at investigation steamer "Aragon".....	10	00		
Capt. N. Pelletier.....	do do.....	10	00		
Capt. J. Bain.....	do steamer "Pera".....	10	00		
Capt. T. Reed.....	do do.....	10	00		
Postmaster, Ottawa.....	To pay for blank forms.....	10	24		
<i>Morning Herald</i>	Advertising notices respecting tides.....	6	75		
Albert Grignard.....	100 copies of charts showing wrecks on Sable Island.....	25	00		
Queen's Printer.....	Stationery.....			873	77
				1	87
				875	64

WM. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 14

To the Sixteenth Annual Report of the Department of Marine and Fisheries,
being Statement of Expenditure on account of Rewards for Saving
Life, Purchase of Lifeboats, etc., for the Fiscal Year ended, 30th June,
1883.

		\$	cts.	\$	cts.
E. R. Kimpton.....	Watches.....	39	95		
George Cox.....	Engraving inscriptions.....	102	32		
John Leslie.....	Watches, binocular glasses, etc.....	765	43		
J. U. Gregory.....	To pay Olivier Rochette for services rendered saving crew of "Hirondelle".....	50	00		
Hon. L. S. Sackville West.....	Paid for repairing aneroid....	10	25		
Negretti & Zambra.....	Repairing and fitting new glass to aneroid barometer	3	14		
Harrison & Son.....	To pay for glasses, etc.....	60	83		
William H. Godrey, New York.....	Life belts, ring buoys, etc.....	49	31		
William Hingston & Son, New York.....	Lifeboat with oars.....	251	87		
C. C. Ray.....	Express charges on glasses.....	3	99		
J. C. Harvey.....	Surf boat waggon.....	125	63		
John Johnson.....	Services rendered saving crew of barque "Chili".	20	00		
D. Rooney.....	8 months salary taking charge of lifeboat at Cobourg to 30th June, 1883.....	50	00		
D. B. Dobbins.....	On account of life-saving apparatus.....	1,001	88		
					2,534 60

WM. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 15

To the Sixteenth 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, 1883.

		QUEBEC.	\$ cts.	\$ cts.
B. Trudel	12 months salary as Chief of Police and Shipping Master	\$1,470 00		
do	do superannuation tax	30 00		
Jno. Giblin	do salary as Clerk to Chief of Police and Deputy Shipping Master	\$ 980 00	1,500 00	
do	do superannuation tax	20 00		
J. U. Gregory	Pay-list, wages of men	\$10,166 90	1,000 00	
do	do gratuity for good conduct	2,036 00		
do	do bonus	300 00		
A. J. Turcotte	100 galls. linseed oil at 78c.	\$ 78 00		
do	50 do do 70c.	35 00		
		\$ 113 00		
do	100 galls. olive oil at \$1.10.	\$110 00		
do	Barrels and cartage	3 25		
do		113 25		
do	Cotton waste, brooms, etc.	38 98		
			265 23	
C. E. Holiwell	Stationery		74 10	
Audet & Robitaille	Rope, canvas, etc.		119 45	
S. J. Shaw	Hardware, paints, etc.		496 32	
J. Dunn	Soap, tallow, potash		143 14	
E. Giroux et frere	Medicine		8 30	
J. B. Dutel	Oars		24 00	
T. G. Gagnon	16 cords maple at \$4.50		72 00	
T. Gunn	50 tons coal at \$3.95		197 50	
M. A. H. Murphy & Co.	8478 chaldrons coal at \$7.50		66 56	
O. L. Richardson	Leather for oars		7 62	
O. Simard	Red lead, pipe, paint brushes		53 90	
J. Baldwin	Blocks		5 25	
Renaud & Co	Lamps, chimneys, etc.		51 40	
Dawson & Co.	Files		10 00	
J. Carrel	Paper		13 50	
G. M. Webster	Cement		4 00	
A. W. Glassford	Asbestos covering		20 00	
J. B. Dutil	Oars		30 00	
P. Vezina	Screw bolts		6 00	
B. Laird	15 tons coal at 4.50		67 50	
J. Cunningham	Making life-buoys and cork fenders		84 75	
Alex Grant	Provisions for prisoners		96 73	
J. Cunningham	do do		16 50	
S. Peters	Lumber		71 56	
G. T. Phillips	Brass and copper smith repairs		117 72	
T. Routier	Joiners repairs and lumber		121 10	
B. Leonard	Painting		4 00	
Fullerton & Alexander	Oak and hickory		7 63	
C. Vezina	Iron work		9 00	
J. Cunningham	Repairing arms		81 75	
do	do boat gear		183 75	
J. Sullivan	White pine		38 00	
Beaudet & Chinic	Iron		1 50	
	Carried forward		17,572 66	

STATEMENT of Expenditure and Receipts on account of Harbour Police, Montreal, and Water Police, Quebec, etc.—*Continued.*

		\$ cts.	\$ cts.
Brought forward.....		17,572 66	
<i>QUEBEC—Concluded.</i>			
Bell Telephone Co	Rent of telephone.....	80 00	
<i>Daily Mercury</i>	12 months subscription.....	4 00	
B. Trudel	Paid for telegraphs and cartage	10 31	
<i>Morning Chronicle</i>	12 months subscription	6 00	
T. Berrigan.....	Cartage of prisoners	505 50	
J. Blais	Wintering pontoon	25 00	
T. W. Tweddell	Towage do	6 00	
L. Arel.....	Ice	10 00	
Dr. Hy. Russell	Professional services to wounded officer	12 00	
J. Marmen.....	Cartage.....	38 20	
T. Berrigan.....	do of snow	92 00	
City Corporation	Water taxes	22 00	
B. Trudel	Allowance for uniform, \$50; paid for 36 pairs of boots for men, at \$3, \$108.....	158 00	
J. Hamel et frère.....	Cloth, serge, etc.....	1,662 65	
Dolan & Co.....	Gold lace, crowns, etc.....	38 48	
Foley & Co.....	Making and trimming 40 suits, at \$9.50	380 00	
do	Repairing clothing	96 00	
do	40 overcoats	350 00	
		826 00	
Fisher & Blouin.....	Repairing belts.....	5 50	
G. R. Renfrew & Co.....	Caps and straw hats	130 20	
J. Cunningham	Making 162 shirts, at 25c.....	38 00	
<i>Special Repairs to "Dolphin."</i>			
P. Murphy.....	Wood-work, \$468.39; iron-work, \$358.12.....	826 51	
do	Lumber	366 08	
F. Descroiselles	do	9 33	
M. Martineau	Sawing.....	6 35	
A. Germain	Planing hull	18 00	
J. Baldwin	Boring stern post	8 00	
S. Peters.....	Boards	3 66	
Fullerton & Alexander... ..	do	5 20	
J. Marmen.....	Cartage.....	4 05	
G. H. Gore.....	Cementing	10 25	
Queen's Printer.....	Stationery and printing.....	20 48	22,499 93
			22,520 41
<i>MONTREAL.</i>			
H. St. A. Ormond.....	12 months salary as Agent of Department.....	\$1,372 00	
do	do superannuation tax.....	28 00	
		1,400 00	
George Murphy	do as Chief of Police, 335 days, at \$3	1,005 00	
H. St. A. Ormond.....	Pay-list of men from 1st July, 1882, to 31st May, 1883.....	\$8,395 75	
do	Pay-list for good conduct, 5,909 days, at 25c. per diem	1,477 25	
do	Further bonus for good conduct— 26 men, \$10 each	\$260 00	
	1 man.....	3 79	
	1 do	4 26	
		268 05	
do	Paid for telegrams, cab-hire, ensign, freight, samples of overcoats, etc....	228 86	
		10,369 91	
Mrs. McDonald	Washing, etc., office and cells	48 56	
Dr. A. L. Smith	Examining constables as to fitness for service	11 00	
James Brown & Bro.	Nails, twine, coal-bucket, shovel, etc.....	20 08	
Carried forward.....		12,854 55	

**STATEMENT of Expenditure and Receipts on account of Harbour Police,
Montreal, and Water Police, Quebec, etc.—Concluded.**

		\$	cts.	\$	cts.
Brought forward.....		12,854	55		
MONTREAL—Concluded.					
Gault Bros. & Co.	Uniforms, ribbons, ties, quilts, etc.	59	89		
A. McGibbon	Groceries	39	25		
R. Gahan.....	Meals for prisoners, etc.	16	75		
Martin Beck	Crockery	0	75		
J. Hope	Framing map	1	00		
J. Lovell & Son	Directory, making portfolio, etc	15	50		
Wm. Farquharson	Making and trimming uniform	9	80		
T. Paton, jun.	do do 25 overcoats, at \$5.90	147	50		
D. McEntyre & Son.....	28 blue cloth tunics, at \$13.25	371	00		
do	Altering Inspector's coat.....	1	50		
R. J. Inglis	Making and trimming uniforms	514	00		
J. Dwane.....	Boots for men—56 pairs, at \$3.75	\$210	00		
do	do 8 do 4.50	36	00		
Mills & Hutchison	67½ yards of tweed, at \$1.20	246	09		
Gazette Printing Co.....	Printing on hat-bands.....	81	45		
E. Chanteloup	Buttons, lamp-shade, etc.	2	00		
A. Byarelle	2 pairs of boots	44	26		
William Samuel.....	Caps, hats, helmets, mitts, etc	10	00		
M. Bergin.....	Making winter overcoats, summer tunics, blouses, etc.	339	75		
Paton Manufacturing Co	Military overcoating.....	29	00		
Thomas Leery	Making double hoops, joint hoops, etc.	152	38		
Ross Bros. & Co.	Truck, halyards, &c.	4	15		
Ewing Bros.....	2 packages of insect powder.....	1	75		
Wm. Drysdale & Co.....	Postage stamps.....	0	60		
F. Supple	Conveyance of prisoners	22	25		
H. E. Breckell	Powder	18	60		
L. H. Henault	Ice	1	75		
J. D. L. Ambrose	Medicine	9	50		
J. G. White & Bro.	Revolver	2	00		
H. A. Nelson & Son.....	Brooms and dusters	2	75		
John Fox	Straw	4	65		
T. W. Boyde	Pistol cartridges.....	2	00		
James Baylis & Son	Oil-cloth, etc.....	9	00		
J. T. Henderson	Scrap-book	4	75		
J. L. Cassidy & Co.....	Crockery	3	50		
Canadian Co-operative Co	Tea, etc.	4	40		
George Murphy	Paid for varnish, etc.	1	69		
C. L. Gettings.....	Professional services <i>in re</i> Crimping case	5	15		
Montreal Gas Co	12 months gas	20	00		
Harbour Commissioners, Montreal ..	do rent of station to 1st May, 1883	59	80		
Bell Telephone Co	do do telephone to 6th October, 1883 ...	500	00		
T. A. Adkins	46 silver badges, at \$1.50 each.....	83	00		
Queen's Printer	Stationery, printing, etc.....	69	00	15,766	62
				15,798	24
	Total Expenditure—Quebec	22,520	41		
	do Montreal.....	15,798	24		
	Receipts at Port of Quebec	38,318	65		
	do Montreal.....	20,203	38		
		7,856	64	28,060	02
	Excess of Expenditure over Receipts.....			10,258	63

WM. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No 16.

TO THE SIXTEENTH 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, 1883.

MARINE HOSPITAL, QUEBEC, 25th August, 1883.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—The Trustees of the Marine and Immigrant Hospital at Quebec have the honour to submit the following Report:—

The expenses incurred in the maintenance of the hospital during the fiscal year 1882-83 amounted to \$19,998.53. Of this sum \$17,103.36 was a charge upon the Federal Government; the balance, viz., \$2,895.17, was met as follows:—

Grant from the Province of Quebec.....	\$2,666 67
Board of patients.....	54 50
Rent of beach.....	156 00
Sale of ashes.....	3 00
Sale of large house stove.....	15 00
	\$2,895 17

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, 1882 .	62	
do of admissions.....	772	834
Number of discharges.....	727	
do of deaths.....	31	
Number of patients in hospital on June 30th, 1883.....	75	834
Total number of days' attendance in hospital.....	20,042	
Average of do do.....	24	
Rate per cent. of mortality.....	8.8	

The report of the resident physician submits that with regard to the attendance of patients, there is a falling off of nineteen in the number of admissions, and a decrease of 663 days attendance.

The death rate has been extremely low this year, a circumstance due to the hygienic conditions of the hospital, which have for several years been excellent, and also to the fact that no contagious disease has broken out among the crews or the passengers of vessels which have frequented our port during the year.

The trustees this year have nothing worthy of note to remark in their administration, with the exception that the gradual rise, for two or three years, in the price of food and fuel, as well as in the wages of servants, has continued to increase. There is an item in the expenses which requires a few words of explanation, and that is in connection with the expenditure for drugs. To begin with, a balance of \$179

remained to be paid on the purchases for the year 1881-82; then a large importation was made from the Dublin Apothecaries Hall, costing \$824.48, including duties and freight. By this importation we secure for the inmates of the hospital drugs of a superior quality, and save a considerable amount, as will be shown in the accounts for the current year. This year, like the preceding, the Trustees have expended a considerable sum in repairs, although exercising the strictest economy. But they had, of course, above all to consult the interest of the inmates, and keep up the reputation of the hospital, which has always been unsurpassed for its healthy condition.

All of which is respectfully submitted.

P. WELLS, M.D.,
Secretary.

RETURN of Patients treated in the Marine and Immigrant Hospital, from 1st July, 1882, to 30th June, 1883.

	Seamen.	Immigrants.	Residents.
Remaining in hospital, 30th June, 1882.....	34	11	17
Admitted during the year.	425	66	281
	459	77	298
Discharged during the year.....	403	63	261
Died during the year.....	10	8	14
Remaining 30th June, 1883	46	6	23
Number of days in hospital.....	7,385	1,654	11,003

L. CATELLIER, M.D.,
Resident Physician, M. & I. Hospital.

APPENDIX No. 17

To the Sixteenth 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, 1883.

		\$	cts.	\$	cts.
J. A. Sewell, M.D.....	12 months salary as Chairman of Commissioners ...	400	00		
O. Robitaille, M.D.....	do Commissioner.....	200	00		
P. Wells, M.D.....	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		
do	Allowance for board.....	60	00		
Rev. M. M. Fothergill.....	12 months allowance as Chaplain.....	144	00		
Rev. J. P. Sexton.....	do do.....	144	00		
do	Interments.....	10	00		
S. Mossman.....	Paid for vegetables, fish, eggs, fowl, etc.....	966	46		
do	12 months salary as Matron.....	300	00		
Pay-lists.....	Watchmen, nurses, cooks, housemaids and other servants.....	2,494	33		
J. C. Dorion.....	Drugs.....	259	15		
L. T. Dussault.....	Flannels, sheeting, ticking, blankets, etc.....	867	98		
J. Hamel et frères.....	Cotton, etc.....	85	72		
Allans, Rae & Co.....	Freight on drugs.....	25	46		
P. Vallière.....	Furniture.....	54	00		
Quebec Gas Co.....	Gas.....	496	00		
Mount Hermon Cemetery.....	Interments.....	153	00		
L. Lessard.....	Firewood, 81½ cords, at \$4, \$326; 35 cords, at \$4.20, \$147; 113½ cords, at \$4.40, \$498.30; 5 cords, at \$4.60, \$23; 15½ cords, at \$4.50, \$68.63.....	1,062	93		
do	Transport and piling.....	200	00		
Jas. McCorkell.....	Bread.....	793	85		
James McCone.....	Groceries.....	1,173	40		
P. E. Blais.....	do.....	439	38		
A. Laberge.....	Joiners work.....	454	63		
Thomas Delaney.....	Beef, \$1,625.94; pork, \$78.06.....	1,704	00		
M. Brophy.....	Milk.....	850	92		
A. Mulholland.....	Plumbers work.....	277	75		
George Cook.....	Smiths work, cleaning pipes, etc.....	395	56		
J. Drolet.....	Washing, etc.....	593	71		
E. Giroux et frères.....	Drugs.....	45	00		
Corporation of Quebec.....	12 months water rate.....	800	00		
J. Asselin.....	Cutting firewood, 250 cords, at 60c.....	150	00		
J. Macnaughton & Sons.....	37-690 tons coal, at \$7, \$261.43; storing, \$2.50.....	263	93		
J. E. Burke.....	Drugs.....	62	25		
J. A. Langlois.....	Stationery.....	59	55		
Dublin Apothecaries Hall.....	Drugs, £136 5s 8d. stg.....	663	25		
J. K. Boswell.....	Ale, etc.....	75	90		
Thomas Norris.....	Crockery.....	81	51		
W. Brunet et Cie.....	Drugs.....	37	60		
Andrews & Bros.....	Plumbers repairs, gas-fitting, etc.....	104	26		
G. Lepine.....	Funeral expenses.....	72	00		
Louis Gagnon.....	Ice.....	28	00		
Ryan & Keraghan.....	Plumbers work.....	130	11		
E. Morin et Cie.....	Drugs.....	37	50		
Quebec Custom House.....	Duties on drugs.....	135	77		
Louis Dubé.....	Butter.....	39	25		
L. J. Demeres et frère.....	Printing.....	6	50		
				19,998	53

WM. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 18

To the Sixteenth 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 Disabled Seamen, for the Fiscal Year ended 30th June, 1883.

PROVINCE OF ONTARIO.

ST. CATHARINES 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 for sick seamen for season ended 30th November, 1883, 1,753 days, at 90c. per diem.....				1,577 70
SICK AND DISABLED SEAMEN.					
John Hocquard.	Boarding and lodging sick seamen at Paspebiac....		74	20	
Dr. P. E. Lemieux	Professional attendance on sick seamen at Metis....		29	90	
A. Sinnet	Boarding and lodging sick seamen, ex "Dewdrop"		22	00	
Dr. H. C. Smillie.	Professional attendance on sick seamen at Gaspé....		201	30	
Dr. E. Gervais.....	do do Three Rivers		20	00	
Dr. A. E. Belleau.	do do Rimouski.		15	50	
Dr. L. Robitaille.	do do New Carlisle		32	54	
Dr. H. G. Perchard.	do do St. Johns....		36	00	
Dr. W. Maguire.....	do do New Carlisle		382	00	
Dr. C. Lacombe.....	do do Chicoutimi..		12	50	
Dr. L. E. Beauchamp.....	do do do ...		21	50	
Dr. S. Pouliot	do do Ha! Ha! Bay		89	00	
Dr. P. de Lavilleque	do do Magdalen Islands..		44	33	
A. A. Lantier	Boarding and lodging sick seamen at Three Rivers.		14	50	
Peter McLean.....	Taking charge of sick seamen, hotel expenses, Chicoutimi		52	50	
J. N. Arseneau.....	Boarding sick seamen, Magdalen Islands		24	00	
P. L. Gauvreau.	Passage of sick seamen from Rimouski to Quebec...		3	00	
					1,074 77
SHIPWRECKED AND DISTRESSED SEAMEN.					
A. Dupuis	Passage of crew from St. Rochs to New Mills		15	24	
Customs Department.....	To re-imburse expenses of passage of seamen from Honolulu to Victoria, B.C.		36	01	
Carried forward.					51 25

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF QUEBEC—*Concluded.*

		\$	cts.	\$	cts.
		Brought forward.....		51	21
SHIPWRECKED AND DISTRESSED SEAMEN.— <i>Concluded</i>					
Wm. Williams.....	Compensation for damages caused to smack "Juliet" whilst assisting wrecked brig "Bonnie Leslie".....		50	00	
Julien Chabot.....	Board, etc., of seamen, ex "Marion".....		75	00	
Mrs. A. Sinnet.....	do do.....		29	25	
J. A. Eden.....	do do.....		6	00	
Str. "Admiral".....	Passage of seamen to Campbelltown.....		5	00	
				216 50	
BOARD OF TRADE.					
Accountant, Board of Trade.....	To re-imburse expenses seamen, ex "Jasper".....		22	95	
do do.....	do do "Ellie & Winnie".....		92	81	
do do.....	do do "Margaret".....		22	53	
do do.....	do do "Elysia A.".....		126	43	
do do.....	do do "Lodi and Nine Brothers".....		106	82	
do do.....	do do "Ellie Halifax".....		251	85	
do do.....	do do "J. M. Beattie".....		19	42	
do do.....	To re-imburse expenses, steamer ex "Elbe".....		48	93	
do do.....	do do ex "E. W. Bonnell".....		212	33	
do do.....	do do "Theodore".....		9	67	
do do.....	do do "Tracey Jane".....		61	73	
do do.....	do do "Arnon".....		43	92	
do do.....	do do "Henry Corpse".....		95	99	
do do.....	do do "Heron".....		30	17	
do do.....	do do "H. B. Jones".....		5	47	
do do.....	do do "H. Havelock".....		32	91	
do do.....	do do "Lizzie Cameron".....		2	53	
do do.....	do do "Alice".....		6	49	
do do.....	do do "Mallard".....		17	52	
do do.....	do do "Nydia".....		180	42	
do do.....	do do "Hugh Ross".....		21	09	
do do.....	do do "Sarah B".....		4	87	
do do.....	do do "Nimble".....		3	02	
do do.....	do do "Athol Cran".....		294	46	
do do.....	do do "Queen of the West".....		154	17	
do do.....	do do "John G. Hall".....		26	77	
				1,895 37	

PROVINCE OF NEW BRUNSWICK

MARINE HOSPITALS.					
<i>Bathurst.</i>					
G. M. Duncan.....	12 months salary as Physician.....		100	00	
do do.....	Medicine.....		22	50	
James Tait.....	Firewood, oil, stove, etc.....		63	37	
John Lusk.....	Boarding seamen, 156 days, at 50c.....		78	00	
H. & H. A. McCullough.....	Lumber.....		28	17	
John Ferguson.....	Commission on \$292.04.....		29	20	
				321 24	
Carried forward.....				321 24	

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF NEW BRUNSWICK—Continued.

		\$ cts.	\$ cts.
Brought forward			321 34
<i>MARINE HOSPITALS—Continued.</i>			
<i>Bouctouche.</i>			
T. E. W. Pouliot.....	Professional attendance.....	14 00	
A. P. Landry.....	do	35 00	
Mrs. G. M. Landry.....	Boarding seamen, 2 weeks, at \$4.....	8 00	57 00
<i>Dalhousie.</i>			
Peter Brown.....	19 days board of seamen, at 60c.....	11 40	
W. G. Disbrow.....	Medical attendance.....	60 25	
Wm. Montgomery.....	Boarding seamen and funeral expenses.....	23 30	94 95
<i>Hillsborough.</i>			
W. J. Lewis.....	Medical attendance on Sears.....	20 00	
W. T. Sears.....	Boarding Clifford Sears, 7½ weeks, at \$3.....	22 50	42 50
<i>Miramichi.</i>			
John Thompson.....	12 months salary as Physician.....	400 00	
do	Medicine.....	16 80	
John Gallagher.....	12 months salary as Keeper.....	127 75	
Wm. Masson.....	Oil tank, cotton and flannel.....	64 17	
John Gallagher.....	Boarding 65 seamen, fuel, whitewashing, funeral expenses, etc., to 30th June, 1883.....	374 45	983 17
<i>Richibucto.</i>			
J. W. Doherty.....	12 months salary as Physician.....	200 00	
do	Paid for stove and cartage.....	26 97	
Eliza E. Rhodes.....	12 months salary as Matron.....	150 00	
do	14 weeks boarding seamen, at \$3.....	42 00	
do	Straw.....	3 25	422 22
<i>Shediac.</i>			
Joseph A. Leger.....	12 months salary as Physician.....	200 00	200 00
<i>Sackville.</i>			
L. B. Botsford.....	12 months salary as Physician.....	150 00	
Isaac Crocker.....	do do Keeper.....	150 00	
T. B. Barker & Sons.....	Drugs.....	65 18	
H. R. Fawcett.....	Medicine.....	2 15	
Isaac Crocker.....	Boarding seamen 41½ weeks, at \$3.00.....	123 73	491 06
<i>Saint Andrews.</i>			
S. T. Gove.....	12 months salary as Physician.....	200 00	
Charlotte Coates.....	do do Matron.....	208 00	
Robinson & Glenn.....	Coal, 8,710 tons, at \$6.50, \$54.31; cartage, \$2.40...	56 71	
O'Dell & Turner.....	Osnaburg and batting.....	4 63	
Carried forward.....		469 34	3,612 14

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF NEW BRUNNSWICK—Continued.

		\$ cts.	\$ cts.
	Brought forward	463 34	2,612 14
	MARINE HOSPITALS—Concluded.		
	<i>Saint Andrews—Concluded.</i>		
Charlotte Coates.....	Boarding seamen, soap, oil, etc.	82 43	
James Glass.....	1 cord of wood	5 15	
S. T. Gove.	Paid for cordwood, labour and straw.....	11 30	568 21
	<i>Kent.</i>		
W. A. Barnes.....	12 months salary as Superintendent	300 00	
do	Boarding seamen at \$3 00 per week, to 30th June, 1883	1,245 43	
do	Paid housing coal, labour, etc	56 30	
H. Maxwell & Sons.....	Lumber.....	0 57	
Robert A. Moore.....	Repairing steps and sashes.	8 50	
James Bell	Whitewashing and glazing.....	80 40	
George Wilson.....	Cordwood and carting	20 16	
A. C. Smith	Water rates	52 80	
Barnes & Co	Stationery and printing	10 75	
W. S. Harding.....	12 months salary as Physician, Pest House.....	100 00	
Wm. Armstrong.....	3 do do Chaplain.....	25 00	
James Spencer.....	9 do do	75 00	
M. N. Powers.....	Hearse hire.....	2 00	
Jardine & Co	Brooms, etc.....	11 60	
L. B. Botsford	12 months salary as Physician.....	560 00	
R. P. McGivern.....	Coal	355 30	
Geo. Hutchinson.....	Clock	13 00	
John Chaloner.....	Medicine.....	53 27	
Gas Light Co.....	Gas bill.....	79 42	
Wm. Ferris.....	8 cords of wood, at \$6.00	48 00	
Campbell & Ellis.....	Stove and pipe and fittings.....	38 84	
Wm. Elder.....	Subscription to <i>Telegraph</i> , 3 years	18 00	
Geo. Thomas.....	Repairing halvyards.....	5 25	3,159 59
	<i>Campbellton.</i>		
J. A. Venner.	Medicine and expenses of seamen	41 75	
Dr. H. Lunam	Professional services and medicine.....	28 00	69 75
	<i>Moncton.</i>		
Dr. E. B. Chandler.....	Medical attendance		4 60
			6,414 29
	SHIPWRECKED AND DISTRESSED SEAMEN.		
L. Ross.....	Passage of 3 seamen to Spring Hill.....	8 19	
Sarah McFaiden.....	Boarding seamen	3 00	
Fred Pneasant.....	Passage of seamen	11 00	
J. A. Likely.....	do 3 seamen.....	36 72	
James S. May.....	Clothing for 3 seamen.....	36 00	
Alex. Gunn	Boarding seamen	4 00	
W. L. Milner.....	Passage of seamen for Boston	8 87	
Henry E. Frazer	do 3 seamen to St John.....	2 16	
Hall & Fairweather	Expenses of seaman Oscar Alburen.....	200 01	
C. R. Lewis	Boarding seamen	7 25	
T. E. Harrington	Passage of seamen	11 82	
F. A. Tingley.....	do	5 40	334 41

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF NOVA SCOTIA.

		\$	cts.	\$	cts.
SICK AND DISABLED SEAMEN.					
Provincial City Hospital.	Board of seamen during the fiscal year ended 30th June, 1883, 3,467½ days, at 90c. per day.....			3,120	93
<i>Arichat.</i>					
Mary Langlois.....	Board, 1 week		3	50	
Dr. V. A. Hazel.....	Salary, 1 year.....	250	00		
do	Medicines.....		47	93	
Victoria Vigneau.....	Board, 5 weeks, at \$2.....		10	00	
Virginia Boudrot.....	do 2 do \$3.....		6	00	
do	do 2 do \$2.....		4	00	
Bridget Petitpas.....	do 12 do \$3.....		36	00	
E. Sachour.....	do 4 weeks and 3 days, at \$2.....		8	85	
Virginia King.....	do 6 do at \$2.....		12	00	
F. Fougère.....	do 5 do and 6 days, at \$2.....		11	71	
Chas. Gagnon.....	do 2 do at \$3.....		6	00	
James Dennison.....	do 6 do and 2 days, at \$4.....		24	72	
do	do 12 do at \$3.50.....		42	00	
do	do 7 do and 4 days, at \$4.....		30	32	
Sabina Thebau.....	do 3 do at \$2.....		6	00	
Peter Porrier.....	Burial expenses, crew "B. H. Corless".....		52	00	
Adele Gerroir.....	Board, 1 week and 6 days, at \$3.....		5	57	
556 60					
<i>Annapolis.</i>					
Dr. Aug. Robinson.....	Medical attendance.....		27	50	
Mrs. Wylie.....	Board, 4 weeks, at \$3.....		12	00	
Edw. Bucklie.....	do 3 do \$2½.....		7	50	
47 00					
<i>Advocate Harbour.</i>					
Dr. C. Sayre.....	Attendance and medicine.....				22 00
<i>Bear River.</i>					
Dr. R. J. Ellison.....	Attendance and medicine.....		41	20	
E. Van Buskirk.....	Board, 4 weeks.....		10	00	
51 20					
<i>Barrington.</i>					
R. D. Swim.....	Board, 4 weeks, at \$3.....		12	00	
do	Nursing, 4 do \$3.....		12	00	
do	Brandy and glycerine.....		1	35	
Dr. James Clark.....	Attendance and medicine.....		125	75	
Mrs. A. D. King.....	Board, 5 weeks, at \$3.....		15	00	
Dr. W. K. French.....	Attendance and medicine.....		79	50	
D. Smith.....	Board and nursing, 1 week.....		8	00	
do	Burial expenses.....		8	00	
John Lyons.....	Board, 8 days.....		3	00	
I. K. Hogg.....	Conveyance to hospital.....		3	50	
F. O. Smith.....	Board, 3 weeks, at \$3.50.....		10	50	
L. Z. Newell.....	do 7 do \$3.50.....		24	50	
D. Sargent.....	do 2 do \$2.....		4	00	
Dr. F. R. Smith.....	Attendance and medicine.....		8	50	
James Newell.....	Board, 1 week.....		3	50	
319 10					
Carried forward.....					
				4,116	88

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

		\$	cts.	\$	cts.
Brought forward				4,116	88
SICK AND DISABLED SEAMEN.—Continued.					
<i>Bayfield.</i>					
Dr. W. H. McDonald.....	Attendance and medicine	14	50		
Mary McDonald.....	Board, 3 weeks, at \$3	9	00		
				23	50
<i>Bridgewater.</i>					
Dr. A. D. Patten	Attendance and medicine	42	00		
M. T. Keiller	Board, 10 weeks	40	00		
do	Conveyance to hospital	3	00		
				85	00
<i>Bridgetown.</i>					
Dr. L. G. DeBlois	Attendance and medicine	5	10		
S. S. Ruggles.....	Conveyance and subsistence of seaman, to 31st Dec., 1882	26	95		
				32	05
<i>Cheverie.</i>					
Dr. F. N. Burgess	Attendance and medicine.....	62	00		
S Macomber.....	Board, 2 weeks and 2 days, at \$5	11	43		
				73	43
<i>Cow Bay, C.B.</i>					
Dr. R. A. H. McKeen.....	Attendance and medicine	43	50		
Dr. R. H. Hamilton	do	5	00		
Joseph Orr	Conveyance to hospital	6	00		
				54	50
<i>Cornwallis.</i>					
Dr. W. J. Woodworth....	Attendance and medicine	5	50		
A. B. Baxter	Board, 1 week	2	50		
				8	00
<i>Five Islands.</i>					
Dr. C. R. Belton.....	Attendance and medicine.....	29	00		
Howard Corbett	Conveyance.....	1	50		
do	Board, 5 weeks, at \$3	15	00		
				45	50
<i>Guysborough.</i>					
Dr. G. E. Buckley	Attendance and medicine			2	25
<i>Hantsport.</i>					
Dr. C. J. Margeson.....	Attendance and medicine.....	19	50		
Eliza Coalfleet.....	Board, 16 weeks	25	00		
				44	50
<i>Halifax.</i>					
Sailors Home	Board, 7 days, at 60c.....			4	20
Carried forward.....				4,489	81

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF NOVA SCOTIA—*Continued.*

		\$ cts.	\$ cts.
	Brought forward		4,489_81
	SICK AND DISABLED SEAMEN— <i>Continued.</i>		
	<i>Joggins.</i>		
Dr. C. W. Huson.....	Attendance and medicine.....		14 05
	<i>Lunenburg Hospital.</i>		
Arthur Thurlow	Board, 78 weeks and 3 days, at \$3	235 32	
J. McAulay	Medicines	155 48	
W. N. Zwicker.....	Wood and glass	16 25	
A. Thurlow	Teaming coal.....	4 55	
do	Salary as Keeper	125 00	
Dr. S. Jacobs	Salary	150 00	
			686 60
	<i>Liscomb.</i>		
Dr. J. M. G. Campbell ...	Attendance and medicine.....		19 00
	<i>Liverpool.</i>		
Dr. H. G. Farish.....	Salary, 9 months		75 00
	<i>Louisburg.</i>		
Mrs. R. Langley	Board, 4 days, at 75c.....	3 00	
Dr. A. McDonald	Attendance and medicine	18 95	
Robt. Ranson	Board and attendance, 3 days	5 25	
			27 20
	<i>Lockport.</i>		
Wm. Graves	Board, 4 weeks, at \$3.....	12 00	
Dr. T. M. Burns	Attendance and medicine.....	17 50	
Mrs. W. Wentzil	Board, 6 weeks, at \$3	18 00	
			47 50
	<i>Margaretsville.</i>		
Dr. J. E. Primrose	Attendance and medicine.....	24 00	
D. W. Landers.....	Board, 8 weeks, at \$3.....	24 00	
			48 00
	<i>North Syley.</i>		
Dr. H. B. McPherson.....	Salary	216 88	
Copeland & Co.....	Medicines	105 80	
Jeptha G. Ross.....	Attendance and medicine.....	70 00	
			392 68
	<i>Northport.</i>		
Dr. G. G. Hamilton	Attendance and medicine.....		2 50
	<i>Port La Tour.</i>		
Dr. D. S. Dickie.....	Attendance and medicine.....		1 50
	Carried forward.....		5,803 84

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF NOVA SCOTIA—*Continued.*

		\$ cts.	\$ cts.
	Brought forward		5,803 84
SICK AND DISABLED SEAMEN— <i>Continued.</i>			
<i>Port Gilbert.</i>			
Dr. H. D. Ruggles	Attendance and medicine.....	58 00	
Dr. H. A. Ellison.....	do	112 55	
R. Sanderson	Board, 7 weeks, at \$3.....	21 00	191 55
<i>Port Caledonia.</i>			
Wm. Maskill.....	Board, 8 weeks, at \$6.....	48 00	
do	do 12 do \$3.75	45 00	
Dr. R. A. H. McKeen.....	Attendance and medicine.....	24 00	
Dr. W. McKay.....	do	80 00	197 00
<i>Port Mulgrave.</i>			
R. Delaney	Salary as Keeper, 15 months	125 00	
do	Board, 20 weeks 3 days, at \$3	61 30	
Dr. P. A. Macdonald.....	Salary	100 00	
do	Medicines	23 25	
J. Purcell	Rent of building	90 00	399 55
<i>Parrsboro'.</i>			
Dr. A. J. Townshend... ..	Attendance and medicine.....	61 50	
Dr. A. T. Clarke.....	do	118 00	
G. McArthur	Conveyance.....	1 00	
Alex. Fraser.....	Board, 3 weeks, at \$4	12 00	
T. McAloney.....	do 1 week 3½ days, at \$3	4 50	
do	do 5 weeks 6 do \$4.....	23 42	
C. E. Hatfield	do 19 do	50 00	
Thos. E. Day.....	do 3 do at \$3.....	9 00	
J. L. Morris	do 5 do at \$3.....	15 00	294 42
<i>Pictou.</i>			
Marion Munro	66 weeks board.....	329 97	
do	12 days board.....	12 00	
Dr. J. McMillin	Salary	400 00	
R. McLeod	Board, 2 weeks 1 days, at \$3.....	6 43	
Robt. Murdock.....	do 3 do 4 do \$5.....	17 85	
Mrs. Hanley	do 6 days.....	6 00	
R. Tanner & Co	Clothing.....	3 00	774 25
<i>Pugwash.</i>			
Dr. R. A. Dakin	Attendance and medicine		45 50
<i>Ratchford's River.</i>			
Mrs. Imbert Hatfield.....	Board, 25 days	50 00	
H. H. Hatfield	do	6 00	56 00
	Carried forward.....		7,762 11

STATEMENT of Expenditure on Account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

		\$ cts.	\$ cts.
	Brought forward		7,762 11
SICK AND DISABLED SEAMEN—Continued.			
<i>St. Peter's, C.B.</i>			
Dr. H. S. Foxall	Attendance and medicine.....		13 75
<i>Sydney Hospital</i>			
Saml. Muggah.....	Board of patients, 999 days, at 43c.....	429 53	
do	Salary as Keeper.....	250 00	
do	Iron pipe, \$4.10; lime, \$1.05.....	5 15	
Kenneth Campbell & Co.	Medicines.....	108 48	
Dr. A. D. MacGillvary	Salary.....	216 88	
do	Paid repairs to hospital roof.....	10 00	
Burchell & Co.....	Wharfage and truckage.....	1 58	
G. L. Ingraham.....	Sheeting, ticking, &c.....	129 24	
			1,150 86
<i>Sandy Cove.</i>			
Dr. F. J. Pineo	Attendance and medicine.....	38 00	
Dr. H. A. Ellison,	do	7 00	
			45 00
<i>Sheet Harbour.</i>			
Dr. F. McMillan	Attendance and medicine.....		73 90
<i>Thorne's Cove.</i>			
Dr. J. A. Coleman	Attendance and medicine	94 50	
W. Anthony.....	Board, 3 weeks, at \$3.....	9 00	
			103 50
<i>Weymouth.</i>			
S. Fitzgerald.	Board, 10 days	4 40	
Dr. B. E. Dunham	Attendance and medicine.....	24 50	
P. Doucette.....	Board, 16 weeks, at \$3.....	48 00	
Dr. H. D. Ruggles.....	Attendance and medicine	8 00	
			84 90
<i>Westport.</i>			
J. A. Peters	Board, 6 days.....	6 00	
Dr. H. Lydie.....	Attendance and medicine	6 50	
B. H. Ruggles	Conveyance.....	1 50	
			14 00
<i>Windsor.</i>			
Dr. D. B. Fraser	Attendance and medicine		14 00
<i>Wallace.</i>			
Dr. Geo. S. Kent.....	Attendance and medicine.....		5 00
	Carried forward.....		9,267 02

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

		\$ cts.	\$ cts.
Brought forward.....			9,267 02
MARINE HOSPITALS, ETC.—Continued.			
<i>Yarmouth Hospital.</i>			
A. C. Hutchinson.....	Medicines.....	41 50	
Dodds & Jolly.....	Cotton bandages, &c.....	3 33	
Dr. A. M. Perrin.....	Salary.....	100 00	
C. C. Richards.....	Drugs.....	19 60	
J. L. Cain.....	Repairs to Hospital.....	500 00	
Jas. McDonald.....	Boarding patients, 31 weeks 2 days, at \$3.....	93 87	
do	Paid burial expenses.....	4 50	
do	Paid washing splints.....	5 75	
Emeline McDonald.....	Board, 4 weeks, at \$4.....	16 00	
James McDonald.....	do do.....	40 00	
J. R. Kenney.....	Freight on medicines.....	2 45	
R. A. Nesbit.....	Medicines.....	100 88	
Jacob Sweeny.....	Burial expenses.....	7 00	
G. S. Taylor.....	Clothing.....	39 20	
			974 08
Refund:			10,241 10
Less—Amount received for care and attendance of French Sailors in Hospital, Sydney, N.S.....			207 10
			10,034 00
DISTRESSED AND SHIPWRECKED SEAMEN.			
<i>Conveyance and Subsistence.</i>			
E. McGillvary.....	2 men ex "Pet".....	2 19	
J. Townsend.....	2 men ex "Lousia Baird".....	2 19	
C. W. Clements.....	1 man ex "Lucilla".....	2 71	
do	1 man ex "M. & E. Cann".....	1 46	
do	Crew ex "Humber".....	9 79	
do	Crew ex "Java".....	35 07	
do	Crew ex "Julia Grace".....	58 74	
do	1 man ex "H. J. Knight".....	5 50	
do	do ex "Bessie Currie".....	5 48	
J. E. Orpen.....	do ex "Cecelia".....	2 55	
Gilbert Shaw.....	do ex "E. M. Gregory".....	2 19	
do	3 men ex "St. Elmo".....	21 90	
C. Rand.....	1 man ex "Sarah Potter".....	5 42	
J. Scott.....	1 man ex "Annie Simpson".....	2 19	
S. Cunard & Co.....	3 men ex "W. H. Latimer".....	4 38	
do	3 men ex "Vista".....	4 38	
do	1 man ex "Peru".....	2 92	
do	4 men ex "Natrona".....	5 84	
D. Patterson.....	2 men ex "Westmoreland".....	15 33	
Wood & Co.....	1 man ex "W. H. Latimer".....	2 92	
Sailors Home.....	1 man ex "Alton Craig".....	6 50	
do	2 men ex "Athol Crau".....	6 20	
do	2 men ex "Rebecca Neily".....	4 20	
do	4 men ex "Trader".....	13 20	
Nelson Gard.....	Crew ex "Boxwood".....	8 00	
O. Ludlow.....	2 men ex "Ellie D".....	2 92	
A. G. Hamilton.....	3 men ex "Lizzie Cameron".....	6 57	
A. G. Hamilton.....	Crew ex "Maria Prudentia".....	48 40	
Seth F. Crowell.....	2 men ex "Montrose".....	7 30	
G. S. Lockwood.....	1 man ex "Clifton".....	5 41	
H. A. Forbes.....	2 men ex "Zinga".....	7 30	
D. Murray, jun.....	1 man ex "Warrior".....	4 40	
S. O. Crowell.....	4 men ex "J. T. Ives".....	8 76	
Carried forward.....		322 31	

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

		\$	cts.	\$	cts.
Brought forward		322	31		
DISTRESSED AND SHIPWRECKED SEAMEN—Concluded.					
<i>Conveyance and Subsistence—Concluded.</i>					
Colin T. McKay	2 do "Westmoreland"	19	71		
do	2 do "Tracey Jane"	13	88		
Fishwicks Express	Crew ex steamship "Valetta"	46	00		
John Fanning	1 man ex "Phoenix"	8	40		
J. W. Young	Crew ex "Cedar Grove"	128	50		
				538	89
<i>Subsistence.</i>					
R. S. Hawksworth	1 man ex "Annie Simpson"	1	00		
Sailors Home	1 do "Edwd. M. Gregory"	0	60		
do	16 men ex "Cedar Grove"	38	20		
do	1 man ex "Crystal"	3	00		
do	1 do "Humber"	1	20		
do	1 do "Carenna"	6	60		
do	1 do "Ayrshire"	2	40		
do	6 men ex "Julia Grace"	7	20		
Josiah Johnson	2 do "Rebecca Neily"	6	00		
Marion Munro	2 do "Maria Prudentia"	4	00		
D. Murray, jun	1 man ex "Minnie Louise"	3	00		
D. J. McIntosh	3 men ex "Marion Robertson"	1	80		
Seth Smith	2 do "Brothers"	4	00		
				79	60
<i>Conveyance.</i>					
Sailors Home	1 man ex "Annie Simpson"	4	40		
J. W. Young	2 men, Canoe to Halifax	20	00		
John Johnson	4 men ex "Rebecca Neily"	5	00		
Intercolonial Railway	3 do "Marion Robertson"	9	12		
Halifax & Cape Breton Ry	1 man ex "Minnie Louise"	2	40		
				40	92
<i>Clothing and Subsistence.</i>					
Sailors Home	1 man ex "Brothers"	11	95		
W. A. Kenny	Crew ex steamship "Valetta"	223	41		
				235	36
<i>Clothing.</i>					
A. W. Whitman	Crew ex steamship "Cedar Grove"	36	05		
T. C. Cooke	do do "Cedar Grove"	28	15		
J. K. Minnes	do do	82	35		
				146	55
<i>Miscellaneous.</i>					
A. G. Hamilton	Expenses of crew ex "Jardine Bros."	42	00		
do	do do "Cedar Grove"	499	75		
Lawson, Harrington & Co	Services of tug-boat to wreck of schooner "Lilian"	42	00		
Remi Benoît	Expenses of crew ex "Annie Ingram"	98	67		
J. W. Young	Burial expenses of 1 man ex steamship "Cedar Grove"	10	75		
R. McDonald	Expenses of crew ex "Trader"	25	10		
				718	27
Total				1,758	90

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF PRINCE EDWARD ISLAND.

MARINE HOSPITALS.		\$	cts.	\$	cts.
<i>Charlottetown.</i>					
Dr. F. P. Taylor.....	3 months salary as Medical Attendant to 30th September, 1882.....	75	00		
S. W. Dodd.....	Medicines, &c.....	4	21		
Apothecaries Hall.....	do	1	50		
M. Furnace.....	Salary as Steward from 1st May to 2nd October, 1883	76	00		
do	Boarding 7 patients 14 weeks and 4 days at \$2.50, \$36 46; wood, &c., \$4.25	40	71		
Angus Deroche.....	Truckage of furniture, &c.....	5	50		
C. Robertson.....	Clothing, &c., for sick seaman	18	48		
The Grey Nuns.....	Allowance for 6 months medical attendance	200	00		
do	Boarding 5 patients 23 weeks and 3 days at \$5.00..	117	50		
do	Allowance towards attendance and maintenance of Cuban sailor	175	50		
S. W. Crabb.....	Soap, buckets, oil, &c.....	7	83		
				722	23
OUTPORTS, P. E. I.					
Dr. A. H. Beers.....	Medical attendance and medicine, Alberton.....	70	00		
Dr. H. W. Robertson.....	do do Crapaud.....	54	25		
Dr. Kaye.....	do do Georgetown	4	00		
Dr. P. McLaren.....	do do Montague.....	53	00		
A. Fenway.....	Boarding sick seaman 105 days at \$1.00, Montague	105	00		
Dr. McIntosh.....	Medical attendance and medicines, Murray Harbor.	95	00		
Malcolm Blue.....	Boarding sick seaman do	35	00		
Dr. J. F. Brien.....	Medical attendance and medicines, Port Hill	16	06		
J. G. McDonald.....	12 months salary as Keeper, Souris	200	00		
do	Boarding sick seamen 10 weeks and 6 days at \$3.00, Souris	32	57		
Dr. E. B. Muttart.....	Medical attendance and medicines, Souris.....	11	50		
Dr. E. P. Ford.....	do do do	9	16		
M. McLean & Co.....	Soap, brooms, &c, do	9	40		
Poole & Lewis.....	Bricks, &c., do	1	72		
Peake Brothers.....	Cement do	2	50		
Dr. H. F. Jervis.....	12 months salary as medical attendance, Summerside.....	150	00		
				849	16
SHIPWRECKED AND DISTRESSED SEAMEN.					
				1,571	39
C. W. Strong.....	Boarding crew ex "Alfred"	28	00		
Artemas Lord.....	To pay passage of 2 seamen to St. John, N.B.....	10	00		
Chas Owen.....	Railway fare of 5 seamen to Charlottetown, &c.....	9	00		
P. E. I. Railway.....	2nd class fare to Georgetown.....	0	90		
W. McDonald.....	Provisions sent to Caraquette fishermen	5	00		
				52	90

PROVINCE OF BRITISH COLUMBIA.

MARINE HOSPITAL.			
T. Wood.....	12 months salary as Keeper of Hospital.	499	92
do	Board of 103 patients 249 weeks and 1 day at \$5.00, \$1,245.66; washing, \$48 00; ferrriage, \$47.00..	1,340	66
J. Smith.....	Cleaning chimneys.....	7	50
Dr. A. Masters.....	Medical attendance, 1st March to 30th June, 1882, Burrard Inlet.....	516	50
	Carried forward.....	2,364	68

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF BRITISH COLUMBIA—*Concluded.*

		\$ cts.	\$ cts.
	Brought forward	2,364 68	
	MARINE HOSPITALS—<i>Concluded.</i>		
Dr. A. Masters.....	12 months salary as Medical Attendant to 30th July, 1883.....	350 00	
Dr. D. Cluness.....	12 months salary as Medical Attendant, Nanaimo...	300 00	
Dr. J. C. Davie.....	12 do do Victoria....	300 00	
S. Clifford.....	Whitewashing.....	10 00	
H. Saunders.....	Brandy, &c.....	12 50	
J. Devereux.....	Paid labor coaling.....	18 00	
Ah. Fook.....	Cutting and splitting 5 cords of wood.....	9 25	
A. Pratt.....	5 cords wood.....	22 50	
Dunsmuir, Diggle & Co.	20 tons coal at \$4.50.....	90 00	
C. Hayward.....	Funeral expenses, \$35.00; casing for broken leg, \$5.00.....	40 00	
Brown & White.....	Sheeting, &c.....	42 00	
E. B. Marvin.....	Paints, brush, &c.....	5 25	
A. McInnis.....	Repairs to landing.....	2 50	
J. Huntington.....	Materials and bricklayers repairs.....	13 00	
Fell & Co.....	Groceries, brandy, &c.....	13 80	
Langley & Co.....	Drugs, &c.....	80 40	
T. Carrington.....	Buckets, &c.....	6 25	
H. C. Wilson.....	Fire grate.....	4 00	
Nanaimo Hospital.....	Board and attendance on sick seamen, ex steamship "Triumph".....	117 10	
T. C. Jones.....	Boat hire.....	1 50	
J. Weiler.....	Cabinet chair.....	5 00	
A. & W. Wilson.....	Plumbers supplies and repairs to pipes, etc.....	98 61	
			3,906 24

SUMMARY.

Ontario	St. Catharine's Hospital—Annual Grant.....	500 00	
do	Kingston do do	500 00	
			1,000 00
Quebec	Montreal General Hospital	1,577 70	
do	Sick and Disabled Seamen.....	1,074 77	
do	Shipwrecked and Distressed Seamen.....	216 50	
			2,868 97
Board of Trade, London.	To re-imburse Imperial Government for expenditure in behalf of wrecked Canadian Seamen		1,895 37
New Brunswick.....	Marine Hospitals and Sick Seamen.....	6,414 29	
do	Shipwrecked and Distressed Seamen.....	334 41	
			6,748 70
Nova Scotia.....	Marine Hospitals and Sick Seamen.....	10,034 00	
do	Shipwrecked and Distressed Seamen.....	1,758 90	
			11,792 90
Prince Edward Island...	Marine Hospitals and Sick Seamen	1,571 39	
do	Shipwrecked and Distressed Seamen.....	52 90	
			1,624 29
British Columbia.	Marine Hospitals and Sick Seamen.....		3,906 24
Quebec	Marine and Immigrant Hospital		19,998 53
Queen's Printer.....	Stationery and printing.....		44 31
	Total		49,879 31

JOHN TILTON,
Accountant.

WM. SMITH,
Deputy Minister of Marine and Fisheries.

APPENDIX No. 19.

To the Sixteenth Annual Report of the Department of Marine and Fisheries,
being Statement of Sick Mariners' Dues collected, for the Fiscal Year
ended 30th June, 1883.

<i>Quebec.</i>		\$ cts.	<i>Nova Scotia.</i>		\$ cts.
Gaspé.....		72 54	Amherst.....		380 03
Magdalen Islands.....		7 06	Annapolis.....		236 18
Montreal.....		2,384 00	Antigonish.....		25 90
New Carlisle.....		81 62	Aricbat.....		124 34
Percé.....		140 94	Baddeck.....		101 42
Quebec.....		12,690 20	Barrington.....		30 02
Rimouski.....		240 56	Bridgetown.....		1 54
St. Armand.....		12 12	Cornwallis.....		65 24
St. Johns.....		2,423 60	Digby.....		189 26
Stanstead.....		8 80	Guysboro'.....		117 26
Three Rivers.....		143 74	Halifax.....		6,021 54
Total.....		18,205 18	Liverpool.....		108 68
			Lockeport.....		56 38
			Londonderry.....		37 96
			Lunenburg.....		313 50
			Margaretville.....		12 98
			North Sydney.....		1,912 92
			Parrsboro'.....		353 54
			Pictou.....		710 88
			Port Hawkesbury.....		61 14
			Port Hood.....		10 14
			Port Medway.....		20 40
			Snelburne.....		74 18
			Sydney.....		3,982 32
			Weymouth.....		119 14
			Windsor.....		1,070 28
			Yarmouth.....		294 09
			Total.....		16,435 26
			<i>British Columbia.</i>		
			New Westminster.....		658 24
			Victoria.....		2,450 48
			Total.....		3,108 72
			<i>Prince Edward Island.</i>		
			Charlottetown.....		487 94
			Summerside.....		85 18
			Total.....		573 12

RECAPITULATION.

Quebec.....	18,205 18
New Brunswick.....	9,251 14
Nova Scotia.....	16,435 26
British Columbia.....	3,108 72
Prince Edward Island.....	573 12
Total.....	47,573 42

JOHN TILTON,
Accountant.

WM. SMITH,
Deputy Minister of Marine and Fisheries.

APPENDIX No 20

To the Sixteenth 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, 1883.

SALARIES.		\$	cts.	\$	cts.
<i>Central Office.</i>					
C. Carpmæl	29 months allowance for house rent	966	67		
A. R. Gordon	12 months salary as Deputy Superintendent.	1,100	00		
W. A. Stewart	do Assistant	500	00		
W. F. Davison	do do	428	33		
T. Menzies	do do	300	00		
H. V. Payne	do do	800	00		
R. F. Stupart	do do	750	00		
B. C. Webber	do do	740	00		
F. F. Payne	do do	491	00		
G. F. Hector	do do	525	00		
R. F. Smyth	Salary from June 22, 1882, to June 30, 1883	563	88		
J. Young	12 months salary as Assistant	615	00		
J. W. Carroll	do do	234	00		
F. N. Denison	Boy, July 1 to Dec. 31, 1882	60	00		
D. Murray	do July 1, 1882, to June 30, 1883	136	00		
S. Campbell	do July 1 to Jan. 31, 1883	72	00		
A. McKenzie	do July 1 to Aug. 30, 1882	13	00		
J. Lowther	do Oct. 1, 1882, to June 30, 1883	73	50		
J. L. Kinsman	do Feb. 15, 1883 do	55	00		
H. Hawthorne	do Jan. 1 to do	54	00		
Thos. Davis	do April 9 to do	27	33		
E. McGuire	do April 6 to do	28	33		
				8,533	04
<i>Chief Stations.</i>					
Sydney	Thos. C. Hill, \$500, assistance, \$220	720	00		
Halifax	A. Allison, \$400 do 340	740	00		
Fredericton	Thos. Harrison, \$340 do 260	600	00		
Montreal	C. H. McLeod, \$300 do 200	500	00		
Winnipeg	Bursar of St. John's College	800	00		
Woodstock	N. Woolverton, \$240, assistance, \$160	400	00		
New Westminster	A. Peele	300	00		
St. John, N.B.	G. Murdoch, \$400, assistance, \$340	740	00		
Sackville	R. C. Welton (6 months), \$120, assistance, \$80	200	00		
				5,000	00
<i>Telegraph Stations.</i>					
Yarmouth	F. E. Wilmot, \$300, assistance, \$40	340	00		
Chatham	G. A. Blair, \$300, 2 assistants, \$132	432	00		
Father Point	J. McWilliams, \$200, assistance, \$60	260	00		
Rocklife	W. H. McIntyre	240	00		
Kingston	A. P. Knight, \$300, 2 assistants, \$132	432	00		
Port Stanley	M. Payne, \$300, 2 assistants, \$132	432	00		
Saugen	K. Stewart, \$300, 1 assistant, \$100	400	00		
Parry Sound	R. Mosley, \$300, 2 assistants, \$96	396	00		
Anticosti	G. Pope, \$120, assistance, \$30	150	00		
Bird Rocks	T. Turbide, \$120, assistance \$30	150	00		
Minnedosa	J. M. Wellwood (6 months), \$150, assistance, \$50 ..	200	00		
Edmonton	Alex. Taylor, \$132.50, assistance, \$22.50	155	00		
P. A. Landing	W. P. Cooke	120	00		
Battleford	G. S. McDonald	25	00		
Quebec	E. Ash, July 1st, 1882, to April 30th, 1883	208	33		
				3,940	33
Carried forward				17,473	37

STATEMENT of Expenditure in connection with the Meteorological Service,
etc.—Continued.

		\$	cts.	\$	cts.
Brought forward				17,473	37
SALARIES.—Continued.					
<i>Reserve Telegraph Stations.</i>					
St. Andrews.....	S. T. Gove	300	00		
Charlottetown	H. J. Cundall.....	300	00		
Port Dover	H. Morgan	300	00		
London	E. B. Reed, 2 months	50	00		
St. Johns, Nfld.....	J. Higgins, 3 do	25	00		
do	J. Delaney, 6 do	50	00		
				1,025	00
<i>Drum Stations.</i>					
Quebec	A. H. Walters, July 1st, 1882, to April 30th, 1883...	83	33		
Bathurst	Hon. J. Ferguson.....	100	00		
North Sydney.....	M. J. Phoran	60	00		
Point Le Preaux.....	Geo. Thomas.....	60	00		
Digby	J. McDonald	52	50		
Liverpool.....	J. L. Hemmeon.....	60	00		
Halifax	Officer Commanding R. E.....	60	00		
Louisburg	W. H. Townsend	60	00		
Cow Bay.....	C. Archibald	60	00		
Little Glace Bay.....	C. H. Rigby.....	60	00		
Port Hastings	W. J. McKeen.....	60	00		
Pictou	M. Campbell	60	00		
Point du Chêne.....	H. H. Schaefer	45	00		
Dalhousie	H. A. Johnson	78	00		
Percé, P. Q.....	P. Vibert.....	45	00		
Gaspé.....	J. Eden	45	00		
Cobourg	F. Reynolds.....	45	00		
Port Hope	Thos. F. Janes	45	00		
Queen's Wharf, Toronto	Capt. A. Taylor.....	45	00		
Gibraltar Point do	Geo. Durnan	45	00		
Port Dalhousie.....	E. F. Dwyer	45	00		
Saugeen.....	Thos. Davis	60	00		
Port Colborne	D. Hughes.....	45	00		
Burlington Beach	Capt. T. Campbell	45	00		
Goderich	G. N. Macdonald	60	00		
Presqu' Isle.....	J. McKenzie	45	00		
Kincardine	Dr. Dewitt H. Martyn.....	100	00		
Collingwood	Mrs. A. Bligh	84	00		
Oakville.....	S. Bell.....	20	50		
Bayfield	J. Gardner.....	27	60		
Sarnia	M. Fleming	24	50		
Port Credit.....	A. Blakeley	29	00		
Owen Sound.....	R. Thompson.....	27	70		
Deseronto	Rathbun & Son.....	31	50		
Port Burwell.....	G. B. McConnell	26	50		
Amherstburg	P. H. Anderson	30	00		
Midland	E. Peplow.....	11	15		
				1,881	28
<i>Instruments and Apparatus.</i>					
Thomas McDonald.....	Signal lamps, etc.....	222	80		
Thomas Dean.....	Castings.....	7	20		
J. W. McCleary.....	Erecting instruments.....	2	00		
G. M. Whipple.....	Thermometers.....	26	58		
A. Renaud.....	Thermometer screen.....	16	00		
E. Harquail.....	do	4	00		
Spinney, Eakins & Co.....	Halyards	2	54		
L. P. Casella.....	Hygrometer.....	15	90		
J. Adams.....	Storm signal apparatus	211	01		
J. Foster.....	Instruments.....	727	80		
Carried forward.....		1,235	83	20,379	65

STATEMENT of Expenditure in connection with the Meteorological Service,
etc.—Continued.

		\$ cts.	\$ cts.
Brought forward.....		1,235 83	20,379 65
<i>Instruments and Apparatus—Concluded.</i>			
W. H. Townsend.....	Signal mast.....	53 00	
Jas. Robertson & Co.....	Circular saw.....	1 80	
H. J. Green.....	Barometers.....	200 00	
T. G. Rice.....	Brass work.....	24 00	
Wm. Briscoe.....	Frames for signal lanterns.....	18 56	
A. Taylor.....	Rain gauge.....	1 50	
R. H. Scott.....	Instruments.....	343 81	
			1,878 50
<i>Stationery, Books, etc.</i>			
R. Wilkinson.....	Stamps.....	41 00	
Trout & Todd.....	Printing.....	556 65	
Copp, Clark & Co.....	Stationery.....	133 63	
J. S. Robertson & Co.....	Stamps.....	188 50	
Brown Bros.....	Stationery.....	263 03	
Barber & Ellis.....	do.....	54 75	
Rolph, Smith & Co.....	Diagrams.....	40 00	
W. F. Davison.....	Binding.....	147 12	
Dowsell & Hutchison.....	Stationery.....	26 00	
N. Ure & Co.....	Books of mathematical tables, &c.....	22 60	
R. Polk & Co.....	City directory.....	5 00	
E. Ferrel.....	Stamps.....	77 00	
The Science Co.....	Subscription to <i>Science Observer</i>	1 60	
J. B. Carter.....	Mounting maps.....	4 80	
C. Annand.....	Subscription to <i>Morning Chronicle</i>	6 00	
Globe Printing Co.....	do <i>Globe</i>	7 00	
			1,574 68
<i>Telegraphy.</i>			
G. N. W. Telegraph Co.....	Telegraph account for year.....	11,978 80	
do do.....	Night service of Operator at Gaspé.....	15 00	
A. Lowther.....	Salary at Central Office.....	486 67	
D. O'Halloran.....	do.....	486 67	
King Bros.....	Telegraph supplies.....	3 75	
H. Burnett.....	Assistant Operator, 24 nights.....	14 40	
M. Payne.....	12 months salary, Messenger at Port Stanley.....	15 00	
H. J. Cundall.....	do as Messenger at Charlottetown..	20 00	
L. Mosley.....	do do Parry Sound.....	60 00	
G. A. Burnett.....	Agent at Buffalo, 12 months salary.....	80 00	
Thos. Graham.....	Messenger at Burlington Beach.....	9 50	
G. N.-W. Telegraph Co.....	Constructing and maintaining lines.....	260 24	
F. L. Jones.....	Telegraphing observations from St. John, Nfld.....	50 00	
W. H. Townsend.....	Telephone messages at Louisburg, C.B.....	1 20	
A. E. Morrison.....	Sunday service at Charlottetown.....	20 00	
			13,501 23
<i>Freight, Cartage and Customs.</i>			
S. T. Gove.....	Paid freight at St. Andrews.....	2 30	
Officer Commanding R.E. Robinson & Heath.....	do on box at Halifax.....	1 70	
C. Carmichael.....	Customs brokerage.....	30 96	
Geo. Thomas.....	Paid freight charges at Toronto.....	87 41	
J. Merryfield.....	do on box at Point Le Preaux.....	6 43	
A. McGill.....	do and carriage of parcels.....	50 93	
F. Revely.....	Removing instruments at Ottawa.....	4 25	
M. P. Phoran.....	Charges at Victoria, B.C.....	10 90	
R. F. Clemitson.....	do on boxes at North Sydney.....	10 73	
A. J. Venn.....	do on box at Woodstock.....	5 75	
Canadian Express Co.....	do do Kamloops.....	2 50	
Thos. W. Heckman.....	Express freight at Toronto.....	214 76	
	Freight charges on box at Spence's Bridge, B.C.....	4 37	
Carried forward.....		432 99	37,334 06

STATEMENT of Expenditure in connection with the Meteorological Services, etc.—Continued.

		\$ cts.	\$ cts.
	Brought forward.....	432 99	37,334 06
	<i>Freight, Cartage, and Customs—Concluded.</i>		
J. McWilliams	Freight charges on box at Father Point	6 05	
A. R. Gordon	Freight and cartage at Toronto.....	44 61	
J. S. McDonald	Freight on box at Battleford	7 00	
Bishop of Rupert's Land.	do Winnipeg	8 65	
The Shedden Co	Freight charges at Toronto	18 65	
J. Thorburn	do on books at Ottawa.....	0 75	
W. H. Townsend.....	do on lanterns, etc.....	2 25	
			520 95
	<i>Travelling Expenses.</i>		
A. R. Gordon	Travelling expenses	30 62	
C. Carpmæl	do	52 75	
H. V. Payne	do	210 50	
R. F. Stupart	do	57 25	
B. G. Webber	do	60 00	
P. Cassidy	do	10 25	
			421 37
	<i>Expenses at Stations.</i>		
R. Laskey.....	St. John	13 75	
R. W. Sawtell.....	Woodstock	1 20	
W. H. Townsend	Louisburg	10 00	
F. B. Scofield	Woodstock	3 61	
S. T. Gove.....	St. Andrews	14 59	
G. A. Blair.....	Chatham.....	32 42	
M. Payne.....	Pt Stanley.....	36 45	
R. Mosley	Parry Sound	20 00	
L. E. Baker.....	Yarmouth	15 00	
Thos. Harrison	Fredericton	41 00	
E. Ouellet	Chicoutimi	10 01	
J. Cleak	Bancroft	8 25	
W. G. Knight.....	Oak Lake.....	50 00	
A. H. Waters.....	Quebec.....	9 52	
Thos. F. Janes.....	Port Hope.....	3 99	
Malcolm Campbell.....	Pictou.....	9 32	
Thos. Davis.....	Saugeen	4 28	
G. N. McDonald.....	Goderich.....	1 35	
A. Allison.....	Halifax.....	2 35	
A. Taylor.....	Toronto	1 80	
F. Reynolds.....	Cobourg	2 75	
A. R. Wrottesly.....	Halifax	15 89	
A. P. Knight	Kingston	5 74	
Jno. McKenzie.....	Presqu'Isle.....	1 95	
H. H. Schaefer.....	Pointe du Chêne.....	2 90	
E. R. Carpenter	Collingwood.....	2 60	
Shapter & Jeffrey.....	Toronto.....	1 65	
P. Vibert.....	Percé	7 25	
J. L. Hemmeon.....	Liverpool	2 75	
Jno. Crawford.....	Rapid City.....	27 44	
W. R. Butler.....	Windsor.....	23 95	
J. Kemp.....	London	27 00	
G. B. McConnell.....	Port Burwell.....	1 50	
J. M. Wellwood.....	Minnedosa.....	17 00	
A. Bligh.....	Collingwood	2 00	
Wm Woods.....	York Factory	30 00	
J. Elen	Gaspé.....	6 16	
A. K. Bain.....	Cobourg.....	27 55	
H. Locke.....	Cape Norman.....	9 00	
A. Malouin.....	West Point, Anticosti	18 00	
E. Parent.....	Bicquette.....	18 00	
L. de Beaumont.....	Greenly Island	9 00	
	Carried forward.....	519 97	38,766 38

STATEMENT of Expenditure in connection with the Meteorological Services, etc.—Continued.

		\$	cts.	\$	cts.	
	Brought forward.....	549	97	38,276	38	
	<i>Expenses at Stations.</i>					
N. Lavergne.....	Cape Magdaleh.....	18	00			
Thos. Gagné.....	Heath Point.....	18	00			
T. Côté.....	Cape Chatte.....	18	00			
L. F. Faffard.....	Point des Mont.....	18	00			
E. B. Reed.....	London.....	2	00			
A. McGill.....	Ottawa.....	12	00			
C. W. Drury.....	Quebec.....	13	10			
J. Ferguson.....	Bathurst.....	5	00			
M. Colton.....	Belle Isle.....	50	00			
E. B. Sutton.....	Bala.....	5	25			
	<i>Miscellaneous.</i>				709 32	
Consumers Gas Co.....	Gas.....	84	54			
B. C. Webber.....	4 months night duty at Central Office.....	153	00			
R. F. Stupart.....	do do do.....	153	00			
R. Walker & Sons.....	Office carpets.....	39	30			
Wm. Menzies.....	Carpenters work.....	551	25			
J. Merryfield.....	12 months rent of room.....	24	00			
Rice, Lewis & Sons.....	Hardware.....	128	57			
H. Johnson.....	Attending to Island anemometer.....	5	00			
J. Hayes.....	Special assistance at Central Office.....	70	00			
Bell Telephone Co.....	12 months rent.....	75	00			
Jaffrey & McNachtan.....	Rope.....	2	03			
W. Burns & Co.....	Ice.....	4	60			
H. A. Collins.....	Oil, lamps, etc.....	145	16			
Elias Rogers.....	Coal and wood.....	185	00			
J. P. Wagner & Co.....	Lumber.....	106	00			
Wm. Biscoe.....	Iron plates.....	1	85			
C. Carpmael.....	Petty expenses.....	27	71			
J. Merryfield.....	Scrubbing offices.....	27	00			
A. R. Gordon.....	Petty expenses.....	27	00			
Lyman Bros.....	Chemicals.....	45	59			
Grip Printing Co.....	Lithographing maps, etc.....	22	00			
Cobban Manuf'g Co.....	"Prob." frames.....	100	70			
D. S. Keith & Co.....	Plumbing.....	2	85			
J. Benneyworth.....	Attending to Island anemometer.....	10	00			
W. F. Davison.....	Mounting map.....	2	89			
Robert Piper.....	Office desks.....	86	50			
F. L. Blake.....	Occasional assistance.....	132	00			
A. Grignard.....	Printing maps.....	30	00			
W. J. McGuire.....	Plumbing.....	1	30			
H. V. Payne.....	Night duty at central office.....	59	00			
Wm. Pippin.....	Painting thermometer sheds.....	26	00			
R. Hay & Co.....	Office furniture.....	5	50			
E. Harris.....	Indián ink.....	3	00			
Kenyon & Co.....	Date stamp.....	9	50			
T. Eversfield.....	Distilled water.....	3	25			
J. Costenello.....	Shingling.....	10	40			
D. Henry.....	Carpenter work.....	40	85			
J. Wardell.....	Raising house.....	35	00			
Wm. Rennie.....	Part of lawn mower.....	3	35			
J. Notman.....	Penknives.....	13	80			
R. H. Hunter.....	Attending time-ball at Quebec.....	8	00			
Ansey & Slight.....	Rent of rooms at Port Dover.....	50	00			
M. Payne.....	Rent of anemometer tower at Port Stanley.....	24	00			
				2,514	30	
	<i>Total expenditure for year.....</i>				41,500	00
Queen's Printer.....	Printing and stationery.....			794	00	
				42,294	00	

JOHN TILTON,
Accountant.

Wm. SMITH,
Deputy Minister of Marine and Fisheries.

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, 1883.

TORONTO OBSERVATORY.

		\$	cts.	\$	cts.
Charles Carpmael.....	12 months salary as Director.....	\$1,952	00		
do	do superannuation tax.....	48	00		
				2,000	00
Thomas Menzies	do salary as Observer.....	\$533	24		
do	do superannuation tax.....	6	76		
				510	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
John Merryfield.....	do salary as Messenger.....			300	00
William Menzies.....	Carpenters' work.....			91	80
Thomas Menzies	Paid for removing furniture.....			11	50
do	House rent, 1 year to 30th June, 1883.....			137	50
S. Beaty & Son.....	Painting and papering house occupied by W. F. Davison.....			80	50
G. M. Whipple.....	Magnetometer, etc.....	343	37		
Thomas Dean.....	Castings.....			8	40
H. V. Payne.....	Experimental observations.....			15	00
James Young.....	Extra attendance, night and Sundays.....			40	00
Consumers Gas Co.....	Gas.....	89	43		
A. M. Brown.....	Plastering.....	10	00		
Jos. McCausland.....	Glass.....	2	40		
R. F. Stupart.....	Extra attendance, night and Sundays.....	10	00		
Thomas Downey.....	Lumber.....	19	50		
J. S. Champ & Co.....	Felt.....	2	00		
John Boyce.....	Lath and plaster.....	18	60		
W. J. Hughes.....	Stone, slate, etc.....	24	18		
A. Kleiser.....	Repairing needles.....	1	50		
Rice, Lewis & Son.....	Hardware, etc.....	25	02		
Charles Potter.....	Steel wheels.....	1	00		
William Pippin.....	Painting and papering cottage.....	35	00		
J. P. Wagner & Co.....	Lumber.....	156	38		
The Observatory.....	Subscription.....	6	92		
					5,050 00

MONTREAL OBSERVATORY.

W. C. Bayne, B. A., Secretary.....	Annual grant to McGill University Observatory			500	00
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KINGSTON OBSERVATORY.

Professor Williamson.....	Annual grant to Kingston Observatory.....			500	00
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STATEMENT of Expenditure on Account of Magnetic Observatories.—*Con.*

QUEBEC OBSERVATORY.

		\$ cts.	\$ cts.
E. D. Ashe	10 months salary as Director	1,143 33	
do	do superannuation tax	21 00	
Lt.-Col. Cotton	2 do allowance for services	133 33	
Thos. Heatley	12 do salary as Assistant	400 00	
R. H. Hunter	Labour at time ball	40 00	
Bell Telephone Co.	6 months rent	42 50	
W. Crawford & Co.	Coal, 1½ tons at \$9; 1 ton, \$8; 4 tons at \$7.50	51 50	
City Corporation	Water taxes	44 00	
do	City taxes, 1881-82 and 1882-83	29 00	
T. Parent	Repairing time ball	11 68	
Peverly & Co.	Oil, chimneys, burners, &c.	51 98	
Dawson & Co.	Stationery	37 56	
Alex. Thom	Plumbing	17 50	
W. F. Lemesurier	Wood, 3 cords at \$7.50; 10 cords at \$7; 2 cords at \$6.75; 2 cords at \$5.50; 2 cords at \$5.25; 1 cord, \$5.00	132 50	
H. Bradford	Repairing time ball	5 00	
J. R. Kane	Stove and pipe	16 17	
J. J. Foote	Advertising notices to mariners	25 00	
G. Seifert	Repairing chronometer, clock, &c.	28 00	
E. D. Ashe	Paid for labor	11 00	
J. B. Pruneau	P. O. box rent	4 00	
S. J. Shaw & Co.	Glass, puttv, locks, &c.	8 00	
A. Thom	Plumber's Work	4 30	
W. C. Scott	Express charges	1 15	
A. R. Gordon	Travelling expenses	120 65	
A. Cox	Changing line to Citadel	98 20	
			2,477 35

ST. JOHN, N.B., OBSERVATORY.

J. Drake	12 months salary as Keeper	\$513 84	
Receiver General	do superannuation tax	6 16	
			520 00
Geo. Hutchinson	do salary as Director	\$493 72	
Receiver General	do superannuation tax	4 71	
			498 43
Henry King	Carting and labour	5 40	
A. Williams	12 months rent of telephone	40 00	
C. Y. Gregory	Bunting and rope	44 93	
J. W. Harrington	Window blinds	31 50	
Sarah J. Drake	Repairing flags	27 35	
T. McAvity & Sons	Brass ring	4 08	
W. H. Thorne & Co.	Hardware, vice, &c.	35 42	
Alfred Mills	British Code List	1 50	
Andrew Lawson	Blocks	4 00	
James Stevenson	Set Code flags	33 89	
John Sullivan	Labour	5 00	
S. C. Blizzard	Lumber	46 33	
Allan Bros	Repairs	72 76	
T. B. Barker & Sons	Alcohol, oil and soap	16 10	
Jessie Wilson	Repairing flags	16 40	
James Wilson	Building flag house and platform	66 00	
Edward Willis	Advertising	12 00	
J. Drake	6 months salary as Keeper Signals	30 00	
Thos. S. Adams	Bunting, rope and blocks	27 59	
J. & A. McMillan	Stationery	9 55	
Geo. Hutchinson	Repairs to spy glass	4 50	
Armstrong Bros	Hoisting winch	25 00	
A. Christie & Co.	Lumber and repairs	3 77	
			1,581 50
	REFUND—Less: 9 months salary of J. Drake, transferred to Signal Stations		412 50
			1,169 00

STATEMENT of Expenditure on Account of Magnetic Observatories.—*Con.*

RECAPITULATION.

	\$ cts.	\$ cts.
Meteorological Service		42,294 00
Magnetic Observatory, Toronto.....	5,950 00	
do Montreal.....	500 00	
do Kingston.....	500 00	
do Quebec.....	2,477 35	
do St. John, N.B.....	1,169 00	
		9,696 35
Total.....		51,990 35

JOHN TILTON,
Accountant.

WM. SMITH,
Deputy Minister of Marine and Fisheries.

APPENDIX No. 22.

To the Sixteenth 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, 1883.

		\$ cts.	\$ cts.
<i>Colonial Standard</i>	Advertising for tenders for removal of wreck "Live Oak".....	2 60	
<i>Morning Herald</i>	do do do	5 40	
<i>The Echo</i>	do do "Canfield".....	2 32	
<i>Leamington Post</i>	do do do	2 32	
W. F. Rutley.....	Services as Inspector of dredge for removing obstructions in River Thames, 5 days at \$2.50.....	12 50	
Andrew Hackett.....	Paid work at mouth of River Bois Blanc	10 00	
Queen's Printer.....	Printing, stationery, &c.....		35 14 0 66
			35 80

WM. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 23

To the Sixteenth Annual Report of the Department of Marine and Fisheries,
being Statement of Expenditure on account of Signal Service, for the
Fiscal Year ended 30th June, 1883.

		\$ cts.	\$ cts.
H. J. McHugh	4½ months salary as Inspector, from 15th February to 30th June, 1883.....	270 00	
do	Travelling expenses.....	124 00	
do	1½ months board, from 15th February to 31st March, 1883, at \$20 per month.....	30 00	
do	To pay for repairs to semaphores.....	45 76	
Alphonse Richards.....	Annual allowance for reporting for 1882, Brandy Pots.....	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. Côte.....	do do Cape Chattle.....	50 00	
Jean Gauthier.....	do do Martin River.....	50 00	
G. Lavergne.....	do do Cape Magdalen.....	50 00	
J. Ascah.....	do do Fame Point.....	50 00	
A. Trudeau.....	do do Cape Rosier.....	50 00	
John Beck.....	do do Cape Despair.....	50 00	
Aug. Bertrand.....	do do Pointe Macquereau.....	50 00	
L. T. Puize.....	do do Rivière du Loup.....	50 00	
D. Tremblay.....	Travelling expenses, Portneuf to Quebec and return	19 80	
G. Lavergne.....	Repairs to iron work at Cape Magdalen.....	10 00	
G. N.-W. Telegraph Co.....	Telegrams.....	332 28	
Spottiswood & Co.....	Code lists, £16 4s.....	78 84	
Reynolds & Son.....	12 marine telescopes, £45 10s.....	221 44	
Canadian Pacific Ry.....	Freight on books, telescopes, &c.....	21 86	
N. Fitz-Henry.....	Cartage of wire.....	5 00	
Simon Bédard.....	Stove, stovepipes, iron, &c.....	53 15	
Audet & Robitaille.....	3 sheep skins.....	2 70	
T. Routier.....	Carpenters and blacksmiths work.....	24 72	
James Stevenson.....	12 sets of code flags.....	402 96	
Canadian Express Co.....	Express charges on code flags.....	5 60	
Postmaster, Quebec.....	Postage stamps, &c.....	39 89	
A. Marmen.....	Travelling expenses, Quebec to L'Islet and return.	11 90	
Postmaster, Ottawa.....	To pay for 36 April supplements from Spottiswood.....	4 48	
O. Murphy.....	Fitting up office.....	250 00	
J. E. LeBourdais.....	Annual allowance for reporting for 1882, L'Islet.....	50 00	
J. Drake.....	9 months salary as keeper at station, St. John, N.B.		2,604 38
Queen's Printer.....	Stationery, printing, &c.....		412 50
			348 45
			3,365 33

WM SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 24

To the Sixteenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure in connection with Surveys of Lakes Superior and Huron, for the Fiscal Year ended 30th June, 1883.

W. F. Maxwell	Travelling expenses, inspecting.....	\$ cts. 77 81
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WM. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 25

To the Sixteenth 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, 1883.

COLLECTIONS.		\$ cts.
QUÉBEC.		
Amherst and House Harbours, Magdalen Islands.....		134 68
Cape Chatte.....		Nil.
NEW BRUNSWICK.		
Richibucto		623 92
NOVA SCOTIA.		
Ingonish		Nil.
Total		758 60

EXPENDITURE.

NOVA SCOTIA.

Ingonish \$ 93 02

NEW BRUNSWICK.

Richibucto 999 55

Total..... \$1,092 57

JOHN TILTON,
Accountant.

WM. SMITH,
Deputy Minister of Marine and Fisheries.

APPENDIX No. 26

To the Sixteenth 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, 1882.

	\$	cts.
Cow Bay, Nova Scotia.....	2,585	44
Digby, do	498	95
Maitland do	22	00
Oak Point, do	22	35
Goderich, Ontario.....	280	81
Goderich, do (J. Williams).....	150	00
Rondeau do	1	56
	<hr/>	<hr/>
Add—Remitted by Wharfinger at Digby after close of accounts for fiscal year of 1882.....	\$3,561	11
	<hr/>	<hr/>
Total	\$3,754	75

N.B.—\$5.77, paid by Wharfinger at Maitland, \$105 paid by Wharfinger at Oak Point, and \$4.96 paid by Wharfinger at Brooklyn, N.S., to the credit of the Receiver-General in August and November last, will appear in receipts for 1883-84.

WM. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 27

To the Sixteenth Annual Report of the Department of Marine and Fisheries
being a Statement respecting the Marine Hospital for the Fiscal Year,
ended 30th June, 1883.

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.....	9	8	.....	1
Miramichi, N.B.....	J. W. Doherty, M.D.....	3	2	.....	1
Richibucto, N.B.....	John Thomson, M.D.....	66	65	1	.....
Sackville, N.B.....	L. B. Botsford, M.D.....	8	7	1	.....
St. Andrews, N.B.....	S. M. Gove, M.D.....	6	5	.....	1
St. John, N.B.....	L. B. Botsford, M.D.....	91	80	2	9
Lunenburg, N.S.....	S. Jacobs, M.D.....	14	14	.....	.....
Port Mulgrave, N.S.	P. A. McDonald, M.D.....	6	6	.....	.....
Sydney, N.S.....	A. D. MacGillvary, M.D.....	50	49	1	.....
Yarmouth, N.S.....	A. M. Perrin, M.D.....	3	2	1	.....
Souris, P. E. I.....	E. P. Ford, M.D.....	1	1	.....	.....
Victoria, B. C.....	John C. Davie, M.D.....	59	58	1	.....

WM. SMITH,
Deputy Minister of Marine and Fisheries.

APPENDIX No. 28

To the Sixteenth Annual Report of the Department of Marine and Fisheries,
being Statement of Expenditure in connection with observations of
the Transit of Venus, for the Fiscal Year ended 30th June, 1883.

		<i>Travelling Expenses.</i>	\$ cts.	\$ cts.
A. R. Gordon.....	Travelling expenses.....		446 00	
O. Carpmael.....	do		66 00	
C. H. McLeod.....	do		273 82	
Frank Blake.....	do		145 00	
T. S. H. Shearman.....	do		25 00	
B. C. Webber.....	do		39 00	
Prof. Williamson.....	do		36 75	
W. Drydon Jack.....	do		40 00	
				1,071 57
		<i>Instruments and Apparatus.</i>		
D. Hughes ..	Building stone pillar.....		317 06	
Thos. Dean.....	Castings.....		60 20	
David Henry.....	Carpenter's work.....		21 85	
Thos. Shelton	do		25 87	
Wm. Menzies.....	do		60 75	
David Henry.....	do		16 72	
J. P. Wagner.....	Lumber.....		95 53	
Geo. Ringham.....	Covering dome.....		70 00	
E. Chanteloup.....	Register.....		34 75	
Thos. Dean.....	Castings.....		2 00	
A. Renaud.....	Observer's tent....		7 00	
L. R. Sexton.....	Telescope appliances.....		167 00	
Alex Johnson.....	Grinding lens.....		90 00	
Mackintosh & McInness.	Lumber.....		2 50	
Thos Downey.....	do		50 83	
R. Sampson.....	Telescope appliances.....		28 00	
T. Cook & Son.....	Telescope.....		1,890 71	
C. H. McLeod.....	Paid for striding level.....		10 00	
James Foster.....	Repairs of bubble.....		8 00	
A. R. Bain.....	Transit house.....		10 15	
T. Cook & Son.....	2 chronographs.....		500 13	
C. W. Drury.....	Transit instrument, repairs.....		15 50	
James Foster.....	Repairs and mounting telescope.....		31 17	
J. Adams.....	Observer's tent.....		20 00	
				3,535 72
		<i>Miscellaneous.</i>		
G.N.-W. Telegraph Co.	Cablegram.....		4 00	
J. D. Irwin.....	Freight.....		13 25	
Robinson & Heath.....	Freight, Customs, &c		30 46	
C. H. McLeod.....	Paid temporary Observer.....		40 00	
John F. Hayes.....	Extra Assistant.....		28 00	
W. Adams.....	Caretaker.....		15 50	
W. A. Ash.....	Petty expenses.....		5 15	
A. Renaud.....	Packing cases		10 65	
Alex. Johnson.....	Petty expenses.....		41 11	
W. A. Ash.....	Assistant at Quebec.....		30 00	
Bursar of St. John's Col- lage, Winnipeg.....	Petty expenses.....		71 00	
O. H. McLeod.....	Cartage.....		19 29	
Treas. G.N.-W. Tel. Co.	Cable message.....		12 50	
Geo. Cox.....	Lithographing cuts of transit.....		25 00	
C. H. McLeod.....	Longitude determination, expenses.....		46 80	
				392 71
Total Expenditure.....				\$5,000 00

JOHN TILTON,
Accountant

WM. SMITH,
Deputy Minister of Marine and Fisheries.
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APPENDIX No. 29

To the Sixteenth 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, 1883.

To whom Paid.	Rank.	Period.	Amount.
			\$ cts.
Hon. J. C. Pope.....	Minister.....	1st to 10th July, 1882.....	\$ 188 17
Hon. A. W. McLelan	do	11th July, 1882, to 30th June, 1883.....	6,811 83
William Smith	Deputy Minister	12 months.....	7,000 00
W. F. Whitcher... ..	Commissioner of Fisheries.....	do	3,200 00
John Tilton.....	Chief Clerk and Accountant.....	do	2,400 00
John Hardie.....	do	do	2,300 00
S. P. Bauset.....	1st Class Clerk.....	do	2,300 00
W. L. Magee.....	do	do	1,800 00
W. P. Anderson.....	do and Engineer.....	do	1,800 00
F. Gourdeau.....	do	do	1,616 67
W. S. Pettigrew.....	2nd Class Clerk.....	1st July to 22nd September, 1882.....	1,452 08
W. H. Alexander... ..	do	12 months.....	318 87
R. N. Venning.....	do	do	1,100 00
John Makinson.....	do	do	1,100 00
M. P. McElhinney....	do	1st January to 30th June, 1883.....	1,100 00
A. Chisholm.....	3rd Class Clerk.....	1st July, 1882, to 31st January, 1883	550 00
Jas. M. Oxley.....	do	29th March to 30th June, 1883.....	559 95
W. B. Carleton.....	do	12 months.....	258 32
Jas. B. Halkett.....	do	do	825 00
W. W. Stumbles.....	do	do	825 00
A. W. Owen.....	do	do	800 00
Vernon Nicholson... ..	do	do	787 50
Jas. S. Webster.....	do	do	700 00
A. H. Belliveau.....	do	do	700 00
S. B. Kent.....	do	do	700 00
T. E. McLelan.....	do	do	\$700 00
do	Private Secretary.....	1st September, 1882, to 30th June, 1883.....	500 00
Jos. Pope.....	do	1st to 31st July, 1882.....	1,200 00
Andrew Halkett.....	3rd Class Clerk.....	12 months.....	25 00
J. A. Murray.....	do	do	560 00
Jules Morin.....	Messenger	do	400 00
Jas. Robertson.....	do	do	500 00
			420 00
		Total.....	\$37,988 39

WM. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No. 30

TO THE SIXTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING REPORT OF GEORGIAN BAY SURVEY DURING THE SEASON OF 1883.

SIR,—I have the honor to inform you that on July 26th I was informed by the High Commissioner in London that an official notification had been received from the Admiralty of my appointment to conduct the survey of Georgian Bay, under the direction of the Dominion Government.

The next day I received instructions to leave Liverpool, on the 2nd of August, for Ottawa.

I embarked accordingly, and reported myself to the Deputy Minister in Ottawa on the 13th.

I left Ottawa on the 14th, arriving the next day at Collingwood, Georgian Bay.

Between this date and the 22nd, while waiting the acceptance by the Department of one of the vessels tendered for the survey, I employed myself in obtaining from the masters of vessels, pilots and others, every possible information respecting rocks, shoals, routes and amount of traffic, as a guide to the most necessary portion of the Bay to take first in hand.

Having regard,

1. To the interests of general navigation.
2. The partial shelter from strong westerly winds to be expected a little later on.

3. The advantage of connecting with the accurately-determined position of Cove Island Lighthouse by the United States Coast and Geodetic Survey.

I determined to commence on that portion of the Bay which includes the entrances from Lake Huron and the North Channel, shown on my Index Chart (already lodged with the Deputy Minister) as Sheet 3.

I accordingly left Collingwood, on the 22nd of August, with a couple of men, for Killarney, at which place I conjectured I might be able to obtain temporary daily hire of a fishing tug, be still in communication with the Department, and find it generally a suitable base of operations.

In this respect I was not disappointed.

While waiting for a vessel from the Department, I employed myself measuring a base line and extending my triangulation by the occasional daily hire of a local tug. On the strength of information received while at Collingwood, I was able to find and examine "Dawson" rock, probably one of the most dangerous obstructions in Georgian Bay, as lying directly on the course from Collingwood and Owen Sound to the North Channel.

On the 30th of August, Capt. McElhinney, Nautical Assessor to the Department, arrived at Killarney to consult with me about the vessels he had seen for hire at Toronto. After thoughtful consideration, I concluded that, by the time a suitable vessel had been procured, and had arrived on the ground ready for work, nearly a fortnight would have elapsed, by which date, according to local information and my previous experience in North America, the finest weather would be at an end. I therefore considered it advisable to endeavor to secure the services of a small fishing tug, named the "Ann Long" (belonging to Messrs. Noble Bros., of Killarney), just returned from the engineer's hands at Owen Sound, and, therefore, likely to be in good working order.

Finding this vessel could be immediately hired, and at a rate comparing favorably with that of those seen by Capt. McElhinney, I took upon myself the responsibility of at once engaging her for eight weeks, as per agreement.

In this initiatory stage of the survey I was, with the sacrifice of my own personal accommodation, able to do as much work as with a larger and more expensive vessel. The nature of this work consisted principally in the completion of the main triangulation of the part of Georgian Bay and North Channel embraced by Sheet 3. In going from place to place in connection with this work, I found a few rocks, the most dangerous of which is Bernard Rock, its existence being hitherto unknown to most of the masters of the passenger steamers navigating in that locality.

On the 29th of October, the weather being too wet and stormy for further profitable field work, I left Georgian Bay, arriving at Ottawa on the 31st, and reporting myself to the Department.

I am aware, Sir, that it was the expressed wish of the Dominion Government in the institution of this survey, that the coast line on Admiral Bayfield's charts should be retained; consequently, it was only after careful consideration of the subject in all its bearings, that I proposed to you in my letter of the 27th of August to make a new survey altogether of Georgian Bay and North Channel, which was acceded to.

The present Admiralty charts of this part, by Admiral Bayfield, must have more than answered the requirements of the year 1820, the name of the Admiral being a sufficient guarantee for that, but strangers at the present time (as I personally experienced) require a chart on a sufficiently large scale to enable the many dangers, narrow channels, and small but excellent harbours (in which respect Georgian Bay differs entirely from the other great lakes) to be intelligibly shown.

I, therefore, proposed to you, to construct four new sheets of Georgian Bay and the North Channel, on a scale of half an inch of paper to one nautical mile. This will occupy five seasons.

Although, perhaps, irrelevant to what may be expected from me in this report, it may be as well to mention as an instance of the necessarily slow nature of hydrographical surveying, that the survey of Canadian and Newfoundland coasts and waters by the Admiralty has continued without a break since 1817, and is yet incomplete; while with large parties nearly forty years were occupied by the United States Coast and Geodetic survey in mapping their lake shores and waters.

The surveying instruments I have with me, and which were lent by the hydrographer to the Admiralty to prevent loss of time on my arrival (not knowing what the resources of the Dominion Government might be in that respect), it would be advisable to return, a new set being bought by the Department, as per list lodged with the Deputy Minister.

As it is indispensably necessary that these should be selected by one of my own profession, I would respectfully suggest that the hydrographer be asked to allow one of his naval assistants, Captain Stanley, to choose them for me. With regard to an assistant in the survey next summer, I think a young gentleman from the Kingston Military College would be very suitable to train to the work, and I should like him appointed to me on the 1st of next March. By that time I shall have leisure to teach him the application of his mathematics to problems in nautical surveying, and the use of instruments.

The second season I might be allowed to have another assistant from the same institution. Although by this plan, the survey of Georgian Bay may take somewhat longer than seems desirable, yet I think the country would, on the whole, be a gainer, by the fact of having attached to the Department a couple of gentlemen who being properly trained in hydrographical surveying from the first, will, in time, be able to undertake work of this nature themselves. In reference to a steamer for next season, a wooden screw tug steamer would answer the purpose well, provided that she is 120 feet long, drawing not over 10 feet of water, with economical engines burning coal, wooden bottom, accommodation for fourteen persons in all, and generally a good strong sea boat. I have heard that such vessels are to be seen on Lake St. Clair.

Should you consider it conducive to the safer navigation of the new steel steamers, which I believe it is contemplated to run from Algoma to Lake Superior, *vid* Sault Ste. Marie, I might be allowed to proceed direct to the former by rail in the spring, and in the event of my own vessel being delayed by ice, might, by the temporary hire of a small local tug steamer, obtain clearing marks or buoy the principal dangers on their track from Algoma Mills to East Neebish Rapids.

This being done, it would be advisable to take up and work systematically at Sheet 3, until completed.

The computations resulting from my past season's field work, the preparing of my rough sheets for next summer's detailed work, together with the preparation for the printer (subject to your approval) of a few "Temporary Sailing Direction Notes," acquired during last autumn, will occupy me until March. Thence, until the opening of navigation, as previously suggested.

I have the honor to be, Sir,

Your most obedient servant,

J. G. BOULTON,

Staff Commander, R. N., in charge of Georgian Bay Survey.

The Honorable

The Minister of Marine and Fisheries,
Ottawa.

APPENDIX No. 31

TO THE SIXTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING HYDROGRAPHIC NOTES BY STAFF-COMMANDER BOULTON, R. N., RESPECTING THAT PORTION OF GEORGIAN BAY COMPRISED IN DISTRICT FROM CABOT'S HEAD TO LITTLE CURRENT.

TOBERMORY (COLLINS) HARBOUR.

Affords excellent shelter from all winds.

Both it, and the approach thereto, are free from dangers.

At night the temporary fixed white light, on the south-western entrance point, may be steered for when seen.

The best shelter is in the south-west arm, making fast to the western shore, which is steep to.

The assistance of Mr. Charles Earl (who resides here), may be obtained, if wishing to proceed into Lake Huron by Cape Hurd Channel.

The shores of Echo, Flower Pot and Middle Islands are steep to, on all sides.

BEAR'S RUMP.

To avoid the shoal extending from the south point of this island, keep Cove Island Lighthouse touching the north extreme of Flower Pot Island.

The east side of Middle Island, in line with the west side of Doctor Island (the northernmost of the four islands in front of Tobermory Harbour), leads east of this shoal.

LONELY ISLAND.

The north shore should not be approached within a quarter of a mile, nor the remainder within a couple of hundred yards.

CLUB ISLAND HARBOUR.

Is well sheltered from all winds. In entering, keep nearest the south point, and bring up off the houses in the south corner.

WALL ISLAND.

To pass eastward of a long shoal stretching southward from the south extreme of this island, keep the right fall of Cape Smith open east of Rabbit Island.

RATTLESNAKE.

Is a safe harbour, and may be easily entered with the plan on the Admiralty Chart.

From this locality to Cape Smith, the Coast of Manitoulin Island should receive a berth of a quarter of a mile. The holding ground in Wekwemikongsing (James) Bay, is not good.

DAWSON ROCK.

A large patch of boulders, with 3 feet of water over its shoalest part, lies about E. by N. $\frac{1}{4}$ N., distant ten miles from Lonely Island Lighthouse, and S.S.E. $\frac{1}{4}$ E., twelve and three-quarter miles from the south extreme of Squaw Island.

From this patch, the south-east end of Horse (Fitzwilliam) Island is closed with the north extreme of Lonely Island; and the summit of Badgely Island is over the northern part of Squaw.

SQUAW ISLAND HARBOUR.

Contains perfect shelter for vessels drawing under eight feet of water. Approach from the eastward, and keep the island shore close on board.

KILLARNEY HARBOUR.

In entering this harbour from the eastward, bring the low north-west extreme of George Island to touch the docks on the north side of the harbour before proceeding westward of the lighthouse.

A tug may be obtained here for Collins' Inlet.

BERNARD ROCK.

Small, with 10 feet of water over it, lies S.W. $\frac{1}{4}$ S., distant $4\frac{1}{2}$ miles from Killarney East Lighthouse, and N.E. $2\frac{3}{4}$ miles from the south extreme of the large and southernmost Burnt Island.

The summit of Badgely Island, over the east end of Ko-kanongwi, leads east, and over the other extreme, leads west of it.

Whisky Island (Wekwemikong or Smith Bay), touching the south extreme of the largest Burnt Island, leads north, as does Killarney East Lighthouse shut in with George Island.

WEKWEMIKONG BAY.

Has good holding ground, and shelter from south-east and south-west gales.

To avoid the shoals on the cape shore of the Bay, keep the whole of Squaw Island open of Cape Smith.

PULKEY ROCK.

With 10 feet of water on it, lies east, distant about one mile from the centre of Whisky (William) Island. From the Rock, the summit of Badgely Island is a little inside the end of the large Burnt Island above mentioned. To pass south-east of it, therefore, keep this summit open east of the Burnt Islands. The rock marked on the Admiralty Chart of Lake Huron, No. 519, as lying about N. by W., three-quarters of a mile distant from the north point of Cape Smith, has no existence in that position.

FROM CAPE SMITH TO LITTLE CURRENT.

Keep the west and highest beach on Badgely Island, in line with the first hill left of Lion's Head (a sharp and conspicuous bare hill on the mainland behind Badgely Island), until Ead's Bush (a remarkable clump of trees near the right face of the high land at Little Current), is closed with the summit of Rat (Heywood) Island.

Proceed on this mark to avoid the dangers from the north sides of the Burnt Islands, keeping, at the same time, the south extreme of Kokanongwi Island well open of Badgely, to pass southward at the shoals extending from Centre and Round Islands.

The south shore of Rat Island may be approached to 200 yards.

Strawberry Island Lighthouse Point is steep to.

Keep a little southward of the line joining the lighthouse and Little Current, to avoid the shoal water extending from the La Cloche Islands, and in nearing the village, keep the Manitoulin shore on board.

WATTS ROCK.

Nearly awash, lies about E. by N., half a mile from the eastern end of **Rat Island**. The summit of **Badgely Island**, touching the north side of **Round Island**, leads south of it.

Vessels drawing less than 15 feet of water may pass through the artificial channel in process of excavation, at **Little Current**; but sailing vessels, on account of the sharp turn, require especially favorable circumstances of wind and set of current.

The above bearings are compass, and the distances are in nautical miles of about 2,025 yards.

APPENDIX No. 32

To the Sixteenth Annual Report of the Department of Marine and Fisheries,
being the General Summary of Expenditure for the Fiscal Year ended
30th June, 1888.

Vide Report Page.	Service.	Amount.		Total.	
		\$	cts.	\$	cts.
1	Maintenance of Lights Above Montreal.....	69,116	68		
19	do Between Quebec and Montreal.....	15,250	32		
25	do Below Quebec.....	101,784	99		
47	do New Brunswick.....	74,947	92		
70	do Nova Scotia, including Cape Race and Sable Island Humane Establishment.....	149,793	17		
99	do Prince Edward Island.....	16,907	27		
107	do British Columbia.....	17,349	06		
110	Buoys and Beacons, Port of Montreal.....	7,000	00		
110	Maintenance, General Account.....	6,326	67		
				458,476	08
111	Construction of Lights Above Montreal.....	6,170	39		
112	do Between Quebec and Montreal.....	760	76		
113	do Below Quebec.....	8,911	74		
114	do New Brunswick.....	1,022	57		
114	do Nova Scotia.....	9,422	75		
117	do Prince Edward Island.....	1,934	49		
117	do British Columbia.....	849	30		
117	do do Sands Head.....	155	96		
112	do Colchester Reef.....	3,611	88		
	Queen's Printer, Stationery and Printing.....	62	48		
				32,902	32
119	Dominion Steamers.....			155,027	60
130	Examination of Masters and Mates.....			4,021	20
134	Investigations into Wrecks and Casualties.....			875	64
141	Marine and Immigrant Hospital, Quebec.....			19,998	53
142	Marine Hospitals, and Sick Seamen, and Shipwrecked and Distressed Seamen.....			29,880	78
171	Minister's Salary and Departmental Staff.....			37,988	39
156	Meteorological Observatory.....			42,294	00
161	Observatory, Kingston.....	500	00		
161	do Montreal.....	500	00		
161	do New Brunswick.....	1,169	00		
161	do Toronto.....	5,050	00		
161	do Quebec.....	2,477	35		
				9,696	35
133	Registration and Survey of Canadian Shipping.....			168	84
164	Removals of Obstructions in Navigable Rivers.....			35	80
135	Rewards for Saving Life, purchase of Life-boats, etc.....			2,534	60
165	Signal Service.....			3,365	33
166	Survey of Georgian Bay and Lake Huron.....			77	81
131	Steamboat Inspection.....			16,209	02
170	Transit of Venus.....			5,000	00
137	Water Police, Montreal.....	15,798	24		
136	do Quebec.....	22,520	41		
				38,318	65
	Carried forward.....				

**GENERAL SUMMARY of Expenditure for the Fiscal Year ended 30th
June, 1883.**

	Service.	Amount.		Total.		
		\$	cts.	\$	cts.	
	Brought forward.....			856,871	03	
Vide Fisheries Report.	Fisheries, Ontario.....	13,602	00			
	do Quebec.....	13,287	30			
	do Nova Scotia.....	16,247	14			
	do New Brunswick.....	13,007	00			
	do Prince Edward Island.....	2,766	64			
	do British Columbia.....	1,599	92			
	do Manitoba.....	150	00			
					60,660	00
	Fish-breeding &c., Ontario.....	10,111	45			
	do Quebec.....	7,982	85			
	do Nova Scotia.....	4,191	34			
	do New Brunswick.....	2,646	14			
	do Prince Edward Island.....	807	32			
	Queen's Printer, Stationery and Printing.....	37	77			
					25,776	87
Fisheries, Legal and Incidental Expenses.....				1,681	43	
International Fisheries Exhibition.....				28,418	63	
Fishery Bonus payments.....				77,665	69	
Expenses in connection with distribution of Fishery Bounty.....				3,193	36	
	Total.....			1,054,267	01	

WM. SMITH,
Deputy Minister of Marine and Fisheries.

JOHN TILTON,
Accountant.

APPENDIX No 33

TO THE SIXTEENTH ANNUAL REPORT OF THE DEPARTMENT OF
MARINE AND FISHERIES, BEING REPORT ON THE DECAYED PILOT
FUND OF QUEBEC, FOR THE CALENDAR YEAR ENDED 31st
DECEMBER, 1883.

QUEBEC, 1st January, 1884.

SIR,—I transmit herewith a statement of the Decayed Pilot Fund of Quebec, for the year ended 31st ultimo, and I have moreover the honour of supplying you with the following information, viz. :—

The total receipts of the Corporation of Pilots, for and below the Harbour of Quebec, for the year 1883, were as follows, viz. :—

Total receipts.....	\$138,254.71
Expenditure	25,333.97
	\$112,920.74

Net dividend, \$651.47:

There have been 187 foreign vessels which paid \$22,882.89, and 870 British vessels which paid \$115,371.82.

I have the honour to be, Sir,
Your obedient servant,

C. R. MICHAUD,
Secretary.

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 1883.

RECEIPTS.		\$ cts.	\$ cts.
To Balance of 1882		1,944 58	
Percentage on contributions to pilots		9,843 89	
Interest on investments		2,920 67	
Interest—Savings Bank		10 49	
Fines		135 00	
			14,854 63
EXPENDITURE.			
By Pensions		10,727 60	
Relief		214 13	
General expenses		70 20	
Salaries		500 00	
Deposit at the Banque Nationale		3,200 00	
Balance on hand		142 70	
			14,854 63
PILOTS RELIEVED BY THE FUND.			
François Vézina		36 80	
Isaie Marticotte		96 00	
Léandre Raymond		28 00	
Maurice Pepin		53 33	
			214 13
PENSIONERS AT THE EXPENSE OF THE FUND.			
AMOUNT PAID TO EACH DURING THE YEAR, FROM 1ST NOVEMBER, 1882, TO 1ST NOVEMBER, 1883.			
<i>Ten Pilots at \$110.</i>			
Paul Blouin		110 00	
Frédéric Bernier		110 00	
Laurent Tremblay		110 00	
Jean Dufresne, died on the 8th April, 1883		48 27	
Dominique Girard		110 00	
Frs. Joseph Pouliot		110 00	
J. Bte. Bourget		110 00	
Yves Sylvestre		110 00	
Thomas Després, superannuated 1st December, 1882		100 83	
Marcel Le Bel do do		100 83	
			1,019 93
<i>Seven Pilots at \$101.</i>			
F. X. Lachance		101 00	
Jean Frs. Lamarre		101 00	
Anselme Marmen		101 00	
Pierre Pelletier		101 00	
Joseph St. Laurent		101 00	
J. Bte. Turgeon		101 00	
Frs. Thivierge		101 00	
			707 00
<i>Four Pilots at \$92.</i>			
Edouard Demers		92 00	
Clovis Antil		92 00	
J. Bte. Paquet (arrears)		48 00	
do on account		69 00	
Amable St. Laurent		92 00	
Marcel Côté, died on the 24th April, 1883		44 47	
Alexis Vézina, superannuated 10th April, 1883		51 11	
			488 58
Carried forward			2,215 51

**STATEMENT of Moneys received and disbursed by the Corporation of Pilots
for the Decayed Pilot Fund of Quebec, etc.—Continued.**

	\$	cts.	\$	cts.
Brought forward			2,215	51
PENSIONERS AT THE EXPENSE OF THE FUND—Continued.				
<i>Five Pilots at \$90.</i>				
Pierre Gourdeau	90	00		
Jean Lavoie	90	00		
F. X. Lapointe, died on the 1st August, 1883	67	50		
Joseph Lavoie, superannuated on the 10th April, 1883.....	50	00		
Edouard Rousseau.....	90	00		
			387	50
<i>Five Pilots at \$88.</i>				
F. X. Corriveau	88	00		
Joseph Lapointe	88	00		
Frs. Pelletier	88	00		
Michel Fournier, died on the 5th December, 1882	8	37		
Antoine Roussel.....	88	00		
			360	37
<i>Four Pilots at \$86.</i>				
Louis Lemieux	86	00		
Frs. Nadeau.....	86	00		
Alexis Roy	86	00		
Célestin St Pierre	86	00		
			344	00
<i>Three Pilots at \$82.</i>				
F. X. Ménard	82	00		
Michel Vézina, on account.....	41	00		
Siméon Plante	82	00		
			205	00
<i>Five Pilots at \$79.</i>				
Frs. Côté	79	00		
Pierre Charest	79	00		
Paul Pouliot.....	79	00		
J. Léon Roy.....	79	00		
Léandre Raymond, superannuated on the 15th February, 1883	55	96		
			371	96
<i>One Pilot at \$47.</i>				
James Forbes				47 00
WIDOWS OF PILOTS.				
<i>Twelve 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 Ohs. Pouliot.....	68	00		
do Alexis Pelletier	68	00		
do Nicholas Paradis	68	00		
do Edouard Petitgrew	68	00		
do Alexandre Vaillancourt, superannuated on the 23rd October, 1882.....	69	50		
			817	50
Carried forward			4,748	84

**STATEMENT of Moneys received and disbursed by the Corporation of Pilots
for the Decayed Pilot Fund of Québec, etc.—Continued.**

	\$ cts.	s. cts.
Brought forward		4,748 84
PENSIONERS AT THE EXPENSE OF THE FUND—Continued.		
WIDOWS OF PILOTS—Continued.		
<i>Thirteen Widows at \$64.</i>		
Widow of F. X. Delisle	64 00	
do Robert Demers.....	64 00	
do Hubert Dumas, superannuated on the 25th September, 1883.	6 25	
do Jean Gobeil	64 00	
do Cyprien Langlois	64 00	
do Pierre Laprise	64 00	
do Paul Larochelle	64 00	
do Joseph Mercier	64 00	
do Michel Morin	64 00	
do Joseph Raymond	64 00	
do Pierre Ruelland, superannuated on the 30th June, 1883	21 35	
do George St. Amand	64 00	
do Damien Boulanger (arrears)	33 50	
do do died on the 30th June, 1883	42 66	
		743 76
<i>Sixteen Widows at \$62.</i>		
Widow of C. J. Adam (A. B.)	62 00	
do J. E. Adam	62 00	
do Oamas Babin	62 00	
do Marcel Gôté, superannuated on the 24th April, 1883	34 10	
do Paschal Dick	62 00	
do Michel Fournier, superannuated on the 5th December, 1882	56 20	
do Nicholas Fortin do 21st May, 1883	27 55	
do Pierre Gourdeau (A. F.)	62 00	
do Isaac Gourdeau	62 00	
do Amable Genest (arrears)	15 50	
do do on account	48 50	
do Ls. Marie Lavoie	62 00	
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	
		923 85
<i>Sixteen Widows at \$60.</i>		
Widow of Ant. Boucher	60 00	
do J. B. Asselin, died on the 6th February, 1883	16 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	60 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, on account	45 00	
do J. Bte. Patoine	60 00	
do J. Bte. Tremblay	60 00	
do Ed. Vaillancourt	60 00	
		901 00
<i>Seventeen 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	7,317 45

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	7,317 45]
PENSIONERS AT THE EXPENSE OF THE FUND—Continued.		
WIDOWS OF PILOTS—Continued.		
<i>Seventeen Widows at \$58—Concluded.</i>		
Widow of Amable Fournier (arrears)	32 00	
do do on account	29 00	
do Denis Glynn	58 00	
do Wm. Irvine	58 00	
do Fabien Langelier	58 00	
do Julien Langlois	58 00	
do J. Bte. Laroche	58 00	
do A. Lavoie (L. M.)	58 00	
do Henri Lavoie	58 00	
do Firmin Lévesque, on account	43 50	
do Henri Noël	58 00	
do Pierre Ross	58 00	
do R. E. Simard, re-married	29 00	
do Fred. Simpson	58 00	
do Joseph Simpson	58 00	
		945 50
<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 Dorion	56 00	
do C. F. Kœnig	56 00	
do Ovide Lachance	56 00	
do L. Langlois (E. D.)	56 00	
do Joseph Lévesque	56 00	
do Antoine Michaud	56 00	
do Pierre Normand	56 00	
do David Petitgrew	56 00	
do Benj Pineau	56 00	
do Jean Pelletier	56 00	
do John Simpson	56 00	
		840 00
<i>Ten 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	48 00	
do Frs. Leclerc (arrears)	54 00	
do do (year)	48 00	
do Michel Pelletier	48 00	
do Abraham Royer	48 00	
		534 00
<i>Eight Widows at \$40.</i>		
Widow of Alfred Antil, at her pension from the 29th December, 1882, on account	23 77	
do Jacques Dandurand, on account	30 00	
do André Reable	40 00	
do Guillaume Morency	40 00	
do Magloire Rioux, on account	40 00	
Carried forward	173 77	9,636 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	173 77	9,636 95
PENSIONERS AT THE EXPENSE OF THE FUND—Concluded.		
WIDOWS OF PILOTS—Concluded.		
<i>Eight Widows at \$40—Concluded.</i>		
Widow of Pierre Rouleau	40 00	
do J. B. Servant	40 00	
do Henri Ferrault	40 00	
		293 77
<i>Fourteen Widows at \$38.</i>		
Widow of Zach. Blanchet, on account	19 00	
do Fabien Caron	38 00	
do Magloire Côté	38 00	
do R. Côté, alias Urbain, on account	28 50	
do Antoine Fortier	38 00	
do L. Langlois (A. R.) (arrears)	9 50	
do do (year)	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 (arrears)	9 50	
do do (year)	38 00	
do George Simard (arrears)	19 50	
do do (year)	38 00	
do Alfred Turgeon	38 00	
do Louis Thivierge	38 00	
		542 00
FIFTEEN CHILDREN OF PILOTS.		
David Charest 1	15 00	
Hilaire Couillard 1	15 00	
D. Charest (Gervais) (arrears) 1	3 75	
do on account 1	11 25	
Wm. Petitgrew, \$15, \$12 2	27 52	
Thomas Boutin 1	15 00	
P. Toussaint 1	15 00	
F. Dupuis 1	15 00	
N. Fortin 1	15 00	
J. Jahan 1	15 00	
Isaac Forbes, \$15, \$12.50 2	27 48	
E. Lavoie (arrears) 1	15 00	
do (year) 1	18 75	
E. Gourdeau (arrears) 1	28 75	
do on account 1	4 88	
P. Garneau (arrears) 1	5 00	
do on account 1	7 50	
		254 88
RECAPITULATION OF PENSIONS.		
10 Pilots at \$110	1,019 93	
7 do 101	707 00	
6 do 92	488 58	
5 do 90	387 50	
5 do 88	360 37	
4 do 86	344 00	
3 do 82	205 00	
5 do 79	371 96	
1 do 47	47 00	
46 Pilots.		
Carried forward	3,931 34	10,727 60

**STATEMENT of Moneys received and disbursed by the Corporation of Pilots
for the Decayed Pilot Fund of Quebec, etc.—Concluded.**

	\$	cts.	\$	cts.
Brought forward	3,931	34		
RECAPITULATION OF PENSIONS—Concluded.				
12 Widows at \$68	817	50		
13 do 64	743	76		
16 do 62	923	85		
16 do 60	901	00		
17 do 58	945	50		
15 do 56	840	00		
10 do 48	534	00		
8 do 40	293	77		
14 do 38	542	00		
121 Widows.				
15 Children at \$15, \$12.50 and \$10	254	88		
182 Pensioners			10,727	60
CREDIT.				
RECEIPTS—DETAIL.				
To Balance of 1882	1,944	58		
Syndics of the Quebec Roads: 1 year's interest on \$22,800, at 6 per cent., on 1st July, 1883	1,368	00		
The City of Quebec: 1 year's interest on \$9,000, at 7 per cent., on 1st July, 1883	630	00		
Treasury Department: Interest on \$20,000 on 1st July, 1883	847	67		
Estate of P. Boisseau: 1 year's interest on \$1,000 on 26th January, 1883	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 account	10	49		
Amount received from the Corporation of Pilots	9,581	54		
do do Captain Pilots	262	35		
do do Fines	135	00		
			14,854	63
DEBIT.				
PENSIONS AND RELIEF, ETC., PAID DURING THE SEASON OF 1883.				
By Relief	214	13		
Arrears on pensions to 31st December, 1882	286	12		
Amount of pay-list of pensions for quarter ended 31st January, 1883	2,657	28		
do do do 30th April, 1883	2,647	59		
do do do 31st July, 1883	2,625	36		
do do do 31st October, 1883	2,511	25		
General expenses	70	20		
Salary of the Treasurer and Assistant	500	00		
Deposits in Savings Bank	3,200	00		
Balance on hand	142	70		
			14,854	63
STATEMENT OF FUND.				
Moneys loaned	53,352	71		
Amount in Savings Bank	3,200	00		
do Treasurer's hands	142	70		
	56,695	41		
To deduct arrears of pensions due this day	388	03		
			56,307	38

E. & O. E.,

F. X. DION,
Treasurer.

QUEBEC, 31st December, 1883.

APPENDIX No. 34

TO THE SIXTEENTH 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, 1883.

HARBOUR COMMISSIONERS' OFFICE,
MONTREAL, 10th January, 1884.

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 Pilots Fund, for the year ended the 31st December, 1883; also a statement shewing the state of the said Fund at that date.

The fund continues in a very satisfactory condition, the net increase over last year being \$1,051.83; the item of poundage showing an increase of \$204.94.

The receipts were for

Poundage.....	\$2,251.72
Interest on investments.....	2,081.87
Total.....	<u>\$4,333.59</u>

The following changes occurred among the pensioners:—Widow Joseph Mathieu died on the 2nd April, and the Widow Pierre Pagé on the 13th May.

Pilot Placide Gaillardet, aged 67, was superannuated on the 1st February.

Pilot Hector Hamelin, aged 65, on the 1st August, and Pilot F. A. Maynard, aged 64, on the 1st September. Pilot Hamelin died shortly afterwards, on the 2nd of October, and his widow was placed on the pension list.

Pilot Edouard Naud, aged 40, having become insane, was placed in an asylum; an allowance was granted his wife, for the support of herself and children.

There are now 27 pensioners on the Fund, 21 widows and 6 old pilots; the amount paid for pensions in 1883, was \$3,281.76.

I am, Sir,

Your obedient servant,

H. D. WHITNEY.

Secretary.

WILLIAM SMITH, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

H. D. WHITNEY, Treasurer, in account with the Decayed Pilots Fund.

CR.

DR.

1883.		\$	cts.	1883.		\$	cts.
Jan. 1...	To Balance brought forward.....	4,952	36	Jan. 1...	By paid the following pensions for three months ending 1st February:—		
do 16...	Received six months' interest on \$5,000, City of Montreal Bonds.....	125	00	do	Widow Olivier Abelle.....	28	00
do 28...	Received from Collector of Customs, Three Rivers, poundage 1882.....	49	03	do	Zéphirin Boudreau.....	28	00
Feby. 12...	Received six months' interest on \$24,000, Harbour Bonds.....	767	50	do	Thos. Dubord.....	28	00
May 31...	Received from Collector of Customs, poundage May.....	161	19	do	Félix Hamelin.....	28	00
June 5...	Received six months' interest \$2,000, Water-works Bonds.....	60	00	do	Hubert Lemal.....	24	00
do 30...	Received from Collector of Customs, poundage June.....	305	11	do	Jos. Lacoursière.....	28	00
July 7...	Received Canada Dominion Stock, matured.....	1,600	00	do	Pierre Pagé.....	28	00
do 7...	Received interest on above.....	43	00	do	Léandre Mayrand.....	28	00
do 31...	Received from Collector of Customs, poundage July.....	409	02	do	Old Pilot Onésime Naud.....	50	00
10 Aug. 9...	Received six months' interest of \$24,000, Harbour Bonds.....	767	50	do	Widow Olivier Raymond.....	28	00
do 14...	Received six months' interest on \$5,000, City of Montreal Bonds.....	125	00	do	Jos. Bouies.....	28	00
do 18...	Received from Pilot F. Dejordy, poundage, W. S. S. "Vandalia," up.....	2	22	do	Isele Beaudry.....	28	00
do 31...	Received from Collector of Customs, poundage for August.....	438	51	do	Sévère Belisle.....	28	00
Sept. ...	Received from Pilot F. Dejordy, poundage, W. S. S. "Vandalia," down.....	2	00	do	L. David Boullié.....	22	00
do 28...	Received from Pilot A. Lisé, poundage, H. M. S., "Canada," up.....	2	49	do	Moïse Biron.....	22	00
do 29...	Received from Collector of Customs, poundage, September.....	333	22	do	Alex. Trottier.....	28	00
Oct. 25...	Received from Pilot A. Lisé, poundage, H. M. S., "Canada," down.....	2	50	do	David Mathieu.....	28	00
do 31...	Received from Collector of Customs, poundage for October.....	330	52	do	Ed. Boudreau.....	28	00
Nov. 24...	Received Pilot L. M. Boullie, steamer "Montreal" 5 ^o of salary, 1882.....	50	00	do	Jos. Mathieu.....	28	00
do 30...	Received from Collector of Customs, poundage for November.....	155	91	do	Eusèbe Toupin.....	24	00
Dec. 17...	Received six months' interest on \$2,000, Water-works Bonds.....	60	00	do	Old Pilot Jos. L. Dusserau.....	50	00
do 31...	Received from City and Savings Bank, interest.....	136	87	do	B. M. Mathieu.....	50	00
				March 2...	Jos. Barnabédit Lafrénière 3 months' pension to Nov. 1st.....	50	00
				do 2...	do do do do Feb 1st.....	50	00
				May 1...	By paid the following pensions for three months ending 1st May:—		
				do	Widow Olivier Abelle.....	28	00
				do	Zéphirin Boudreau.....	28	00
				do	Thos. Dubord.....	24	00
				do	Hubert Lemal.....	28	00
				do	Jos. Lacoursière.....	24	00
				do	Pierre Pagé.....	28	00
				do	Léandre Mayrand.....	28	00
				do	Zéphirin Mayrand 6 months' pension to 1st May.....	56	00
				do	Old Pilot Onésime Naud.....	50	00
				do	Widow Félix Hamelin.....	28	00
				do	Eusèbe Toupin.....	24	00

do	8...	do	Olivier Raymond.....	28 00	
do	10...	do	Joseph Bouies.....	28 00	
do	14...	do	Isaie Beaudry.....	28 00	
		do	Sévère Belisle.....	28 00	
		do	Narcisse Bouillie.....	22 00	
		do	L. David Bouillie.....	24 00	
		do	Moise Biron.....	28 00	
		do	Alex. Trottier.....	28 00	
		do	David Mathieu.....	24 00	
		do	Ed. Boudreau.....	28 00	
		do	Old Pilot Jos. L. Dussereau.....	50 00	
		do	P. M. Mathieu.....	50 00	
		do	Jos. Barnabédit Lafrènière.....	50 00	
			By paid the following pensions for three months' ending 1st August:—		
Aug.	1...	Widow Olivier Abelle.....	28 00		
		do	Zéphirin Boudreau.....	28 00	
		do	Thos. Dubord.....	24 00	
		do	Hubert Lemai.....	28 00	
		do	Jos. Lacoursière.....	24 00	
		do	Félix Hamelin.....	28 00	
		do	Olivier Raymond.....	28 00	
		do	Zéphirin Mayrand.....	28 00	
Aug.	6...		By paid the following pensions for three months' ending 1st August:—		
		do	Old Pilot Onésime Naud.....	50 00	
		do	do	Placide Gaillardet, six months, to 1st August.....	100 00
		do	Widow Jos. Bouies.....	28 00	
		do	Isaie Beaudry.....	28 00	
		do	Sévère Belisle.....	28 00	
		do	Narcisse Bouillie.....	28 00	
		do	L. David Bouillie.....	22 00	
		do	Moise Biron.....	23 00	
		do	Alex. Trottier.....	28 00	
		do	David Mathieu.....	24 00	
		do	Ed. Boudreau.....	28 00	
		do	Heirs Joseph Mathieu, balance to 2nd April.....	19 50	
		do	Widow Eusèbe Toupin.....	24 00	
		do	Old Pilot Jos. L. Dussereau.....	50 00	
		do	P. M. Mathieu.....	50 00	
		do	Joseph Barnabédit Lafrènière.....	50 00	
		do	Widow Lcandre Mayrand.....	28 00	
		do	By paid <i>Gazette</i> , printing Due Forms.....	7 00	
		do	Mme. Ed. Naud, wife of Pilot Ed. Naud (insane), three months' pension, to 1st August.....	43 75	
		do	Heirs old Pilot H. Hamlin, pension to 2nd Oct.....	34 43	
Oct.	6...		Carried forward.....	2,450 68	

Carried forward..... 10,885 95

H. D. WHITNEY, Treasurer, in account with the Decayed Pilots Fund.

DR.

CR.

\$	cts.	1883.		2,450 68
10,885 95			Brought forward.....	
		Nov.	By paid the following pensions for three months ending 1st November:—	
			Widow Zéphirin Boudreau.....	28 00
			do Jos. Lacoursière.....	24 00
			do Olivier Abelle.....	28 00
			do Thos. Dubord.....	24 00
			do Hubert Lemal.....	28 00
			do Olivier Raymond.....	28 00
			do Felix Hamelin.....	28 00
		3...	Old Pilot Onésime Naud.....	50 00
		do	Widow Joseph Bouies.....	28 00
		do	do Isale Beaudry.....	28 00
		do	do Sévère Belisle.....	28 00
			do Narcisse Bouillie.....	28 00
		5...	do Louis D. Bouillie.....	22 00
		do	do Moise Biron.....	22 00
			do Alex. Trottier.....	28 00
			do David Mathieu.....	24 00
			do Ed. Boudreau.....	28 00
			do Eusebe Fompin.....	24 00
			do Léandre Mayrand.....	28 00
			do Zéphirin Mayrand.....	28 00
			Mme. Ed. Naud.....	43 75
			Old Pilot Jos. L. Dusseau.....	50 00
			do P. M. Mathieu.....	50 00
			do Jos. Barnabé dit Lafrenière.....	50 00
			do Placide Gaillardet.....	50 00
			do F. A. Mayrand, two months' pension to 1st November.....	33 33
			Balance carried forward.....	7,804 19
10,885 95			Total.....	10,885 95

H. D. WHITNEY, Treasurer, in account with the Decayed Pilots Fund—*Con.*

STATEMENT OF FUND, 1883.		\$	cts.
Montreal Harbour Bonds—6 per cent. interest		19,000	00
do do 6 do		5,000	00
Montreal Water Works Bonds—6 do		2,000	00
City of Montreal Consolidated Fund—5 per cent. interest		5,000	00
Cash in City and District Savings Bank—3 do	\$7,591 41		
On hand	12 78		
		7,604	19
		38,604	19

H. D. WHITNEY,
Treasurer.

MONTREAL, 31st December, 1883.

I hereby certify that I have examined the Statement of receipts and disbursements of the Treasurer of the "Montreal Decayed Pilots Fund," also the securities mentioned in the above Statement and the cash on hand, all of which I find to be correct.

ANDREW ALLAN,
Harbour Commissioner and Chairman Pilot Committee.

APPENDIX No. 35

TO THE SIXTEENTH ANNUAL REPORT OF THE DEPARTMENT OF
MARINE AND FISHERIES, BEING THE REPORT OF THE METEOR-
OLOGICAL SERVICE OF THE DOMINION, FOR THE CALENDAR
YEAR ENDED 31ST DECEMBER, 1883.

TORONTO, 1st January, 1884.

The Honorable

The Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith, the thirteenth Annual Report of the Meteorological Service, being that for the calendar year ended 31st December, 1883.

I have much pleasure in again reporting an increase in the number of our volunteer observers, the following gentlemen having, during the past year, undertaken to observe in connection with the service, without remuneration :—

Class I, a full set of instruments—

The Rev. Father Cloutier - - St. Boniface College, Winnipeg, Man.

Class II, rain and temperature, &c.—

J. W. Hickman, C.E. - - - - Spence's Bridges, B.C.

R. A. Begg - - - - - Alberta, N.W.T.

G. Fotheringham - - - - Grenfell, Assiniboia.

Agent C.P.R. - - - - - Broadview, N.W.T.

" " - - - - - Eagle River, N.W.T.

William M. Burke - - - - - Ingonish, N.S.

Class III, rain and snow—

M. McAllister - - - - - Hillside, Muskoka.

Hon. H. G. Joly - - - - - Point Planton, Quebec.

Three telegraph reporting stations have been added, viz :—Mr. L. Gordon, at Qu'Appelle, and Mr. John Ewart, at Medicine Hat, in the North-West Territories, which are of great value in the work of "fore-casting," and will be still more so, as the means of telegraphic transmission are perfected; also a station at Grand Manan, in the Bay of Fundy, has been organized, and is now reporting regularly. The station at Bird Rocks recommenced forwarding observations by telegraph, on the 2nd of August.

In connection with the Ontario Government Bureau of Industries, we have 69 additional stations for the observation of rainfall, and in Manitoba 38 stations, which are under the Department of Agriculture of that Province. An equipment for 2 temperature stations has been furnished to Mr. Acton Burrows, one of which has been placed at Sourisford, in Southwestern Manitoba, under the charge of Mr. Sherriff, of that place; the other equipment is in charge of Mr. A. G. Butcher of Russell, in the North West of the Province.

Twelve equipments for rain and temperature stations have been furnished to the Canadian Pacific Railway Company; these were placed at various stations along the line, the Company undertaking to get observations at the selected stations; of these, several have already commenced to send in returns, viz :—Broadview, Eagle River, Moose Jaw, and Brandon, and I trust that the rest will begin to report shortly.

On the paid staff, Captain Peele, of New Westminster, who had for some years taken observations as a volunteer, was appointed to take charge of a chief station in

British Columbia, to replace that which had been rendered vacant by the retirement of Mr. Murray, of Spence's Bridge.

I have to report the loss of the services of the following gentlemen: Professor Weldon, of Sackville, N.B., in consequence of whose departure the chief station at Sackville was discontinued. Professor W. R. Butler, of King's College, Windsor, N.S., who has found himself unable to continue the series of observations at that place, and Professor Crawford, at Prairie College, Rapid City, N.W.T., who was obliged to discontinue the series of observations being taken there, on account of the removal of the college to Winnipeg. I have also to report the loss of the services of Mr. G. Murdoch, at St. John, N.B., who for many years, had charge of the chief station there, and was much interested in meteorological work. In carrying out the consolidation of the meteorological and time observatories at various points, it was necessary to dispense with the services of one of the observers at St. John, and it was thought best to retain Mr. Hutchinson, who formerly had charge of the time observatory only, giving him the meteorological work as well; a considerable saving in expenditure was effected by this change.

On the first May last, Mr. E. Baynes Reed, of London, who had been taking observations as a volunteer observer, was placed on the list as a Telegraph Reporting observer (in reserve).

A valuable series of observations is now carried on at several of the light-houses in the Gulf of St. Lawrence, and some on the Nova Scotian coast, and a full set of instruments has been placed at Belle Isle, where observations will be of the greatest value in completing the weather maps, and thus assist in the study of the weather in the Gulf.

Before closing this portion of the Report, I wish to point out the great benefits which have arisen from the active co-operation of the Governments of the Province of Ontario, and of the Province of Manitoba, with this Department. The Ontario Government furnish first-class stations at ten of the high schools, paying the salaries of the observers, and in connection with the Bureau of Industries, we have upwards of 100 stations, taking observations of rainfall and snowfall.

In Manitoba, the Provincial Government provides two stations for observations of temperature and rainfall, and 39 stations for the observation of rain and snowfall.

I have to express my thanks to Mr. A. Blue, Secretary of the Board of Industries of Ontario, and to Mr. Acton Burrows, Deputy Minister of Agriculture of Manitoba, for their cordial co-operation and assistance.

I desire particularly to extend this system of co-operation, to the other Provinces, so that we may determine with accuracy the distribution of rain and snowfall, throughout the Dominion, this being the meteorological element a knowledge of which, more than perhaps any other, is of importance to the agricultural community; and which being so local in its distribution, requires for its proper determination a large number of observing stations.

STORM SIGNAL SERVICE.

No change has been made in the system of signals during the past year, nor have any additional storm signal stations been added.

Many special "forecasts" have been issued at the request of private individuals, and I have every reason to believe that the Captains of lake vessels, and those interested in shipping, fully appreciate the work of this office.

I have to draw your attention to the desirability of extending the Storm Signal service to Lake Superior. There are now large shipping interests at Port Arthur, and a storm signal should be erected there without delay. The establishment and maintenance of this signal, will involve a rather larger outlay than is ordinarily the case, but the importance of the work, now that reliable telegraphic communication can be had, fully justifies the undertaking.

Another storm signal station should be erected at Algoma Mills, which Port will hereafter be much frequented by shipping, it being one of the ports of the Canada Pacific Railway Co.

I have again to draw your attention to the desirability of establishing storm signals at points on the lakes, where they would be of use to passing vessels, or to those lying for shelter. On the Georgian Bay, I would name as suitable and desirable places, Cove Island Lighthouse, or Tobermory Harbour. Point Pelee Light and Long Point Light, on Lake Erie; and South Bay Point, and Presque Isle Point, on Lake Ontario. The points named above are places which vessels frequently make for shelter, and signals established there would be of the greatest advantage. Short telegraph lines would, in each case, have to be constructed, but the expenditure would be fully justified, more especially as near these places wrecks frequently occur, and there being no means of sending for help, much property is lost which might, with prompt assistance, have been saved, and it is worthy of recollection that if only one ship and cargo on the lakes were saved, which would otherwise have been lost, it would more than repay the country for the entire expenditure. When so much is being done in this direction, in the Gulf of St. Lawrence, and along the coast of the Maritime Provinces, the claims of the lake marine are worthy of your consideration.

I would again urge on your notice the desirability of making all coast telegraph stations, available as storm signal stations, this could be done at a very small cost, and the advantage to shipping, especially since the adoption of the new code, giving the direction, as well as the force of the expected gale, would be very great.

Two of the notable storms of this year have been those of the 29th October and 11th November.

REPORT ON STORMS OF DATES MENTIONED.

At 10.30, a.m., on the 29th October, storm signals for a heavy westerly gale were ordered up at all lake stations, and at the same time cautionary signals were ordered for an easterly blow in Eastern Canada. On the night of the 29th, a very heavy westerly gale set in over the lower lake region, which continued until November the 1st, at the same time the wind increased to a gale on the Bay of Fundy and in Nova Scotia, and a heavy gale from the eastward in the Gulf of St. Lawrence. From the reports of this storm the damage to shipping appears to have been very slight.

On the night of the 11th November, another furious gale passed over the country. We were only able to give eight hours' warning of this storm to western stations, but to all places in the east, ample warning was given.

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

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 1,064 predictions of direction, 892 or 83·8 per cent. have been fully verified, and 977 or 91·8 per cent. fully or partly verified.

PROBABILITY SERVICE.

The issue of the weather forecasts has continued uninterrupted throughout the year, the time of issue, as stated in my last report, having been changed to midnight, the forecast has been available for publication in the morning papers in Ontario, Quebec, and the Maritime Provinces.

I hope shortly to be in a position to issue forecasts for Manitoba and the North-West. These forecasts have for some time past been occasionally made, but as the telegraph service in the North-West was not as reliable as could be desired, the predictions were not published. The construction of the Canadian Pacific Railway telegraph line, and the repairing of the Government telegraph line place at my disposal the means of obtaining the observations regularly, which are necessary to make these forecasts accurate. I trust that such appropriations will be made, as will enable me to issue a daily forecast for Manitoba, and storm warnings for ports on Lake Superior. As formerly, special predictions have been made, whenever asked for, many of them extending over three or four days, which have been gratefully acknowledged by those for whose benefit they were issued.

The following table (No. II,) shows the number of predictions and percentage of fulfilment, in each district in each month, and in the whole year, which I am happy to say, exhibits a very satisfactory percentage of verification.

TABLE II.

NUMBER of Predictions and Percentage of fulfilment in each District, in each Month, and in the whole Year.

MONTH.	LOWER LAKE REGION.					UPPER ST. LAWRENCE.					LOWER ST. LAWRENCE.				
	Verified.					Verified.					Verified.				
	Number issued.	Number fully	Number partly	Number not	Percentage fully and partly	Number issued.	Number fully	Number partly	Number not	Percentage fully and partly	Number issued.	Number fully	Number partly	Number not	Percentage fully and partly
January.....	141	109	14	18	77.3	127	102	12	13	80.3	117	96	2	19	82.1
February.....	144	103	18	23	71.5	133	104	11	18	78.2	131	96	15	20	73.2
March.....	130	102	16	12	78.5	121	100	7	14	83.6	115	88	5	12	85.2
April.....	130	88	19	23	67.7	102	76	15	11	74.5	100	80	8	13	80.0
May.....	141	93	22	26	66.0	130	91	21	18	70.0	127	87	21	19	68.5
June.....	139	102	23	14	73.4	121	104	12	5	86.0	112	92	9	11	82.1
July.....	136	94	25	17	69.1	129	95	15	19	73.6	132	86	20	26	65.2
August.....	135	112	12	11	83.0	131	107	20	4	81.7	132	105	11	16	79.6
September.....	130	107	13	10	82.3	116	90	13	13	77.6	114	88	14	12	77.2
October.....	136	103	20	13	75.7	126	96	19	11	76.2	125	99	13	13	79.2
November.....	142	102	19	21	71.8	127	97	16	14	76.4	121	83	25	13	68.6
December.....	156	120	14	22	76.9	140	109	19	12	77.9	134	97	12	25	72.4
For Year.....	1,600	1,235	215	210	74.4	1,503	1,171	180	152	77.9	1,480	1,107	155	198	75.8
					87.3					89.9					86.4

TABLE II—Concluded.

NUMBER of Predictions and Percentage of fulfilment in each District, in each Month, and in the whole Year—Con.

MONTH.	GULF.						MARITIME.						TOTAL.					
	Verified.						Verified.						Verified.					
	Number issued.	Number fully	Number partly	Number not	Percentage fully	Percentage fully and partly	Number issued.	Number fully	Number partly	Number not	Percentage fully	Percentage fully and partly	Number issued.	Number fully	Number partly	Number not	Percentage fully	Percentage fully and partly
January.....	116	89	18	9	76.7	92.2	119	93	13	13	78.2	89.1	620	439	59	72	78.4	88.4
February.....	132	89	15	28	67.4	78.8	130	85	17	28	65.4	78.5	670	477	76	117	71.2	82.5
March.....	123	97	12	14	78.9	88.6	131	101	14	16	77.1	87.8	620	498	54	68	80.3	89.0
April.....	100	80	11	9	80.0	91.0	100	70	19	11	70.0	89.0	532	394	72	68	74.1	87.6
May.....	123	91	15	17	74.0	86.2	126	84	12	30	66.7	76.2	647	446	91	110	68.9	83.0
June.....	116	93	14	9	80.2	92.2	120	100	17	3	83.3	98.3	608	491	75	43	80.8	93.2
July.....	126	86	19	21	68.3	83.3	132	96	20	16	72.7	87.9	655	457	99	99	69.8	84.9
August.....	129	102	14	13	79.1	89.9	131	106	9	16	80.9	87.8	658	532	66	60	80.9	90.9
September.....	110	87	12	11	79.1	90.0	105	88	12	8	81.0	92.4	575	457	64	54	79.1	90.6
October.....	128	102	19	7	79.7	94.5	127	98	20	9	77.2	92.9	642	498	91	53	77.6	91.7
November.....	112	82	11	19	73.2	83.0	111	85	10	16	76.6	85.6	613	449	81	83	73.2	86.5
December.....	120	89	18	22	66.7	81.7	129	90	18	21	69.8	83.7	679	496	81	102	73.0	83.5
For Year.....	1,435	1,078	178	179	75.1	87.5	1,461	1,093	181	187	74.8	87.2	7,519	5,684	909	926	75.6	87.7

 TELEGRAPH SIGNAL SERVICE.

In my last report I urged the advisability of increasing the number of reporting telegraph stations in the North-West, so that we might obtain the data necessary to successfully forecast storms on Lake Superior, and issue daily probabilities for Manitoba, and requested a small addition to the grant made by Parliament for the support of this service, to enable me to do so. Parliament having granted the increase, I instructed Lieut. Gordon, the Deputy Superintendent, and Mr. Payne, one of the inspectors, to proceed to the North-West, to inspect existing stations, and to ascertain and report upon the facilities for obtaining the additional stations required. These gentlemen were also to take observations of the various magnetic elements at different points in the North-West. On his return, Lieut. Gordon reported to me fully in writing on the question of the establishment of stations in the North-West Territories, and I have already transmitted to the Department, for your information, a copy of his report. I trust that permission may be granted me to establish the stations necessary for making predictions for Manitoba and Lake Superior, all preliminary arrangements having now been completed.

CENTRAL OFFICE.

No change has taken place in the organization of the Staff here during the past year, but I desire to again draw your attention to the desirability of giving permanence to the appointments of the members of the Staff, by placing them on the Civil Service List, and further I desire to point out, that the salaries paid to the officers of the Staff are altogether inadequate; much of the work is of a nature which requires special abilities and attainments for its successful accomplishment, and I submit, for your consideration, whether the salaries of these gentlemen should not be more in accord with the requirements from them; especially in view of the fact, that the hours of work of many of them, are long and exceptionally inconvenient. I cannot put the case more strongly than by pointing out, that the highest salary paid to any officer under me is \$1,200 per annum, a sum much less than that received by many book-keepers and accountants in commercial life.

TIME SERVICE.

During the past year the general superintendence of the Time Service, at Quebec and St. John, N.B., has been given to me, and I append hereto the reports of the observers at these places (Appendices A. and B). In my report as Director of the observatory, will be found the system which has been adopted in regard to checking the work done at these observatories, which, I am happy to be able to state, has been found to work most satisfactorily.

CHIEF SIGNAL OFFICE, U. S.

To Major-General Hazen, U. S. A., Chief Signal Officer, I have again to express my thanks for his continued courtesy, in placing at my disposal the telegraphic reports of observations taken at signal stations of the U. S. Army.

VOLUNTEER OBSERVERS.

To the volunteer observers throughout Canada who take observations in connection with this service, I have also to express my thanks, and the country is to be congratulated in having so many public spirited citizens, who are willing to give their time and energies, without remuneration, in order that they may assist in the work of determining with accuracy, the climate of our Dominion.

G. N.W. TELEGRAPH COMPANY.

I have also to acknowledge the liberal terms which the telegraph company concede to this service, the prompt and efficient manner in which the telegraph work is performed, contributing greatly to the success of the forecasts.

All of which is respectfully submitted,

CHARLES CARPMAEL,
Superintendent.

APPENDIX "A."

THE CITADEL, QUEBEC, 12th December, 1883.

SIR,—I have the honour to submit a report of the Quebec Observatory from the 1st of May last, when I assumed the duties of Director.

On the 25th of April last, Lieut. Gordon, R.N., arrived in Quebec, for the purpose of transferring clocks, instruments, &c., from the observatory at Captain Ashe's residence, to the Citadel Observatory.

Some repairs were found necessary on the frame of the time-ball tower. After the work was commenced, they were found more extensive than at first supposed; a staging had to be built, and owing to the exposed position and high easterly winds that prevailed at that time of year, men were prevented working regularly; also material had to be sent for to Montreal, which considerably delayed the work.

The time-ball was re-covered and painted, and everything made ready for dropping ball on the 20th of May. This was successfully done. A delay was caused for a few days, by a part of the gear breaking, but I am able to say with much satisfaction, that from the 1st of June until the close of navigation (November 26th), the ball dropped accurately and regularly, with the exception of four times, owing to the hoisting chain breaking. The ball now drops instantaneously, a change having been made in the method of releasing it.

The Quebec fire department have run a wire to the observatory, and I now ring the city bells at 1 p.m. daily, with as much accuracy as I drop the ball.

I have also run a wire from the Observatory to the noon gun on the King's Bastion, and, by the kindness of the officials of the local office of the G. N. W. Telegraph Company, who allow me the use of a powerful battery at noon daily, I am able to fire the gun by electricity, which greatly increases its accuracy.

I am pleased to hear from you, Sir, that my time on the several exchanges has been so accurate.

The clocks have been running well, partly, no doubt, owing to the unusual thickness of the observatory walls, which allows of no sudden change of temperature.

All the meteorological instruments have been concentrated in the observatory, which greatly adds to the facility of observing. Observations in this branch are taken and reported on by Sergt.-Major Walters, "A" Battery, the Assistant Observer.

Bi-hourly observations are taken of the temperature and general cast of the weather, in addition, under my direction, by the non-commissioned officers in charge of the Main Gate guard. These are most useful, as items of interest are recorded when the majority of observers have retired.

Standard time was successfully adopted in the city on the 18th of November, and, owing to the uniformity, much benefit has been derived.

There are some changes and repairs necessary in the observatory, plans and estimates of which I will forward for your consideration.

I have also much pleasure in recording, for your information, the able assistance rendered me in all matters, by Sergt.-Major Walters, the Assistant Observer.

I have the honour to be, Sir,
Your obedient servant,

C. W. DRURY, Captain "A" Battery,
Director Quebec Observatory.

To the Superintendent
Meteorological Service, Toronto.

APPENDIX "B."

THE OBSERVATORY,
ST. JOHN, N.B., 1st December, 1883.

SIR,—I have the honour to submit the following report of this observatory:—

The duties of this observatory previous to the 1st of July last, consisted principally in giving the time to the shipping in this port by means of a time ball which has been regularly dropped every day (Sundays excepted) during the past year, and from its prominent position on the northern tower of the Custom House can be seen from every part of the harbour and its surroundings, thus giving ship masters an excellent opportunity to adjust their chronometers, as well as furnishing a standard time for the city.

The time is determined by astronomical observations, with a transit instrument, at every available opportunity, and comparisons made with chronometers, and standard mean time clock in the observatory.

On the 1st July last, this observatory was transferred to the Meteorological Department, and was supplied with a set of meteorological instruments, which are read six times during the twenty-four hours, at regular intervals of four hours, and reports sent to office in Toronto. The observatory has also been furnished with telegraph instruments, connected by a loop line through the Western Union Telegraph Company's office, which are used for exchanging time with Toronto, direct from the observatory, and may also be used in transmitting correct time to any part of the Provinces, having telegraphic communication with this city.

It is necessary that this observatory be supplied with a sidereal clock, and I would also recommend that the ball be dropped by electricity, direct from the clock room, as under the present arrangement, a chronometer has to be carried up stairs to the tower to do this work.

I have requested that a suitable room be fitted up and furnished for the use of this observatory, as the one now used is in a very rough and unfinished state, and is entirely unsuitable for the work now carried on.

I have the honor to be, Sir,
Your obedient servant,

GEORGE HUTCHINSON,
Director.

CHARLES CARPMAEL, Esq., M.A.,
Superintendent, Meteorological Service,
Dominion of Canada.

APPENDIX No. 36

TO THE SIXTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING THE REPORT ON THE MAGNETIC OBSERVATORY, TORONTO, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.

TORONTO, January 1st, 1884.

The Honorable A. W. McLELAN,
Minister Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit herewith my Annual Report for the year ended 31st December, 1883:—

Up to September 1st, a system of observations in connection with the International series has been regularly carried out, and since that date the ordinary routine observations have been carried on as formerly. We have thus completed thirteen months of special observations, from 1st August, 1882, to 1st September, 1883, during the whole of which period, the additional work which necessarily fell upon the members of the staff, was most cheerfully performed. A large amount of work has yet to be done in the reductions of these observations, but I hope to have everything completed by the time they are required by the International Committee.

In recognition of the part taken by Canada in furthering the work of the International Polar Commission, I have been elected a member of the Commission and have been invited to attend a meeting to be held in Vienna during 1884, to consider the plan to be adopted for publishing the observations, and to arrange all matters pertaining to the final reductions and discussion of results.

In my last report I mentioned that Capt. Dawson, R.A., and party, forming the Anglo-Canadian expedition, had gone to Fort Rae, where they established an observatory, and carried out the pre-arranged series of observations, on the completion of which they left Fort Rae, and finally sailed from Quebec for England, on the 10th November last.

It gives me much pleasure to report that the British Meteorological Office have, with their accustomed liberality, instructed Capt. Dawson to leave behind him, for the use of this service, a large number of meteorological instruments. The value of this gift is greatly enhanced by the fact that the instruments are left up at Fort Rae, and I hope to be able to place them in the hands of persons who will undertake the work of observing for us, in the more remote parts of the North-West Territories.

The self-recording, photographic magnetometers have been continued in operation throughout the year, as have also the barograph and thermograph, so that the magnetic and meteorological elements are now regularly and automatically recorded at this observatory. I regard these continuous records as of the utmost importance in the solution of the question as to the relation between meteorological and magnetic phenomena, and so important are these continuous records considered, that a magnetic observatory, equipped with photographic recording apparatus, has lately been started in connection with the United States Signal Service and Geodetic Survey at Los Angeles, in California, and the English Government have established a similar observatory at Hong Kong.

TIME SERVICE.

During the past year the daily time signal has been given, as formerly, in the City of Toronto, by striking all the fire alarm bells at 11.55 a.m. and the general

superintendence of the time service at Quebec and St. John having been given to me, I have made arrangements with the Telegraph Company for the use of their wires for the purpose of exchanging time with these observatories, thus enabling us to check the accuracy of the work; at Quebec the error has rarely exceeded one second, and the time given there may be relied on by vessel Captains for rating their chronometers.

At St. John the error has occasionally been much larger than was desirable, but this is more due to the imperfect appliances in use at the observatory than to the lack of skill on the part of the observer. The frequent interchange of time signals prevents any large accumulation of error, and I am of the opinion that this system might be beneficially extended at a comparatively small cost to the country, so that all seaports might have time signals by which the captains of vessels might rate their chronometers before proceeding on a voyage.

In this connection, I have the honour to report, that the Corporation of the City of London, Ontario, have, in order to avail themselves of the distribution of correct time from this office, erected on the top of their City Hall a time ball signal; they have made arrangements with the Telegraph Company for the use of the wires daily, and the ball has been dropped at noon of standard time, 75th meridian, every day, except Sundays and statutory holidays, without a failure of any kind, since the signal apparatus was got in working order. This giving of time creates no new charge on the observatory, all expenses being borne by the city or town where the signal may be erected, and any other town in Ontario may avail itself of this free distribution of time, provided always, that the apparatus to be employed be constructed under the inspection of this office, and that arrangements are made with the Telegraph Company for the time service and necessary messages.

All of which is respectfully submitted,

CHARLES CARPMAEL,
Director.

APPENDIX No. 37

TO THE SIXTEENTH 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 31st DECEMBER, 1883.

Hon. Minister of Marine and Fisheries,
Ottawa.

MCGILL COLLEGE OBSERVATORY,
MONTREAL, 2nd January, 1884.

SIR,—In accordance with your request, I have the honour to report on the work done by the McGill College Observatory during the year ending December 31st, 1883.

The work in connection with the Canadian system of meteorological observations has been conducted throughout the year with the usual regularity, and the results obtained here have been published in the usual way. A summary of these results for the year is presented herewith.

The time service of the observatory has received most careful attention. Observations for the determination of clock errors have been made on nearly every clear night throughout the year. The noon time-ball has been dropped on each day during the season of navigation, with the exception of about eight days, when it failed, owing to line interruptions. I hope before next season to be able to improve the method of dropping the ball, so as to prevent the possibility of failure.

The importance of thorough accuracy in a time service for the use of the large number of ocean ships visiting the port of Montreal cannot be over-estimated, and regularity in the service is almost equally essential. Time has been given to the city, through the fire alarm department, as during the past four years, and also by a special service similar to that in the large cities of the United States. This service will be automatic and continuous, and transmitted entirely by insulated wires after this date. The Great North-Western Telegraph Company has distributed our time signals to the railways and adjacent towns once each day throughout the year.

The Blackman transit instrument has been re-modelled by Mr. Bellon, of Boston, under the superintendence of Professor W. A. Rogers, of the Harvard College Observatory, and is now an instrument of the highest excellence. The old striding level has been replaced by a new one, with a "protected bubble," made by the Messrs. Fauth, of Washington.

A chronograph of the tape form has been obtained from Messrs. T. Cooke & Sons, York, England, but is not at present in use, as the makers are to replace it by a cylinder instrument of their construction.

The determination of the difference of longitude between this observatory and the Harvard College Observatory, which is the base station for America, referred to in my report of last year, has been carried out, but the reduction of the work, although far advanced, is not yet completed. The work was done by Professor W. A. Rogers and myself, with the assistance at Montreal of Mr. G. H. Chandler, M.A., and of Mr. J. Raynor Edmonds, assistant in charge of time, at Cambridge. Telegraphic exchanges of clock signals and observations for determination of clock errors, both before and after exchange, were made on six nights, and a complete time determination for personal equation was made by both observers on two nights at

Montreal, and on two nights at Cambridge. On the first three nights of clock exchange, Professor Rogers observed at Cambridge, while I observed here. This being completed, and the personal equation determination being made at Montreal, I went to Cambridge and observed there, while Professor Rodgers observed at Montreal; further observations for personal equation being subsequently made at Cambridge. The instruments used at Montreal were the Blackman transit, the meantime clock by Harvard, and an Harkness control cylinder chronograph, kindly loaned for the purpose by Admiral Shufeldt, Superintendent of the United States Naval Observatory. The instruments used at Cambridge were the "Russian transit" (four inch objective), a Frodsham sidereal clock, No. 1,327, and a Bond chronograph. This determination will give the longitude of the observatory with the greatest available accuracy, and will thus form a Canadian base station. The observatory, and through it, all persons in Canada, who are interested in astronomical or geodetic work or navigation, are under great obligations to Professor Pickering, Superintendent of the Harvard College Observatory, for having given every facility in carrying out this important work, and to Professor Rogers, who has given so much of his valuable time to the prosecution thereof. It is also right that I should state that half the expense of the work has been borne by the Harvard College Observatory.

The data for determining the difference of longitude between Montreal and Toronto have been obtained by observation and clock exchange, in a manner precisely similar to the Cambridge-Montreal determination. In this work Mr. Charles Carpmael, F.R.A.S., Superintendent of the Meteorological Service, was associated with me. Simultaneously with the Montreal and Toronto observations, data for the determination of the position of Cobourg in longitude were obtained by observations made there by Mr. G. H. Chandler, of this observatory; and the exchange of clock signals with the Toronto Observatory.

I have pleasure in reporting that the Governors of the College have appointed Mr. G. H. Chandler, M.A., who has done much valuable work in the observatory in the past, to the position of Assistant Superintendent.

I am, Sir,

Your most obedient servant,

C. H. McLEOD.

YEARLY ABSTRACT
OF METEOROLOGICAL OBSERVATIONS, MCGILL COLLEGE

Month.	Thermometers.				* Barometer.				† Mean pressure of vapour.	‡ Mean Relative humidity.
	Mean.	Max.	Min.	Mean daily range.	Mean.	Max.	Max.	Mean Daily range.		
January	5·67	39·0	20·4	18·52	30·1917	30·649	29·272	·3473	·0545	83·01
February	13·61	44·1	12·1	16·78	30·1716	30·755	39·527	·3638	·0710	77·90
March	16·68	43·0	9·8	19·65	29·9123	30·439	29·038	·3215	·0762	72·64
April	37·22	62·8	†11·1	14·82	29·9555	30·440	29·602	·1992	·1453	64·40
May.....	50·13	81·5	32·8	16·72	29·9277	30·301	29·494	·2008	·2428	70·83
June.....	65·82	84·0	46·0	16·85	29·8705	30·448	29·326	·1512	·4640	72·39
July.....	67·33	82·8	47·8	16·93	29·8798	30·161	29·594	·1121	·4860	72·35
August.....	66·37	85·8	45·5	16·68	29·9610	30·343	29·596	·1263	·4564	70·30
September.....	56·30	78·9	35·8	17·40	30·2977	30·461	28·971	·2186	·3348	72·70
October.....	43·78	68·8	24·3	13·43	30·1221	30·730	29·013	·1974	·2233	74·21
November.....	33·91	66·9	4·9	12·96	39·9978	30·566	29·349	·2995	·1608	75·88
December.....	16·61	48·1	19·4	17·24	30·0308	30·789	29·232	·2961	·0910	83·32
Means for 1883	39·452			16·498	30·0265				·23384	74·162
Means for nine years ending 31st Dec., 1883.....	42·162				29·9757				·25244	73·991

* Barometer reading reduced to 32° Fahr. and to Sea Level. † Inches of mercury. ‡ Relative, beginning with 3.13 a.m.

The greatest heat was 85°·8 on August 22nd; greatest cold was 20°·4 below zero on January 6th; one day was 45° on January 13th; least range was 2°·8 on May 22nd; the warmest day was July 5th; the mean temperature being 15°·65' below zero. Highest barometer reading was 30·789 on December year. The lowest relative humidity was 28 on May 18th and 19th. The greatest mileage of wind 18th. The sleighing of the winter closed on April 6th. The first snow of the autumn fell on November arrived in port on April 27th. Ferries began running on April 28th. Navigation opened May 4th. 14 nights. Solar halos on 3 days. Hoar frost on 24 days. Fogs on 10 days. Thunder storms on 16

FOR 1883.

OBSERVATORY, MONTREAL, CANADA—Height above sea level, 187 feet.

Wind.		Sky clouded per cent.	Sunshine per cent.	Inches of rain.	Number of days on which rain fell.	Inches of snow.	Number of days on which snow fell.	Number of days on which rain or snow fell.	Number of days on which rain and snow fell.	Inches of rain and snow melted.	Month.
Mean direction.	Mean velocity in miles, per hour										
S.W. by S	11·63	54·7	42·5	0·34	3	20·0	16	2	17	2·31	...January.
W. by S.	12·61	54·4	48·0	0·51	4	17·2	16	2	18	2·80	...February.
W.S.W.	12·72	49·6	52·0	0·04	2	35·5	15	2	15	3·30	...March.
W.	11·18	60·9	60·0	0·84	10	6·7	7	2	12	1·48	...April.
W.N.W.	12·02	73·3	45·0	6·94	20	snapp	2	0	22	6·94	...May.
S.W.byW.	9·82	52·3	54·0	3·45	19	do	0	0	19	3·45	...June.
W.S.W.	7·91	46·9	62·2	4·72	18	do	0	0	18	4·72	...July.
S.W.byW.	9·45	44·7	61·4	1·60	13	do	0	0	13	1·60	...August.
W.S.W.	8·34	48·6	60·5	3·57	15	do	0	0	15	3·57	...September.
N.W.byN.	8·53	61·0	41·5	2·49	14	do	0	0	14	2·49	...October.
S.W.byW.	11·90	71·6	24·7	2·05	14	12·1	8	1	21	3·17	...November.
S.W.	12·69	68·0	27·3	1·03	6	25·5	17	3	20	3·64	...December.
W.S.W.	10·733	57·17	48·31	.....	.....	.....	.....	.....	.....	.....	... Means for 1883.
W. by S	11·018	60·94	.....	27·10	137·1	114·1	84·8	15·8	205·7	38·59	Means for nine years ending 31st Dec. 1883.

saturation being 100. The monthly means are derived from observations taken every fourth hour

extreme range of temperature for the year was therefore 106°·2; greatest range of the thermometer in the mean temperature (from maximum and minimum) being 76° 15'; the coldest day was January 5th, 23rd; lowest barometer reading was 28·971 on September 25th, giving a range of 1·818 inches for the recorded in one hour was 45 on January 21st, greatest velocity in gusts was 60 miles per hour on January 12th, but was inappreciable, the first appreciable snow fell on November 13th. The first river craft Auroras were observed on 39 nights. Lunar coronas were observed on three nights. Lunar halos on days, and lightning without thunder on 2 days. Brilliant red sky on 6 days.

C. H. McLEOD,
Superintendent.

APPENDIX No. 38

TO THE SIXTEENTH 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, 1883.

KINGSTON OBSERVATORY,

1st January, 1884.

SIR,—I have the honour to transmit to you, for the information of the Minister of Marine and Fisheries, the following Report of the Kingston Observatory.

The usual observations have been regularly made whenever the weather permitted, during the past year. A meridian mark has been fixed on the north, and a more distant one to the south, on Wolfe Island, will be adjusted during this winter. A standard meantime clock is much needed, and I am encouraged to hope, from promises which I have already received from friends to the observatory, that this accompaniment to the sidereal clock will soon be added. A full report of the observations of the Transit of Venus made here, has been forwarded to the Royal Astronomical Society, which has continued to us the loan of the Beaufoy transit. The Report has also been transmitted to the Superintendent of the Meteorological Office, Toronto.

I am, Sir,

Your most obedient servant,

JAS. WILLIAMSON,

Director of Observatory.

WILLIAM SMITH, Esq.,

Deputy Minister of Marine and Fisheries,
Ottawa.

SUPPLEMENT No. 1

TO THE

**SIXTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE
AND FISHERIES BEING FOR THE FISCAL YEAR
ENDED 30TH JUNE, 1883.**

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

31ST DAY OF DECEMBER, 1883

PRINTED BY ORDER OF PARLIAMENT.

**OTTAWA:****PRINTED BY MACLEAN, ROGER, & CO., WELLINGTON STREET.****1884.**

SUPPLEMENT No. 1.

The Hon.^d A. W. McLELAN, M.P.,

Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith Supplement No. 1 to the Sixteenth Annual Report of the Department of Marine and Fisheries, being for the year 1883, 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 of the Minister of Marine and Fisheries.

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APPENDIX No. I

BOARD OF STEAMBOAT INSPECTION,
CHAIRMAN'S OFFICE, TORONTO, 1st January, 1884.

SIR,—I beg leave to submit herewith my Annual Report for the year ended the 31st December, 1883—

Under the provisions of the consolidated and revised Steamboat Inspection Act of 1882, three Inspectors of hulls and equipment of steamboats were appointed in April last:—

Captain Thomas Harbottle, of Toronto, for the Province of Ontario.

Mr. Pierre Brunelle, of Point Lévis, for the Province of Quebec.

Mr. C. R. Coker, of St. John, N. B., for the Provinces of New Brunswick, Nova Scotia, and Prince Edward Island.

Captain M. P. McElhinney, of the Marine Department, Ottawa, to be employed in like manner as occasion may require.

Captain Thomas F. Taylor, of Kingston, Ontario, was also appointed in May as Inspector of hulls, temporarily, for the Province of Ontario.

Mr. Edward Vigor was also appointed in June, as Inspector of boilers and machinery, for the Province of Ontario, temporarily.

Owing to the superannuation of Mr. Joseph Taylor, of Kingston, Engine Inspector, Mr. Edward Adams, of that place, was appointed in his stead.

As far as time would allow, the inspection of steamers in Manitoba were made by my assistant, Mr. Meneilley. I am glad to be informed that the former Inspector for that district, Mr. Edmund Abell, has been re-appointed to that and the district of Keewatin.

Board Meetings.

Several meetings of the Board, composed of a quorum only, have been convened during the year, here and at Montreal, for the examination of candidates for the office of inspector, both in the Upper and Lower Provinces, and also to examine the papers from candidates for that position in British Columbia. None of the candidates passed.

Annual Board Meeting.

The annual meeting of the Board was this year convened at Ottawa, in place of Montreal, as formerly. There were present:—

Mr. Adams, from Kingston,

Mr. Burgess, Montreal,

Mr. Samson, Quebec,

Mr. Wm. M. Smith, St. John, N. B.,

Mr. Brunelle, Montreal.

Mr. C. R. Coker, St. John, N. B.,

And the Chairman.

Rules and regulations for the guidance of members of the Board during its sittings were passed. The Steamboat Inspection Act of 1882 was read over, section by section, carefully considered, and such rules adopted as were deemed necessary for the uniform inspection of steamers.

Reference was made to the minutes of previous meeting, at which the Chairman was requested to prepare rules and regulations in accordance with the Imperial

Board of Trade rules, relating to steamboat boilers, which have since been passed by the Governor in Council, and embodied in the late reprint of the Steamboat Inspection Act.

Interpretation Clauses.

Referring to the extent and application of the Act of 1882, bearing upon the previous Acts, the Chairman read the opinion of the law officer of the Crown in respect to section 2, as follows: "I think that the provisions of the Steamboat Inspection Act of 1832 supersedes any provisions of the former Acts, which are not consistent with it or contrary to it."

Referring to Act 40 Vic., chap. 19, the Minister of Justice is of opinion that, as it did not apply to the Steamboat Act of 1877, it does not apply to that of 1882, which supersedes that of 1877.

That steam vessels registered before 1877 will be rated, in respect to their equipment, to their then registered tonnage.

Rules for the Guidance of Inspectors.

Referring to sub-section 12, section 17, it was decided that when angle iron or bars are used for the support of the furnace crown of a boiler, that they shall extend to and rest upon the side walls or ends of the furnace.

Reduction of the pressure in the boiler when the engine is not working.—It is ruled that the pressure shall be kept down by opening the safety valves to at least ten per cent below the working pressure.

That the keys of the locked safety valves be left in charge of the master of the vessel, whose duty it is to see that the engineer has access to them when the steam is not up.

Rules and Regulations to be submitted for Approval of Council.

Life-boats.—That the length of a keel of a 22-foot life-boat be assumed as 2 feet less than the length of the boat from inside of stem to outside of stern post, at top of gunwale.

That the length of the keel of an 18-foot boat be assumed as 18 inches less than the length of the boat between the points named in the 22-foot boat. These rules to apply to new life-boats only.

Life-preservers.—That life preservers, having the required buoyancy of 16 pounds, equal to sustaining 23 pounds of cast-iron when immersed in the water, be passed, irrespective of the weight of cork they contain.

In connection with the foregoing, Inspectors are to recommend, with the approval of the owners, the substitution of life-preservers, in room of the wooden floats provided for by the Act.

Engineers holding first-class certificates previous to the Act of 1882, shall be eligible for renewal of their certificates on examination and payment of the fee, on proof of good conduct, competency and experience, and knowledge in the duties of that station.

Rules regulating the number of passengers to be carried on steamboats are to be fixed by a factor of safety which is in no case to be exceeded, whereby a greater number than the product of the factor into the length multiplied by the breadth of the vessel at the water line. But if the inspector is of opinion that the vessel, from age, unseaworthiness, unfitness, or any other cause deemed sufficient to endanger her safety, he may cut down the number of passengers so allowed to what he may consider a safe number.

Classification.

1. For ocean steamer the factor to be 10.
2. For ocean coasting the factor to be 10.

3. For steamers navigating the great lakes, 9.
4. For lake coasting, harbour, river, ferry and excursion steamers, 6.
5. For excursion steamers carrying passengers within the hold of the vessel, the limit may be at the discretion of the inspector inspecting the vessel, but in no case shall it exceed as many as can find convenient room.

Rudder Tillers.

That all passenger steamboats, navigating the ocean, the great lakes and coasts of the Dominion, be provided, as an additional precaution for safety, with rudder tillers.

Engineers holding First-class Certificates prior to the Act of 1882.

That engineers possessing first-class certificates, previous to the consolidation of the Act in 1882, shall be considered eligible for the renewal of their certificates, on examination and payment of the fee, on proof of good conduct, competency and experience in the knowledge and duties of that station.

That the next annual meeting of the Board shall be held at Ottawa, the 17th of October next.

Proposed Amendments to the Act.

It is recommended by the Board that the Act be amended so as to relieve the Engine Inspectors from certifying to the Hull Inspector's certificate of inspection as being "true and correct," as required by Section 16 of the Act.

It is also recommended by the Board that the Act be amended in view of substituting a life-raft of equal capacity, for one of the life-boats required by Section 27 of Act.

Steamboat Disasters Involving Loss of Life.

Again it is my painful duty to record the loss of life by steamboat disasters on Georgian Bay and Lake Huron waters. The "Erie Belle," a tug belonging to Windsor, Ontario, by the explosion of her boiler, while engaged in hauling off the schooner "J. W. Carter," aground below Kincardine, on Lake Huron. The tug "Eclipse" by foundering while on her way from Algoma Mills to Sarnia, off Pine Tree Harbour. Both disasters occurred on the 21st November. The loss of life by the explosion of the "Erie Belle's" boiler was four persons; by the foundering of the "Eclipse," all hands on board were lost, seven in number. No information has yet reached me as to who is responsible or can be made responsible in these cases. The boiler of the "Erie Belle" was old, and the steam pressure had been cut down to a limit which would render the vessel next to useless as a relief tug, the work she was at when the boiler gave way. Whether the safety valves on the boiler had been tampered with and a higher pressure carried on the boiler than that at which they were locked down, will, I presume, be a subject of enquiry when the vessel is raised from where she went down at the explosion. The boiler was in charge of an unlicensed engineer.

The "Eclipse" was built at Hamilton in 1878, for an excursion boat on Burlington Bay. She was a slight craft and quite crank, and when stiffened by false sides was only fit for river or ferry service. She was taken to Sarnia in 1881, and ran there as a tug and ferry until bought by the Canadian Pacific Railway Company as a supply boat to the camps between Algoma Mills and Spanish River. As a tug, the vessel did not come under the operation of the Steamboat Inspection Act, further than the inspection of her boiler.

Casualty returns from the Hull and Engine Inspectors are herewith appended. No loss of life is reported in connection with them.

Revenue Returns.

It will be seen that there is a slight falling off in the revenue for the year, the reduction being in the amount of the fees received from engineers. This was anticipated from the operations of the Act of 1882, cutting off the licenses of assistant engineers and reducing the grade from six to three.

West Ontario, Huron and Superior Division.	\$3,072 23
East Ontario Division	1,063 48
Montreal "	1,967 24
Quebec "	2,095 44
Maritime Provinces "	1,371 14
Manitoba "	332 46
British Columbia "	766 70
Engineers' Fees.....	2,345 00
Total	\$13,013 69

I have the honour to be, Sir,

Your most obedient servant,

SAMUEL RISLEY,

Chairman of the Board of Steamboat Inspection.

Honorable A. W. McLELAN,
Minister of Marine and Fisheries.
Ottawa.

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.
Allan, Bradford.....	3	5	Cameron, Angus A.....	3	5
Allison, James L.....	3	5	Carl, Neil A.....	3	5
Arcand, John.....	2	5	Corrin, Charles.....	3	5
Bampton, James.....	3	5	Corrin, John F.....	3	5
Brackenridge, J. A.....	2	5	Carr, P. J.....	3	5
Burrows, Charles.....	3	5	Cockburn, John.....	2	5
Blondin, Moses.....	2	5	Cochran, George.....	3	5
Boyd, David.....	3	5	Chesnut, James.....	2	5
Boswell, W. F.....	3	5	Couture, Lewis.....	3	5
Breakwell, Wm.....	2	5	Cameron, A. J.....	2	5
Brown, George, No. 3.....	3	5	Cofford, J. C.....	3	5
Brown, George, No. 1.....	3	5	Carrick, John.....	2	5
Bampton, Wm.....	3	5	Cragen, James.....	2	5
Belson, Wm.....	2	5	Cunningham, Wm. H.....	2	5
Bell, James.....	3	5	Cork, Alexander.....	3	5
Bradshaw, Wm.....	3	5	Crawford, Wm.....	3	5
Boufort, Xavier.....	3	5	Crawford, George.....	2	5
Bellefeuille, Clovis.....	3	5	Crossland, James.....	2	5
Black, Wm. A.....	2	5	Goulson, George W.....	3	5
Beaudreau, Gilbert.....	3	5	Charbonneau, Alfred.....	2	5
Burrows, George.....	3	5	Côté, Thos. B.....	3	5
Bell, David.....	3	5	Caldwell, James.....	3	5
Booth, John.....	2	5	Catline, M. H.....	2	5
Barlow, Thomas.....	2	5	Cook, Richard.....	3	5
Brown, James, No. 3.....	3	5	Cornish, F. W.....	2	5
Beaucage, Elie.....	3	5	Costin, Frederick.....	3	5
Bourke, Michael.....	3	5	Côté, Augustin.....	3	5
Bothwell, George.....	3	5	Crawford, Elijah.....	3	5
Batte, George.....	3	5	Cunningham, W. A.....	2	5
Bérard, Pierre.....	3	5	Champagne, Edward, jun.....	1	5
Bédard, Edward.....	3	5	Caswell, Henry.....	3	5

STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

Name of Engineer.	Class	Fee.	Name of Engineer.	Class.	Fee.
		\$			\$
Côté, Alphonse.....	3	5	Etchenbury, Charles.....	3	5
Chapdelaine, François.....	1	5	Edmonds, William.....	3	5
Doan, Moses.....	3	5	Eldridge, Jesse.....	3	5
Dunham, Isaac.....	3	5	Ecroyd, George J.....	3	5
Dillon, H. W.....	2	5	Ewen, Oliver.....	2	5
Dunoon, Daniel.....	3	5	Foster, D. M.....	3	5
Dee, John.....	3	5	Free, Henry.....	3	5
Dawson, Josiah.....	3	5	Fahay, Patrick J.....	3	5
Duval, Francis.....	3	5	Fraser, Duncan.....	3	5
Donaldson, F. W.....	3	5	Filteau, Octave.....	2	5
Davidson, John.....	2	5	Finncan, John.....	2	5
Dungan, John.....	2	5	Foster, Robert.....	2	5
Dunn, Charles George.....	3	5	Fowler, Jasper.....	2	5
Dion, Théophile.....	3	5	Fréchette, Louis.....	2	5
Dowser, Charles.....	3	5	Gill, Albert M.....	3	5
Dickson, John H.....	2	5	Glandin, F. H.....	2	5
Dungan, James.....	2	5	Gowan, John.....	3	5
Derry, William.....	2	5	Girard, Edward.....	2	5
Downey, John, No. 1.....	3	5	Green, James.....	3	5
Dion, Michel.....	2	5	Gaity, Andrew.....	3	5
Doran, John.....	2	5	Gilbert, James.....	2	5
Donavan, Daniel.....	3	5	Gorrell, Charles.....	3	5
Dunn, Charles G.....	2	5	Gillie, James.....	2	5
Dodds, John.....	2	5	Gendron, François, jun.....	3	5
Dunn, Henry.....	3	5	Gallivan, John.....	3	5
Donison, H. J.....	1	5	Grills, John C. A.....	3	5
Duperé, Dumas.....	2	5	Grooms, Asael.....	3	5
Donnelly, John, jun.....	2	5	Girard, Jerry.....	3	5
Demers, Joseph.....	3	5	Grant, Gordon F.....	2	5
Dunn, Peter.....	1	5	Gelston, William.....	3	5
Edgar, James.....	3	5	Goliguer, Pierre.....	3	5
Ellis, J. H.....	2	5	Goulette, Ambroise.....	2	5

STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
		\$			\$
Hill, Moses.....	3	5	Kinnon, John.....	3	5
Henerley, Silas.....	3	5	Kirkpatrick, Neil.....	3	5
Hunter, Walter.....	3	5	Kaney, Terrance.....	3	5
Holman, John H.....	3	5	Kelly, John, No. 1.....	3	5
Horgon, Thomas.....	3	5	Keating, William.....	3	5
Halada, Robert.....	3	5	Kerr, Atcheson.....	3	5
Hamel, Alfred.....	3	5	Lutch, Thomas.....	3	5
Haine, Ferdinand.....	3	5	Leclaire, Jean B.....	3	5
Hallock, L. D.....	3	5	Larevière, Pierre.....	2	5
Hugo, Frederick.....	3	5	Lyons, J. A.....	3	5
Hill, J. E.....	2	5	Littlebury, John A.....	3	5
Hickey, Patrick.....	2	5	Leggatte, J. W.....	3	5
Hopkins, William.....	3	5	Lee, Christopher.....	2	5
Hamilton, Gavin.....	3	5	Loso, François.....	3	5
Hamil, Urbain.....	3	5	Locke, James Lee.....	2	5
Hough, Edwin.....	3	5	Linter, Charles.....	2	5
Hickey, James.....	2	5	Lafleur, Xavier.....	2	5
Hood, William.....	1	5	Lacroix, Trefle.....	2	5
Hay, John.....	3	5	Leclaire, William.....	2	5
Hepburn, Robert.....	3	5	Lawrence, Z.....	3	5
Howard, John.....	2	5	Morrison, Donald, No. 1.....	3	5
Hazlett, John.....	2	5	Main, Thomas.....	3	5
Hiscock, Edwd. C.....	3	5	Mitchell, James.....	3	5
Jemison, William.....	3	5	Madden, Jeremiah.....	2	5
Jacques, John W.....	3	5	Marriotte, Thomas.....	3	5
Jacobs, Silas H.....	3	5	Miller, Sopha.....	3	5
Johnson, William.....	3	5	Morrison, Thos. W.....	3	5
Jento, Timothy.....	2	5	Munro, Daniel.....	2	5
Johnston, Gilbert.....	2	5	Murray, John.....	3	5
Judson, Wm. H.....	3	5	Nowbray, James.....	3	5
Jones, William.....	2	5	Murphy, Thomas.....	3	5
Jimason, Isaac.....	3	5	Murphy, Martin.....	3	5

STEAMBOAT Engineers' Examinations and Renewals, &c—Continued.

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
Mays, D. B.....	2	5	McArthur, James, No. 1.....	2	5
Mellon, John D.....	2	5	McLeod, Kenneth.....	3	5
Matte, William.....	3	5	McPherson, W. C.....	3	5
Morrison, Wm. Harvery.....	3	5	McDermid, Alexander.....	3	5
Munson, Wm. H.....	3	5	McQuade, Henry.....	3	5
Meanish, George.....	2	5	McDougal, James.....	3	5
Morris, Malcolm.....	3	5	McCarthy, Daniel.....	3	5
Morton, William.....	3	5	McCarthy, Charles J.....	3	5
Morrison, William.....	3	5	McDonald, Alexander.....	2	5
Miller, William.....	3	5	McSorley, Charles.....	3	5
Miller, John.....	2	5	McFarlane, Charles.....	2	5
Marchand, Edwd.....	2	5	McGashen, Henry.....	3	5
Morreau, Guillaume.....	2	5	McDonald, J. C.....	3	5
May, William.....	3	5	McMaugh, William J.....	2	5
Morreau, Louis.....	3	5	McArthur, James, No. 2.....	3	5
Manser, Edward.....	2	5	McGregor, William A.....	3	5
Morris, John.....	3	5	McDonald, Ronald.....	3	5
Mason, William.....	3	5	McVicar, D.....	3	5
Marshall, James.....	3	5	McKenzie, A.....	3	5
Murray, James.....	2	5	McIvor, Roderick.....	1	5
Madden, Michael.....	2	5	McDonald, John.....	3	5
Mills, Thomas.....	3	5	McPherson, Alexander.....	3	5
Morrill, Fred.....	3	5	McCaul, Robert.....	2	5
Madigan, Benjamin.....	2	5	McDonald, J. Wealey.....	3	5
Mason, Robert.....	2	5	Norton, James H.....	3	5
Murray, John.....	2	5	Norval, Robert.....	2	5
Marshall, Robert.....	3	5	Noyes, John A.....	3	5
Murray, William.....	3	5	O'Brien, Lawrence.....	3	5
Miln, Thomas.....	2	5	O'Neill, Thomas.....	3	5
Moffat, Thomas.....	3	5	Odette, Henry.....	3	5
McNabb, John.....	3	5	O'Reilly, Thomas.....	2	5
McQuade, David.....	2	5	O'Neill, James.....	3	5

STEAMBOAT Engineers' Examinations and Renewals, &c.—*Continu. d.*

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
Pritchard, Warrington.....	3	\$ 5	Sutherland, William.....	3	\$ 5
Pettigrew, George.....	2	5	Smith, James Gray.....	3	5
Port, R. E.....	3	5	Summerville, William.....	2	5
Park, Joseph.....	2	5	Steele, William Anderson.....	1	5
Parent, Isaac J.....	3	5	Strickland, James.....	3	5
Power, Patrick.....	3	5	Sutherland, David.....	2	5
Parks, William B.....	2	5	Smiley, John.....	3	5
Penny, Thomas.....	3	5	Smith, F. E.....	3	5
Pacquette, Jeremie.....	2	5	Sullivan, J. W.....	3	5
Park, James M.....	3	5	Spedding, Henry, sen.....	2	5
Perry, William A.....	3	5	Sullivan, Charles A.....	3	5
Preese, Thomas.....	3	5	Stroner, David.....	3	5
Paquin, Lastance.....	3	5	Smeaton, Alexander.....	3	5
Polson, F. B.....	3	5	Swain, William J.....	3	5
Payne, J. G.....	3	5	Short, Thomas.....	2	5
Quinn, Michael.....	2	5	Scott, Walter.....	2	5
Reynolds, J. F.....	2	5	Samson, Odime.....	3	5
Reynolds, George.....	3	5	Thompson, George.....	3	5
Ryan, J. W.....	3	5	Thorpe, George.....	3	5
Russell, Robert.....	3	5	Trotter, William F.....	3	5
Ross, John, No. 3.....	3	5	Taylor, Henry.....	3	5
Raymond, Moses.....	3	5	Tanguay, Isidore.....	2	5
Reid, R. M.....	1	5	Throsby, Edwin R.....	3	5
Ritchie, William.....	3	5	Tate, James G.....	2	5
Robinson, John.....	3	5	Thompson, William.....	3	5
Rodman, Joseph.....	3	5	Tanguay, Joseph.....	2	5
Reed, Thomas G.....	3	5	VanBuskirk, W. H.....	3	5
Russell, James.....	3	5	WhiNEY, James H.....	3	5
Radcliffe, E. D.....	3	5	Wilson, James.....	3	5
Samson, Ernest.....	2	5	Wells, William.....	3	5
Sufferin, John A.....	1	5	Walton, Thomas.....	3	5
Sloan, Richard.....	3	5	Weir, Allan.....	3	5

STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

Name of Engineer.	Class	Fee.	Name of Engineer.	Class	Fee.
Weir, Robert.....	3	5	White, James L.....	3	5
Wilcox, David.....	3	5	Webster, William.....	2	5
Williamson, Charles.....	2	5	Whelan, Alban.....	3	5
Wool, David.....	3	5	Wilder, William John.....	3	5
Webster, Henry.....	3	5	White, James H.....	2	5
Wilson, William.....	3	5	Wildar, Willard.....	2	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.
		\$			\$
Aston, John W.....	2	5	Frenette, Alphonse.....	2	5
Allan, Harman.....	2	5	Finucan, John.....	2	5
Brown, George, No. 1.....	3	5	Flanigan, John.....	2	5
Beyer, Julius.....	3	5	Fraser, Duncan.....	3	5
Boyd, George.....	3	5	Ferguson, John C.....	2	5
Bellefeuille, Leon.....	3	5	Flanigan, Patrick.....	3	5
Berard, Pierre.....	2	5	Flamand, Michel.....	3	5
Beaudreau, Gilbert.....	3	5	Filteau, Joseph.....	1	5
Boswell, Walter F.....	3	5	Gilbeault, Olivier.....	3	5
Bradshaw, William.....	3	5	Girard, Olivier.....	3	5
Banks, J. D.....	3	5	Guyette, John M.....	2	5
Battelle, Frederick.....	3	5	Gray, Thomas.....	3	5
Brennan, Owen.....	3	5	Gilbeault, Joseph.....	3	5
Barton, Wm. J.....	2	5	Gray, J. H.....	3	5
Bell, John.....	3	5	Gray, Wm. G.....	2	5
Batt, F. O.....	3	5	Halada, Robert.....	3	5
Bourne, F. W.....	3	5	Hébert, Paul.....	3	5
Caswell, A. F.....	2	5	Hamel, Constant.....	3	5
Champagne, E., sen.....	2	5	Hare, Michael.....	2	5
Caldwell, Angus.....	3	5	Holman, John.....	3	5
Carr, Patrick J.....	3	5	Humphrey, Wm. H.....	2	5
Carroll, Stephen.....	1	5	Hickey, Patrick.....	2	5
Cayen, Joseph.....	2	5	Huff, John C.....	3	5
Ducap, Marveul.....	3	5	Johnson, George.....	3	5
Derocher, Louis.....	2	5	Jolly, Joseph.....	3	5
Dickenson, R. T.....	3	5	Jemison, William.....	3	5
Donnelly, John, jun.....	2	5	Kelly, William.....	3	5
Dillon, Hugh Wm.....	2	5	Kilcauley, Patrick.....	3	5
Davidson, A. C.....	3	5	Kennedy, John.....	3	5
Earle, Robert G.....	3	5	Kennedy, David.....	2	5
Estabrooks, B. C.....	3	5	Kenney, John J.....	3	5

STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
Kenny, Patrick.....	3	5	Martin, Ernest.....	2	5
Kennedy, William.....	1	5	Messanteau, Aug.....	3	5
Lalonde, Alphonse.....	3	5	Mowry, Justus.....	3	5
Lemere, Peter.....	2	5	Morris, Malcolm.....	3	5
Lapointe, Michael.....	3	5	Murray, John.....	3	5
Leverdère, François.....	3	5	McGillivray, James.....	3	5
Lowe, Walter.....	3	5	McFadden, John C.....	3	5
Lepine, Isadore.....	3	5	McDonald, Alex.....	2	5
Lee, Christopher.....	2	5	McFaul, Michael, jun.....	3	5
Lamotte, Louis.....	1	5	McMillan, William.....	3	5
Lacombe, Louis.....	3	5	McCarthy, Chas. J.....	3	5
Lafleche, Augustin.....	2	5	McMurray, James B.....	3	5
Lamontagne, Narcisse.....	3	5	McArthur, James.....	2	5
Lacerte, Roderick.....	3	5	Nisbet, John.....	2	5
Leggett, J. W.....	3	5	Norcross, R. R.....	3	5
Marchand, Adolphe.....	3	5	Nichols, J. D.....	1	5
Monbleau, Eusèbe.....	3	5	O'Neill, Michael J.....	3	5
Martin, Pierre.....	3	3	Ouellete, François.....	3	5
Martineau, Joseph.....	2	5	Paynin, Lactance.....	3	5
Main, Thomas.....	3	5	Peck, John H.....	3	5
Mullin, John.....	3	5	Pratt, William T.....	1	5
Morrow, James.....	3	5	Parks, Wm. B.....	2	5
Marchand, Joseph.....	2	5	Perry, Wm. H.....	2	5
Mussell, James.....	3	5	Quigley, James.....	3	5
Marriotte, Thomas.....	3	5	Rice, John.....	3	5
Marshall, Thomas.....	3	5	Ryan, Thomas.....	1	5
Munro, Daniel.....	2	5	Reardon, James D.....	2	5
Marshall, Irwin.....	3	5	Sutherland, David.....	2	5
Murphy, James.....	3	5	Simmons, Thos., jun.....	3	5
Murphy, Martin.....	3	5	Summerville, Wm.....	2	5
Martin, Alexis.....	2	5	Sommerville, Francis.....	2	5
Matte, William.....	3	5	Sullivan, William.....	3	5

STEAMBOAT Engineers' Examinations and Renewals, &c—*Concluded.*

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
Simons, John.....	3	5	Therault, J. B., jun.....	1	5
Scott, Charles.....	1	5	Thorn, J. Fred.....	2	5
Samson, Jean.....	3	5	Thompson, Thos. P.....	1	5
Suttie, C. D.....	2	5	Utter, William C.....	3	5
Smith, John Lorne.....	3	5	Wilson, Thomas.....	2	5
Therault, Francis, jun.....	3	5	Wilkins, Robert.....	3	5
Thorpe, George.....	3	5			

STEAM Vessels Inspected for the Year ended 31st December, 1883.

The following Returns show the Number of Steamers which have had their Machinery Inspected, with Tonnage Dues and Inspection Fees paid.

WEST ONTARIO, LAKES HURON AND SUPERIOR.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Alma Munro.....	35 56	Freight propeller.	Annie Louise.....	5 60	River tug.
Erie Belle.....	13 34	River tug.	Transfer.....	69 68	C. S. car ferry.
City of Dresden...	15 76	Passenger propeller.	E. M. Foster.....	13 52	Screw, passenger.
Hope.....	14 80	Ferry, Windsor.	Beatrice.....	7 64	do tug.
Bob Hackett.....	10 36	River tug	Niagara.....	23 72	do freight.
Byron Trerice.....	18 72	Passenger propeller.	L. Shickluna.....	30 04	do do
Henry Smythe.....	6 50	Fishing tug.	Acadia.....	40 25	do passenger.
Luella.....	6 52	Passenger ferry.	Celtic.....	35 92	do do
Geneva.....	8 88	do do	Lake Ontario.....	35 00	do freight.
Olivia Gordon.....	6 32	Harbour tug.	Salty Jack.....	6 80	do tug.
W. J. Aikins.....	6 68	do	W. A. Routh.....	7 08	do do
City of Montreal.	34 08	Freight propeller.	Hector.....	6 72	do do
Armenia.....	32 48	do	M. A. Laughlin...	5 92	do do
Ada E. Allen.....	11 80	Freight barge.	Jane Armstrong.	6 80	do do
J. W. Steinhoff...	20 48	Passenger propeller.	U. M. Carter.....	6 20	do do
Clinton.....	22 20	Barge propeller.	S. Kneeland.....	6 84	do do
International.....	43 04	Grand Trunk Ry. Ferry..	Maggie.....	6 48	do do
Huron.....	50 08	do do	Mary.....	7 48	do do
J. C. Clark.....	13 80	Passenger propeller.	United Empire.....	86 40	do passenger.
Hiawatha.....	14 48	do do	Lothair.....	21 52	do freight.
Kittie Haight.....	7 40	River tug.	Quebec.....	64 16	do passenger.
Beatrice.....	6 20	Grand Trunk Ry. ferry.	Manitoba.....	47 20	Paddle, passenger.
Ruby.....	7 88	Excursion steamer.	Lake Michigan....	39 72	Screw, freight.....
City of Guelph....	5 44	do do	Persia.....	38 28	do passenger.
Edith.....	5 08	Private yacht.	Admiral D. D. Porter.	14 64	do tug.
Frank Jackman...	6 56	Harbour tug.	City of Owen Sound.	51 72	do passenger.
St. Magnus.....	41 12	Passenger propeller.	Africa.....	34 08	do do
Scotia.....	32 96	Freight do	Campana.....	59 62	do do

STEAM Vessels Inspected for the Year, &c.—Western Ontario, &c.—Continued.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Enterprise.....	41 00	Screw, passenger.	Minder.....	5 16	do do
Frances Smith....	60 96	Paddle do	Prowett Beyer....	5 40	do passenger.
Canada.....	33 76	Screw do	Queen Victoria....	34 08	Paddle, passenger.
Geogian.....	20 08	do freight.....	Dominion.....	32 04	Screw, freight.
Kincardine.....	12 28	do freight.	Clara Louise.....	5 80	do tug.
Myrtie.....	6 08	do passenger.	Saginaw.....	22 28	do passenger.
Heather Belle....	5 80	do tug.	Michigan.....	66 59	Paddle do
Annie Craig.....	8 20	do passenger.	Transit.....	50 32	Screw do
Arlington.....	5 92	do do	Sea Flower.....	5 28	do tug.
J. L. McEdward..	5 88	do do	Victoria.....	8 52	do freight.
Chicora.....	45 24	Paddle do	Alfred Wilson....	6 32	do yacht.
Southern Belle....	25 12	do do	Frank.....	8 24	do freight.
Ada Alice.....	5 60	Screw do	Sea Gull.....	7 04	do tug.
St. Jean Baptiste.	14 88	Paddle do	Thames.....	7 08	do freight.
Atlantic.....	35 32	Screw do	Coral.....	9 76	do do
California.....	34 72	do do	Geo. Campbell ...	6 04	do tug.
Rupert.....	28 48	Paddle do	W. J. Taylor.....	5 36	do do
Fortune.....	16 32	Screw, freight.	Enterprise.....	12 88	do freight.
Europe.....	36 36	do passenger.	J. B. Newman ...	6 04	do do
Pacific.....	44 72	do do	Gertrude A. Bruney.	5 56	do tug.
Northern Belle....	28 52	do do	Phoenix.....	6 00	do do
Mary Ann.....	8 48	Screw, tug.	Blanche Shelby...	5 80	do do
Princess Louise...	7 48	Paddle, passenger.	Tommy Wright...	5 48	do do
S. S. Edsall.....	11 00	Screw, tug.	D. D. Calvin.....	.....	do freight.
Flight.....	6 48	do do	W. S. Ireland.....	9 20	do do
Esperanza.....	5 88	do passenger.	New Era.....	5 76	do tug.
City of Toronto...	43 92	Paddle do	Erin.....	6 88	do freight.
Niagara.....	5 60	Screw, tug.			

W. J. MENEILLEY,
Steambaat Inspector, West Ontario.

STEAM VESSELS not Inspected for the Year, &c.—West Ontario, &c., Division—*Con.*

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts			\$ cts.	
A. Neff.....		Screw, freight.	Ben Millwood.....		Screw tug.
Fanny Arnold....		do tug.	Belle.....	5 28	do do
Houghton.....		do do	Comet.....		do do
Minnie Hall.....	6 88	do do	Wm. Ross.....		do do
Alice Brooks.....	5 68	do do	Jennie Wilson....		do yacht.
W. T. Robb.....		Screw, tug.	Falcon.....		do tug.
Isaac May.....		do freight.	A. H. Jennie.....		do freight.
Toronto Belle.....	5 55	do tug.	Minnehaha.....	6 28	do tug.
Severn Belle.....	5 30	do do	Jessie.....		do do
Bruno.....	24 00	do freight.	Prince of Wales...		Paddle, passenger.

W. J. MENEILLEY,
Steamboat Inspector West On'ario.

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.	
Bruce	5 64	Screw, tug.	Maganettawan....	18 76	Screw, freight.
J. H. Doyle.....	5 68	do do	Waubauskene.....	8 88	do tug.
M. A. Bennett	6 36	do do	Marshall & Murray.	5 76	do do
C. J. G. Munro ...	6 72	do do	H. L. Lovering ...	7 20	do do
Golden City.....	6 40	do do	Carriella.....	6 40	do passenger tug.
R. S. King	7 36	do do	Canadien.....	17 24	do passenger.
Maggie Mason....	6 00	do passenger ferry.	Inter Ocean	13 76	do passenger freight.
James Norrin.....	6 88	do tug.	Pioneer.....	5 44	do tug.
Augusta.....	7 28	do do	Messenger.....	5 60	do do
Joe Mac.....	6 72	do do	W. F. McRae	6 84	do do
Hector	6 72	do do	Admiral	5 36	do do
M. R. Mitchell....	5 96	do do	R. F. Childs.....	5 20	do do
W. P. Tribble.....	.....	do fishing tug.	G. Windsor	8 44	do freight.
Leslie	5 44	do tug.	H. Sewell	6 00	do tug.
Enterprise.....	13 92	do do	Jerome.....	7 40	do tug freight.
Rosseau	7 12	do passenger tug.	Uncle John.....	5 28	do yacht.
Muskoka	8 96	do tug.	La Belle.....	8 00	do freight.
Kenoyha	15 64	do passenger freight.	Manitoba	9 00	do do
Wenonah	15 16	Paddle do	C. H. Merritt	12 85	do passenger freight.
Lake Joseph.....	6 12	Screw, tug.	Ella Taylor.....	6 36	do tug.
Nipissing.....	17 72	Paddle, passenger.	Geo. Douglass....	6 68	do do
Helena	5 52	Screw, tug.	Cherokee.....	12 16	do do
Northern	8 96	Paddle, passenger.	Thistle	6 36	do do
Kate Murray.....	5 12	Screw, tug.	Wales.....	19 00	do do
Ontario	5 44	do do	Cuba	31 08	do freight.
Sutton Belle.....	5 24	Screw, passenger ferry.	Harvey Neelon ...	7 56	do tug.
Queen.....	5 28	do do	Sam Parry.....	6 68	do do
Ontario	61 52	do do	Severn .....	.....	do do
C. H. Pratt.....	17 84	do passenger.	Warton Belle.....	8 50	do do
Tecumseh	38 60	do freight.	Minnie Martin	5 4	do do

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.	
Boek		Screw, fish tug.	Norah	6 24	Screw, tug.
Tender	6 20	do passenger tug.	Jennie E. Harper.	5 80	do do
Kate Pilgrim	5 45	do tug.	Minnie Kidd	5 72	do do
Mary Beck	5 80	do do	James Clark	6 92	do fishing tug.
Superior	8 54	do do	Clucas	6 12	do do
Daisy	5 00	do yacht.	R. Kendrick	5 60	do do
Mocking Bird	6 80	do tug.	Fanny	5 66	do do
Shawanaga	8 83	do do	Clara	5 32	do do.
T. R. Secord	5 56	do do	Rescue	5 68	do do
Ann Long	6 80	do do	Othello	5 32	do do
John Harris	7 68	do do	S. R. Norcross	5 44	do tug.
Dufferin	5 80	do do	Victoria	7 56	do do
Eclipse	7 90	do do	Isabella	6 76	do do
Magdalena	5 76	do do	R. B. McPherson.	6 20	do do
Albert Dymant ...	6 20	do do	Albion	16 88	do freight.

EDWARD S. VIGOR,
Acting Inspector.

STEAM VESSELS Inspected for the Year ended 31st December, 1883.

EAST ONTARIO DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
H. F. Bronson	10 49	Screw, tug.	Juno	5 40	Screw, yacht.
Frank Perew.....	6 72	do do	Pearl	5 20	do do
J. A. McDonald... 15 92	Paddle do	Clipper	5 16	do do	
Hiram A. Calvin. 17 00	do do	Topsy	5 04	do do	
Metamora	14 56	Screw do	Constance	5 10	do do
Glide.....	8 12	do do	Colonel By	5 38	do tug.
Varuna.....	13 36	do passenger.	Princess Louise.. 12 60	do passenger.	
Utica.....	7 08	do do.	Lily.....	5 64	do tug.
Traveller	13 32	Paddle, tug.	Saxon.....	12 24	do freight.
William Johnston 8 24	Screw do	Bella Wilson..... 12 40	do do		
D. R. VanAllen... 17 72	do freight.	Eliza Bonar. 6 04	do tug.		
Albert Wright.... 6 16	do tug.	Rambler.	7 36	do do	
Norseman	39 32	Paddle, passenger.	Louise	18 20	Paddle, passenger.
Jessie Hall	7 28	Screw, tug.	Hastings	26 92	do do
Gipsy	21 00	Paddle, passenger.	Freemason.....	9 20	Screw, freight.
Alexandra	45 60	do do	M. P. Davis.....	5 44	do tug.
James Buckly..... 5 40	Screw, tug.	Carlton.....	5 32	do yacht.	
D. C. West.....	7 40	do passenger.	Catherine.....	5 60	do passenger.
Active.....	18 84	do tug.	Dennis Bowen ... 6 29	do do	
Watertown	18 68	Paddle, passenger.	Isaac Butts..... 15 96	Paddle do	
Indian.....	17 80	Screw, tug.	Dora	5 80	Screw do
Norman	10 96	do freight.	Golden Eye..... 19 52	Paddle do	
Prince Edward... 8 88	Paddle, passenger.	Whistle Wing.... 8 52	do do		
Mary Ethel.....	8 96	do do	Cruiser.....	6 24	Screw do
Nellie Cutbert... 7 36	Screw, passenger.	Mary Ellen	8 24	Paddle, tug.	
McArthur.....	11 76	do tug.	Anglo Saxon..... 7 76	do do	
Omota	5 86	do yacht.	Water Watch..... 5 36	Screw do	
Lively	5 24	do passenger.	Stranger.....	6 12	do do
Myrtle	5 36	do yacht.	Seaborn.....	5 36	do yacht.

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.	
Beanbocage.....	13 16	Paddle, passenger.	Olive	16 52	Screw, passenger.
Bella Fair.....	5 26	Screw, tug.	Enterprise.....	7 40	Paddle, tug.
Eva	6 34	do passenger.	Ripple	5 64	Screw do
Victoria	12 64	Paddle, tug.	Peerless	6 04	do do
Maple Leaf	6 16	Screw do	D. G. Thomson...	12 40	do do
Ontario	8 20	Paddle do	R. Anglin	9 16	do freight.
Mary Louise.....	5 60	Screw, passenger.	Albani	7 32	do yacht.
Fairy	5 92	do do	Edmond.....	6 56	do tug.
Water Lily	8 84	do freight.	H. M. Mixer.....	5 84	do do
Annie Gilbert....	5 80	do passenger.	Tiger.....	5 08	do yacht.
Rosamond	5 92	do yacht.	Cobocoak	9 12	Paddle, tug.
Marquis of Lorne.	5 80	do do	Beaver.....	5 72	Screw, passenger.
Princess Louise...	6 80	do passenger.	Sarah Daly	6 00	do tug.
Grenada	7 28	do do	Lorena	5 36	do do
Chicoutimi	12 40	Paddle do	Swan.....	5 96	do passenger.
Eureka	7 32	Screw do	Eleanor	6 00	do tug.
Ontario.....	7 28	do tug.	Resolute	21 44	do freight.
Arctic.....	7 60	do do	Emma Munson...	6 28	do tug.
Wren	7 84	do do	Pioneer	6 12	do freight.
Florence.....	5 24	do passenger.	Conqueror.....	12 96	do tug.
City of Belleville	12 04	do do	Adventure.....	11 40	do freight.
Transit.....	13 60	do do	Hiram Easton...	6 36	do tug.
Oriole	5 12	do yacht.	F. A. Folger.....	7 56	do do
Eva	5 08	do do	Quinte	} Inspected by Mr. Burgess.	Paddle, passenger.
Lily Nicholson...	5 72	do passenger.	Armenia.....		Screw do
Blinkbonny.....	5 12	do yacht.	Desoronto		do do
Spray	5 16	do do	Pilgrim		do do
Chaffey.....	6 72	do passenger.	H. B. Sherwood...		do do
Water Lily	5 16	do yacht.	Reliance		do freight.
Ontario	18 36	do passenger.	Hero		Paddle, 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.
Chietaian	Ins. by Mr. Burgess \$ cts	Paddle, tug.	City of Kingston.	Not running. \$ cts	Paddle, passenger.
Pierepont		do passenger.	Crusoe		Screw, freight.
Nile.		Screw, freight.	Carlyle.....		do do
Maud		Paddle, passenger.	Bay of Quinte.....		Paddle, tug.
Empress of India.		do do	Peterson's Ferry..		do passenger.

EDWARD ADAMS, Steamboat Inspector.

STEAM Vessels Inspected for the Year ended 31st December, 1883.
QUEBEC DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Abenakis.....	13 80	Centre-wheel, tug.	Dredge No. 9.....	5 00	Elevator dredge.
Three Rivers.....	76 40	Paddle, passenger.	Dredge No. 8.....	5 00	do
Chambly.....	33 88	do do	Otter.....	16 76	Screw, passenger.
Sorel.....	14 32	do do	Arctic.....	14 12	do winter ferry.
Montreal.....	96 44	do do	North.....	23 16	Paddle, ferry.
Terrebonne.....	32 04	do do	Scuth.....	18 20	do do
Magnet.....	49 16	do do	Prince Edward .	14 48	Screw, winter ferry.
Maggie R. King..	6 08	Screw, tug.	Miramichi.....	37 08	Paddle, passenger.
Dredge No. 1.....	5 00	Spoon dredge.	Champlain No. 2	20 92	do tug.
Mouthe-à-Feu....	16 56	Paddle, passenger.	Champlain No. 1	12 40	Screw do
Meteor.....	18 44	do tug.	Orleans.....	15 24	do do
St. F. Logie.....	5 68	Screw do	Challenger.....	7 64	do do
John.....	13 12	Paddle do	Thor.....	17 92	Paddle do
Matawan.....	32 48	Screw, pass'gr. & freight	Montmagny.....	22 04	do passenger.
Nipégon.....	32 16	do do do	Laurentide.....	19 68	do do
Rocket.....	31 00	Paddle, tug.	Saguenay.....	51 08	do do
Quebec.....	130 24	Paddle, passenger.	Brothers.....	18 48	do do
St. Peter.....	6 80	Screw, tug.	Aurelia.....	6 28	Screw, tug.
St. Louis.....	6 36	do	Asilda.....	5 96	do do
John Pratt.....	7 60	do	Conqueror No. 2	14 32	Paddle do
St. Francis.....	7 20	do	James.....	13 08	do ferry.
O. J. Brydges.....	6 56	do	Humber.....	5 52	Screw, tug.
Dealisle.....	6 80	do	C. W. Jones.....	6 48	do
Rivière-du-Loup..	14 92	Paddle, passenger.	R. Stoker.....	5 56	do
Minnie F. Parsons	6 80	Screw, tug.	St. Croix.....	25 84	Paddle, passenger.
Dredge No. 3.....	5 00	Elevator dredge.	St. Louis.....	25 12	do do
Dredge No. 13....	5 00	do	Royal.....	15 40	do tug.
Dredge No. 11....	5 00	do	Beaver.....	21 20	do do
Dredge No. 12....	5 00	do	Castor.....	8 72	do do
Dredge No. 10....	5 00	do	Rival.....	10 00	do do

STEAM Vessels Inspected for the Year ended 31st December, 1883.

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.	
Hercule.....	13 00	Paddle, tug.	Admiral.....	28 32	Paddle, passenger.
Anglesea.....	11 12	do do	Canada.....	88 36	do do
Dolphin.....	5 68	Screw, do	Circe.....	6 20	do tug.
Rhoda.....	12 28	Paddle do	Ed. Arpin.....	5 20	Screw, pass'ngr. & tug.
Etoile.....	30 40	do passenger.	Berthier.....	52 04	Paddle, passenger.
Resolute.....	10 60	Screw, tug.	Le Cultivateur...	14 08	do do
Rover.....	6 68	do	Laval.....	8 60	do ferry.
Mersey.....	7 40	do	Bourgeois.....	14 84	do do
Acadian.....	42 24	Screw, freight.	Arthur.....	6 32	do tug.
Helen.....	10 40	Paddle, tug.	La Tuque.....	7 00	do do
Albion.....	11 84	do	City.....	7 08	do do
Boston.....	17 84	do	Marie.....	6 20	Screw do
Gatineau.....	12 00	do	Bienvenue.....	33 92	Paddle, passenger.
Union.....	35 48	Paddle, passenger.	Swallow.....	5 12	Screw, tug.
Eclipse.....	19 64	do tug.	L. M. G.....	5 44	do do
Margaret.....	7 56	Screw do	Activity.....	5 60	do do
Batiscau.....	6 60	Paddle do	Stormy Petrel....	5 44	do do
Pioneer.....	12 04	do do	J. R. Souter.....	5 44	do do
Conkoo.....	5 24	Screw do	Almanda.....	5 44	do do
Victor.....	6 40	do do	Five Brothers....	5 44	do do
Ida.....	5 80	do do	Johanna B.....	5 68	do do
Flora.....	7 00	do do	Sensation.....	5 60	do do
Victory.....	7 24	do do	Hope.....	5 60	do do
Polino.....	40 28	do freight.	Com. Holiwell...	5 36	do do
Dauntless.....	8 24	do tug.	Honkey Dorey...	5 40	do do
Lake.....	10 80	do do	Lady Dufferin...	5 20	do do
Mayflower..	5 52	do do	Fairy.....	5 64	do do
Patrick Murphy..	5 40	do do	H. C. Curtis.....	6 44	do do
Maud.....	7 16	Paddle do	St. Catherine....	5 48	do do
Emelie.....	5 24	Screw do	St. John.....	7 20	do do

STEAM Vessels Inspected for the Year ended 31st December, 1883.

QUEBEC DIVISION—*Concluded.*

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Albion.....	5 20	Screw, tug.	Ranger.....	14 64	
Canadian.....	5 00	do do	William.....	16 04	
Lucie.....	6 00	Stern-wheel, tug.	Florence.....	10 32	
St. George.....	6 20	Paddie do	Lévis.....	14 24	
Betsiamits.....	7 00		Randolph.....	5 64	
Contest.....	17 24		Hubert Larkin...	6 96	
Canada.....	14 36		Star of the Sea...	5 32	
Diver.....	8 44		Rover.....	5 20	
Minnie.....	7 72		Belle.....	7 04	

JOS. SAMSON,
Steamboat Inspector.

STEAM Vessels Inspected for the Year ended 31st December, 1883.

MONTREAL DIVISION.

Name of Vessel	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
Reliance.....	\$ cts. 13 80	Screw, freight.	Elevator No. 10...	\$ cts. 11 92	Elevating grain.
Chieftain.....	22 40	Side-wheel, tug.	do 1...	11 60	do
Pierrepont	18 08	do passenger.	do 5...	11 04	do
Maude.....	19 72	do do	Ivy.....	8 04	Side-wheel, tug.
Hero	20 24	do do	Princess	31 16	do passenger.
Nile	8 84	Screw, freight.	Manitoba	22 20	do do
H. B. Sherwood...	6 44	do passenger.	Algerian	44 56	do do
Quinte	21 24	Side-wheel, passenger.	Laprairie.....	28 92	do do
Deseronto	7 72	Screw do	Boucherville.....	6 44	Centre-wheel do
Pilgrim	5 76	do do	Ruby.....	5 20	Screw, tug.
Armenia.....	12 40	do do	St. George	6 96	do do
Elevator No. 7...	11 80	Elevating grain.	Filgate.....	18 52	Side-wheel, passenger.
do 9...	11 88	do	Corinthian	50 44	do do
do 11...	11 76	do	John R. Booth....	10 28	Screw, tug.
do 6...	11 80	do	Shickluna	7 64	do do
do 4...	12 52	do	Charlotte.....	7 36	do do
do 12...	12 32	do	Cariboo	9 56	do do
Dolphin	7 76	Screw, tug.	Prince of Wales...	32 40	Side-wheel, passenger.
Bohemian.....	53 52	Side-wheel, passenger.	Glenfinlas.....	35 44	Screw, freight.
Hope.....	17 20	do tug.	Nasmith.....	6 96	do tug.
Vermont	13 24	do do	St. Francis.....	40 12	Side-wheel, passenger.
Carillon	10 12	do do	Star.....	22 64	do do
Spartan	54 76	do passenger.	Gertie.....	5 68	Screw, tug.
Aurora.....	10 00	do tug.	E. B. Eddy	8 12	do do
Elfin	9 32	Screw do	Alfred Demers....	6 24	do do
British American.	11 80	Side-wheel do	Calumet.....	6 60	do do
Dandy	6 84	Screw do	Windermere	6 40	do passenger.
G. A. Harris	8 48	do do	Montarville	18 72	Side-wheel, passenger.
Elevator No. 1...	8 23	Elevating grain.	South-Eastern....	23 80	Screw 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.
	\$ cts.			\$ cts.	
Mink	8 60	Screw, tug.	Rover	13 08	Side-wheel, tug.
Bothesay	41 56	Side-wheel, passenger.	Grenville.....	5 84	Screw do
Corsican	56 12	do do	G. H. Notter	5 52	do do
John Young.	11 52	Side-wheel, tug.	Champlain	12 80	Side-wheel do
Belmont.....	13 32	Side-wheel, passenger.	Geo. H. Miller....	5 44	Screw do
Agnes McMahon.	8 28	Screw, tug.	Peerless	49 56	Side-wheel, passenger.
Aries.....	5 24	do do	Gatineau	10 32	Screw, freight.
J. K. Ward.....	5 92	do do	G. O. Kelly	17 32	Side-wheel, tug.
Owens	11 24	Side-wheel, tug.	Hiram Robinson..	7 44	Screw do
Dagmar	24 20	do passenger.	Maggie.....	5 60	Centre-wheel, tug.
Rigeaud.....	6 84	Screw, tug.	H. F. Bronson	7 88	Screw do
Prince Arthur ...	33 40	Side-wheel, passenger.	Sir John Young...	16 28	Side-wheel do
Lenora.....	5 20	Steam yacht do	Pembroke	11 48	do do
Longueuil.....	20 68	Side-wheel do	Empress.....	15 52	do passengers.
F. B. Maxwell ...	27 88	do do	Walter B.....	6 12	Screw do
Rose	9 84	Screw, freight.	St. Ann's.....	6 00	do do
Empress of India.	31 16	Side-wheel, passenger.	Levi Young	8 00	do tug.
Coban	50 52	Screw do	A. H. Baldwin....	12 08	do do
Passport ..	49 36	Side-wheel do	Chaudière	16 28	Side-wheel, tug.
Florence	7 48	Screw, tug.	Oastor	7 16	Screw do
W. O. Francis.....	6 48	do do	Aylmer	6 04	do passenger.
Como	8 00	Side-wheel, tug.	G. B. Pattee.	6 20	do tug.
Georgiana.....	7 12	Screw do	Monitor	18 32	Side-wheel do
Welchman	10 72	do freight.	Express	12 00	do passenger.
Tim Doyle.....	5 86	do tug.	Agnes.....	6 16	Screw do
Raftman.....	8 76	Side-wheel, tug.	Mouche-à-Feu....	5 80	Centre-wheel do
Maud	15 76	do do	Cultivateur.....	5 60	do do
Sir John	7 44	Screw do	Nymph.....	7 96	Side wheel do
Thousand Island Rambler,	5.80	do passenger,	Nil Desperandum.	6 08	Centre-wheel do
Swan	6 72	do tug.	William	6 96	Screw, tug.

STEAM Vessels Inspected for the Year, &c.—Montreal Division—*Concluded.*

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Plover	6 72	Screw, tug.	Mountain Maid...	12 72	Side-wheel, passenger.
St. Lambert.....	14 88	Centre-wheel, passenger.	Lady of the Lake.	32 28	do do
Albert	12 76	Side-wheel, tug.	Elevator No. 13...	12 12	Elevating grain.
C. Anderson.....	12 20	Screw, passenger.	Elevator No. 14...	12 24	Elevating grain.
Eva.....	5 24	do do	Cultivateur.....	35 48	Side-wheel, passenger.
L'Assomption	7 76	Centre-wheel, passenger.	Resolute	6 20	Screw, tug.
Rockland.....	8 12	Screw, tug.	Zebra	6 20	do do
Newport.....	5 48	do passenger.			

Not Inspected during the Year 1883.

Steamers.	Remarks.
Allan Gilmour.....	Employed all season towing between Ottawa and Lake Champlain.
Eiswood	Employed part of season towing on Ottawa River.
Fawn	Not employed.
Poitneuf	do
S. B. Herald	Employed carrying lumber.
J. B. A.....	Not employed.
Spray	do

JOHN BURGESS,
Steamboat Inspector.

STEAM Vessels Inspected for the Year ended 31st December, 1883.

MARITIME PROVINCES DIVISION.

Name of Vessel ¹	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Freddie V.....	6 04	Screw, tug, Yarmouth, N. S.	M. A. Starr.....	17 76	Screw, passenger.
Empress.....	45 16	Paddle, passenger, St. John, N. B.	Marion.....	27 12	do
Newfield.....		Dominion steamer.	Alida.....	7 56	do tug.
Alpha.....	20 24	Screw, passenger.	Loyalist.....	5 12	do yacht.
Hercules.....	8 42	do tug.	Novelty.....	6 68	Paddle, passenger.
Edgar Stewart....	17 88	do passenger.	Sir C. Ogle.....	13 04	do ferry.
Dominion.....	30 96	do do	Mic-Mac.....	14 00	do do
Ada G.....	9 08	Paddle, tug.	Chebucto.....	12 32	do do
Admiral.....	11 32	do do	Annie Stuart....	6 44	Screw, tug.
Lillic Glasier....	13 36	do do	Daisy.....	5 40	do
St. George.....	6 48	Screw do	Gipsy.....	5 68	do
May Queen.....	29 56	Paddle, passenger.	Dragon.....	10 44	do
Star.....	26 44	do do	Winnie.....	5 12	do
Fawn.....	32 84	do do	Mary Ann.....	5 60	do
Lincoln.....	8 48	do tug.	Tiger.....	7 40	do
Captain.....	7 72	do do	Florenceville....	15 40	Stern-wheel, passenger.
General.....	11 36	do do	Sarah H.....	8 24	Paddle, ferry.
Norman.....	6 84	Screw do	Forest Queen....	12 60	do do
Soulanges.....	20 72	Paddle do	Bismarck.....	6 96	do tug.
Beaver.....	13 84	Screw do	Oscar Wilde.....	7 88	Stern-wheel, passenger.
Pinafore.....	6 04	do do	Douglas.....	7 04	Paddle, ferry.
Hiawatha.....	17 20	do do	Victor.....	6 16	Screw, tug.
Scotia.....	6 68	do tug.	Andover.....	15 40	Stern-wheel, passenger.
Evangeline.....	8 12	do passenger.	Ripple.....	6 12	Screw, passenger.
Quiddy.....	6 20	do tug.	Champion.....	15 60	Paddle, tug.
G. D. Hunter.....	7 68	do do	Grip.....	5 12	Screw do
Laura.....	5 56	do ferry and yacht.	Gladiator.....	7 80	do do
Marina.....	6 28	do do do	St. Patrick.....	7 08	do do
Quangondy.....	19 76	Paddle, ferry.	Zulu.....	5 72	do do
			Loyalist.....	5 72	Paddle do

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.	
Relief	8 04	Screw, tug.	Joe Edwards....	6 40	Screw, ferry.
Teaser.....	6 68	Paddle, ferry.	Geo. Shattuck...	22 48	do passenger.
St. Andrew.....	8 04	Screw, tug.	Mermaid	5 60	do ferry.
St. George.....	11 40	Paddle do	Arrow.....	5 40	do yacht.
Utopia	5 96	Screw do	John Williams..	5 20	do do
St. Louis.....	5 16	do do	David Weston...	38 60	Paddle, passenger.
East Riding.....	8 40	do do	Wellington	8 00	do ferry.
Laddie.....	6 68	do do	St. Lawrence....	41 80	do passenger.
Islet.....	5 20	do freight.	Southport	17 60	do ferry.
Lillie.....	7 83	do tug.	Elfin	12 88	do do
Merrimac.....	8 40	do passenger.	Henry Aitken.....	6 52	Screw, tug.
Annie.....	5 52	do tug.	Montague	13 16	Paddle, ferry.
May Queen.....	13 68	Paddle, passenger.	Canima.....	43 20	Screw, passenger.
Lady of the Lake.	7 44	do ferry.	Yuba	5 48	do ferry.
D. P. Ingraham...	10 60	Screw, tug.	La Have.....	6 88	do tug.
L. Boyer.....	7 24	do	Winnie.....	5 48	do do
E. M. Cates.....	7 32	do	Northern Light.		Dominion steamer.
Richmond	6 76	Paddle, ferry.	Mayflower		do
Rimouski.....	12 96	Screw, passenger.	Gambrinus	5 12	Screw, freight.
F. C. Batte.....	6 32	do tug	Robbie Burns...	8 56	do tug.
Princess of Wales	45 40	Paddle, passenger.	Neptune.....	7 08	do do
Heather Belle.....	19 28	do do	Mascotte	5 92	do freight.
Powerful	23 28	do do	Bessie and Harry	5 88	do do
Neptune.....	13 52	do do	Highland Mary.	7 96	do do
Derigo.....	7 28	Screw, tug.	West'n Extension	24 96	Paddle, ferry.
New City.....	8 12	do do	Norwegian	13 24	Screw do
St. John.....	6 88	do do	Wm. Stroud	17 16	do tug.
Earl Duferin.....	14 80	do freight.	Bertha	6 20	do do
Xanthus.....	7 56	do tug.	A. C. Whitney ..	7 48	do do
David Duncan....	5 84	do freight.	Henry Hoover...	6 72	do do
Eva Johnson	5 76	do do	Glendon		Laid up; not

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.	
Richard Doane.....	.....	Laid up ; not in use.	Lorne. ....	.....	Laid up ; not in use.
Xiphias .....	.....	do do	Squirrel .....	.....	do do
Fred. Ulinch.....	.....	do do	Dolphin .....	.....	do do

WM. M. SMITH,
Deputy-Chairman of Board of Steamship Inspection.

STEAM Vessels Inspected for the Year ended 31st December, 1883.

MANITOBA, KEEWATIN AND N.-W. TERRITORIES DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Kate Marks.....	7 16	Screw, tug.	Algoma.....		Screw, tug.
Three Friends.....	8 91	do	Victoria.....		do
Cheyenne.....	13 44	Paddle, freight.	Percy Sutherland.....		do
Marquette.....	22 16	do	Dryberry.....		do
Ogema.....	7 48	Screw, tug.	Enterprise.....		do
Lady Ellen.....	5 76	do	North-West.....		Tow, barge.
Glendevon.....	11 84	do	Queen.....		Screw, yacht.
Princess.....	29 24	Paddle, passenger.	Manitoba.....		Tow, barge.
Colville.....	14 56	Screw, tug.	Mary Hatch.....		Paddle, tug.
Victoria.....	5 92	do	Empress.....		Screw, tug.
Couchiching.....		do	Fairy Queen.....	5 28	do yacht.
D. L. Mather.....	9 00	do	Hattie Vinton.....	7 21	do tug.
Cruiser.....		do	City of Mount Clemens.....	8 36	do freight.
Caro.....		do	Siskiwit.....	6 00	do tug.
N. Mosher.....	8 00	do	Silver Spray.....	13 22	do do

W. J. MENEILLEY,
Steamboat Inspector,
For Manitoba, Keewatin and N.-W. Territories.

STEAM Vessels not Inspected for the Year ended 31st December, 1883.

MANITOBA, KEEWATIN AND N.-W. TERRITORIES DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Alpha	16 24	Paddle, at Brandon.	Marquis	22 12	Paddle, at Prince Albert.
May Queen .....	.....	Screw, at Selkirk.	Baroness	13 00	do on S. Saskatch- ewan.
Lily.....	16 28	Paddle, on S. Saskatch- ewan	Minnow	5 60	Screw.
Manitoba	24 24	do at Prince Albert.	Nautilus.....	.....	do yacht.
North-West.....	25 00	do at Grand Rapids.	Dennis .....	.....	do at Winnipeg.
Northcote	26 44	do do			

Two tugs on Lake Winnipeg.

do Vermillion Bay.

Hudson Bay Steamer on Lake Arthabaska.

W. J. MENEILLY,
Steamboat Inspector,
For Manitoba, Keewatin and N.-W. Territories.

STEAM VESSELS Inspected for the Year ended 31st December, 1883.
BRITISH COLUMBIA DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Wilson G. Hunt.	26 72	Passenger and freight.	Alexander.....	21 24	Passenger and tug.
Beaver.....	14 40	Tug.	Yosomite.....	69 00	do do
Grace.....	8 32	Freight and passenger.	Lillie.....	6 32	Ballast boat.
Grappler.....	16 72	Tug.	B. Boschwitz.....	19 96	Passenger and freight.
Otter.....	19 56	Passenger and freight.	Alice.....	7 16	do do
Myra.....	8 24	do do	Woodside.....	7 00	do do
Robt. Dunsmuir..	17 24	do do	Elevator.....	5 96	Ballast boat.
Enterprise.....	23 20	do do	Nellie Taylor....	5 20	Ferry.
Gertrude.....	20 16	do do	Maude.....	16 53	Passenger and freight.
Lottie.....	6 16	Tug.	Thornton.....	6 25	Freight.
Dolphin.....	7 64	Freight.	Skurry.....	20 80	Passenger and freight.
Skidegate.....	6 48	Tug.	Peerless.....	20 32	do do
Maggie.....	5 08	do	Spallumchum....	7 20	do do
Etta White.....	8 92	do	Lady Dufferin...	7 40	do do
R. P. Rithet.....	40 66	Passenger and freight.	Victoria.....	22 69	do do
Spratts Ark.....	38 80	Fish boat.	Pilot.....	15 32	Tug.
Joe Adams.....	5 48	do	Emma.....	6 40	do
Alpha.....	5 20	Not known.	Maggie.....	7 63	do
Gem.....	7 40	Passenger and freight.	Lily.....	5 36	Fish tug.
Senator.....	6 10	Ferry.	Eva.....	5 28	do
Iris.....	5 80	Fish tug.	Dolphin.....	5 00	Passenger boat.
Westminster.....	5 72	do	Isabel.....	Nil.	Not inspected.
Wm. Irving.....	37 52	Passenger and freight.	Hyack.....	do	do
Reliance.....	20 56	do do	Princess Louise.	do	do
Leonora.....	6 32	do and tug.	do	do	do
Ruby.....	6 56	Fish tug.	Evangeline.....	do	do
Adelaide.....	14 04	Passenger and freight.	Lady of the Lake	do	do
Brunette.....	5 12	Fish tug.	W. G. Hunt.....	do	do
Nellie.....	5 08	do	Anna Beck.....	do	do
Western Slope....	41 28	Passenger and freight.			
Sardonyx.....	38 24	do do		766 70	

PASSENGER STEAMERS.

STEAM Vessels Inspected for the Year ended 31st December, 1883.

QUEBEC AND MONTREAL DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts	
Prince Edward ...	14 48		Montarville.....	18 72	
Arctic.....	14 12		Longueuil.....	20 68	
North.....	23 16		South-Eastern ...	23 80	
South.....	18 20		Manitoba.....	22 20	Condemned as a passen- ger boat.
Terrebonne.....	32 04		Princess.....	31 16	
Sorel.....	14 32		Star.....	22 64	
Magnet.....	49 16		La Prairie.....	28 92	
Mouche-à-Feu ...	16 56		Acadian.....	42 24	
Montreal.....	96 44		Laurentide.....	19 68	
Chambly.....	33 88		James.....	13 08	
Three Rivers.....	76 40		Eugenie.....	.....	Not running.
Abenakis.....	13 80	Condemned as a passen- ger boat.	Ste. Croix.....	25 84	
Quebec.....	130 24		Brothers.....	18 48	
Nepignon.....	32 16		Etoile.....	30 40	
Matawan.....	32 48		Saguenay.....	51 08	
Rivière du Loup..	14 92		Dagmar.....	24 20	
Otter.....	16 76		F. B. Maxwell.....	27 88	
Orleans.....	15 24		Prince of Wales...	32 40	
Miramichi.....	37 08		Passport.....	49 36	
Polino.....	40 28		Cultivateur.....	35 48	
Montmagny.....	22 04		Le Cultivateur...	14 08	
Spartan.....	54 76		Berthier.....	52 04	
Algerian.....	44 56		Canada.....	88 36	
Corsican.....	56 12		Albion.....	5 20	
Filgate.....	18 52		Ed. Arpin.....	5 20	
Belmont.....	13 32		Union.....	35 48	
Corinthian.....	50 44		St. Louis.....	25 12	
Bohemian.....	53 52		Ninie.....	7 72	
St. Francis.....	40 12		Levis.....	14 24	

STEAM Vessels Inspected for the Year, &c.—Quebec and Montreal Division—*Con.*

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Bienvenu	33 92		L'Assomption	7 76	
Bourgeois	14 84		Agnes	6 16	
Laval	8 66		Mouche-à-Feu.....	5 80	
Rocket	31 60		Nymph	7 96	
Boucherville	6 44		Le Cultivateur....	5 60	
Coban	50 52		Nil Desperandum.	6 08	
Express	12 00		St Lambert	14 88	
Thousand Island Rambler	5 80		Huntly .....	... ..	Condemned.
Spray .....	.....	Not running.	C. Anderson.....	12 20	
Peerless	49 56		Contest	17 24	
Empress.....	15 52		Lady of Lake.....	32 28	
Walter B.....	6 12		Mountain Maid....	12 72	
St. Ann.....	6 00		Newport	5 48	
Aylmer	6 04		Maud	15 76	
			Canadian.....	5 00	

PIERRE D. BRUNELLE,
Inspector of Hulls.

STEAM VESSELS Inspected for the Year ended 31st December, 1883, including New Brunswick, Nova Scotia, Prince Edward Island and Cape Breton.

Name of Vessel.	Description.	Where Inspected.
Hiawatha.....	Screw steamer, passenger.....	St. John, N.B.
Empress	Paddle-wheel steamer, passenger	Yarmouth N.S., and St. John, N.B.
City of St. John.....	do do	Inliantown, St. John, N.B.
Dominion.....	Screw steamer, passenger.....	St. John and Annapolis, N.S.
Edgar Stuart.....	do do	Halifax.
David Weston	Paddle-wheel steamer, passenger	St. John.
Star	do do do	do
Soulanges.....	do do do	do
May Queen.....	do do do	do
Fawn	do do do	do
Beaver.....	Screw do do	Pictou, N.S.
Marion	Paddle-wheel do do	Halifax and Sydney, C.B.
Alpha	Screw do do	Halifax.
Onangoudy	Paddle-wheel, ferry.....	St. John.
Admiral	do steamer, passenger.....	Dartmouth, N.S.
M. A. Starr	Screw do do	Halifax.
Rimouski	do do do	do
Sir Charles Ogle	Paddle-wheel, ferry.....	Dartmouth, N.S.
Mic Mac	do do	do
Enterprise	do do	St. John.
Oscar Wilde.....	Stern-wheel, passenger.....	Woodstock, N.B.
Florenceville	do do	do and St. John.
Forest Queen.....	Paddle-wheel, ferry.....	Fredricton, N.B.
Douglas.....	do do	do
Sarah F.....	do do	do
May Queen.....	do do	North Sydney, C B.
Earl of Dufferin.....	Screw, tug	St. John, N.B.
Andover.....	Stern-wheel, ferry.....	Newcastle, N.B.
Laura	Screw steamer, ferry	do
Teaser.....	Paddle-wheel steamer, ferry.....	Chatham, N.B.
Lady Dufferin.....	do do do	Newcastle, N.B.

STEAM VESSELS Inspected for the year, &c., including New Brunswick, Nova Scotia, Prince Edward Island and Cape Breton— *Concluded.*

Name of Vessel.	Description.	Where Inspected.
Ripple.....	Screw steamer, ferry	Newcastle, N.B.
William Stroud.....	Screw steamer, tug.....	St. John, N.B.
Neptune	Paddle-wheel steamer, passenger.....	Port Hawkesbury.
Merrimac	Screw do tug, ferry.....	North Sydney.
Lady of the Lake.....	Paddle-wheel steamer, ferry	do
Richmond.....	do do do	Grandique.
Powerful	do do passenger.....	Port Hawkesbury.
Chebucto.....	do do ferry.....	Dartmouth, N.S.
Lady Dufferin.....	do do do	Newcastle, N.B.
Earl of Dufferin.....	Screw steamer, tug, repairing	St. John, N.B.
Western Extension	Paddle-wheel, ferry.....	do
George Shuttuck.....	Screw steamer, passenger	Halifax, N.S.
Mermaid.....	do do ferry.....	do
Norwegian.....	do do do Straits of Canso	do
David Weston.....	Paddle-wheel steamer, passenger	St. John.
Princess of Wales.....	do do do	Summerside, P.E.I.
Wellington.....	do do ferry.....	do
Erin.....	do do do	Charlottetown, P.E.I.
Southport	do do do	do
Heather Bell.....	do do do	do
Summerside.....	Screw steamer, passenger	do
Montague.....	Paddle-wheel, ferry.....	Georgetown.
St. Lawrence.....	do steamer, passenger.....	Charlottetown, P.E.I., and Pictou, N.S.
May Flower.....	Screw do ferry.....	Pictou, N.S.
Yuba.....	Paddle-wheel do do	Lockport, N.S.
Joe Edwards.....	Screw do do	Annapolis, N.S.
David Duncan	do do do	Digby, N.S.
Pinafore.....	do do do	Hantsport, N.S.
Marina.....	do do do	Yarmouth, N.S.
Heather Belle	Paddle-wheel do do	Pictou, N.S.

C. R. COKER,
Inspector of Hulls.

HULL INSPECTIONS.

STEAM Vessels Inspected for the Year ended 31st December, 1883.

WESTERN 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.	
E. M. Foster.....	13 52	Twin screw, freight and passenger.	Prussia.....	36 40	Screw, pass. and freight.
Niagara.....	23 72	Screw, freight.	Dominion.....	82 04	do freight.
Armenia.....	32 48	do pass. and freight.	Clinton.....	22 20	do do
Glenfinlas.....	35 44	do freight.	Enterprise.....	41 00	do do
Myles.....	56 43	do pass. and freight.	Geneva.....	8 88	do Toronto ferry boat
Acadia.....	40 25	do do	Africa.....	34 08	do pass. and freight.
Celtic.....	85 91	do do	City of Owen Sound.....	51 72	do do
City of Montreal.	34 08	do do	Canada.....	33 76	do do
Alma Munro.....	35 56	do freight.	Myrtic.....	10 50	do do
J. W. Steinhoff. ...	20 48	do pass and freight.	Pacific.....	44 72	do do
City of Dresden...	15 76	do do	Campana.....	59 52	Twin screw do
Lothair.....	21 52	do freight.	Francis Smith...	60 96	Paddle do
Lake Ontario.....	35 00	do pass. and freight.	Georgian.....	20 08	Screw, freight and tag.
Lake Michigan....	35 72	do do	Kincardine.....	12 28	do do
Persia.....	38 28	do do	L. Shickluna.....	30 04	do freight.
Luella.....	6 52	do Toronto ferry boat	Fortune.....	16 82	do do
Ada Alice.....	5 60	do do	Chicora.....	45 24	Paddle, pass. and freight
Arlington.....	5 92	do do	Europe.....	36 36	Screw do
Prowett Beyer....	5 40	do do	Scotia.....	32 96	do freight.
Annie Craig.....	8 20	do do	Atlantic.....	35 32	do pass. and freight.
J. L. McEdwards.	5 88	do do	California.....	34 72	do do
Maggie Mason....	6 00	do do	Hope.....	14 81	do ferry boat.
Canadian.....	17 24	Paddle do	Byron Terrice...	18 72	do pass. and freight.
St. Jean Baptiste.	14 88	do do	Quebec.....	64 16	do do
Rupert.....	28 48	do passenger.	Beatrice.....	6 20	do ferry boat.
Argyle.....	30 04	Screw, freight.	International....	42 04	Twin screw, car ferry.
Lincoln.....	18 80	do do	Huron.....	50 08	do do

STEAM Vessels Inspected for the Year, &c.—Western Division—Continued.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
City of Toronto...	43 92	Paddle, pass. and freight	Carrilla	6 40	Screw, pass. and freight.
Clara Louise.....	5 80	Screw, ferry boat.	Tecumseh.....	38 60	do freight.
C. M. Pratt.....	17 84	do freight.	City of Guelph....	5 44	Paddle, passenger.
Ada E. Allen.....	11 80	do do	Inter-Ocean.....	13 76	Screw do freight and tug.
Great Western....	51 20	Paddle, car ferry.	Pioneer.....	5 44	Screw, freight.
Transfer.....	69 68	do do	St. Magnus.....	41 12	do pass. and freight.
Saginaw.....	22 28	Screw do	G. H. Merritt....	12 88	do do and tug.
Transit.....	50 32	Twin screw, car ferry.	Cuba.....	31 08	do pass. and freight.
Queen Victoria....	30 08	Paddle, passenger.	James Buckley....		do tug, passenger not allowed.
Empress of India.	31 16	do pass. and freight.	Wales.....	19 00	do tug.
Queen.....	5 28	Screw do	Tender.....	6 20	do pass. and tug.
Enterprise.....	13 92	Twin screw, passenger.	Resolute.....	21 44	do freight.
Rosseau.....	7 12	Screw, passenger and tug	Bruno.....	24 00	do do
Muskoka.....	8 96	do tug.	Enterprise.....	No pap'rs	do pass. and freight.
Kenoyha.....	15 64	do freight and pass.	Champion.....	do	Paddle, freight and tug.
Wenonah.....	15 16	Paddle, pass. and freight.	City of Mount Clemens.....	8 36	Screw do
Nipissing.....	17 72	do do	Albion.....	16 80	do do
Helena.....	5 52	Screw, pass. and tug.	Erin.....	20 68	do do
Northern.....	8 96	Paddle do	Michigan.....		Paddle, car ferry.
Sutton Belle.....	5 24	Screw do	Ocean.....	35 35	Screw, pass. and freight.
Ontario.....	61 52	do pass. and freight.			
United Empire....	86 40	do do			
Maganettawan....	18 75	do do			

THOMAS HARBOTTLE,
Hull Inspector.

STREAM Vessels Inspected for the Year ended 31st December, 1883.

WESTERN ONTARIO DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts	
Southern Belle....	25 12	Paddle, passenger	J. C. Clark.....	13 80	Screw, tug and freight.
Manitoba	47 20	do do and freight	Princess Louise..	2 48	Paddle, passenger, on River Thames, London.
Hiawatha	14 48	Screw do do	Ruby.....	7 88	Screw, pass. and tug.
Enterprise.....	12 88	do tug and freight.	Tecumseh	38 60	do freight.

THOMAS F. TAYLOR,
Hull Inspector, pro. tem.

STEAM Vessels Inspected for the Year ended 31st December, 1883.

EASTERN ONTARIO DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Princess Louise...	12 60	Screw, pass. and freight.	Whistle-Wing	8 52	Paddle, pass. and tug.
Nellie Cuthbert...	7 36	do passenger.	Cruiser.....	6 24	Screw do
Vuruna	13 36	do do and freight.	Fairy.....	5 92	do do
Utica	7 08	do do do	Beaubocage.....	13 16	Paddle, passenger.
Prince Arthur	39 40	Paddle, passenger.	Eva	6 34	Screw, pass. and freight.
Saxon	12 24	Screw, freight bargs.	Bella Fair	5 26	do After inspection, made into private yacht
Belle Wilson.....	12 40	do do	Ontario.....	8 20	Paddle, tug.
Hastings	26 92	Paddle, pass. and tug.	Victoria	12 64	do
Puritan	18 20	do passenger.	Mary Louise.....	5 60	Screw, passenger.
Transit.....	13 60	Screw, passenger and freight, ferry.	Grenada.....	7 28	do pass. and freight.
Rothsay	41 56	Paddle, passenger.	Chicoutimi	12 40	Paddle do
Florence	5 24	Screw, passenger.	Princess Louise...	6 80	Screw do Cornwall.
City of Belleville.	12 04	do do and freight, ferry.	Eureka	7 32	Screw, pass. and freight.
Lively.....	5 24	do passenger.	Water Lily	5 16	do Made into private yacht after inspection
Chaffey	6 72	do pass. and freight, ferry.	Swan.....	5 96	Screw, passenger.
Catherine	5 60	do passenger.	Ontario.....	18 36	do pass. and freight.
Dennis Bowen	6 28	do do and tug.	Annie Gilbert	5 80	do passenger.
Isaac Butts	15 96	Paddle do do	Olive.....	16 52	do pass. and freight.
Dora	5 80	Screw, passenger.	Lily Nicholson ..	5 72	do passenger.
Golden Eye	19 52	Paddle do			

THOMAS F. TAYLOR,
Hull Inspector, pro. tem.

Of the above vessels I condemned the steamers "Ontario," of Port Hope, 80 gross tons, and 50 register tons, and the "Victoria," of Port Hope, 191 gross and 120 register, both running on the waters in the County of Victoria, as unfit to carry passengers.

T. F. TAYLOR.

STEAM Vessels Inspected for the Year ended 31st December, 1883.

EASTERN ONTARIO DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Inspected at	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Inspected at.
	\$ cts.				
Alexandra.....	45 60	Kingston.	Maud.... ..	19 72	Kingston.
Armenia	12 40	Deseronto.	Northern Belle....	28 52	Collingwood.
D. C. West	7 40	Kingston.	Norseman	39 32	Port Hope.
D. R. VanAllen...	17 72	Port Hope.	Prince Edward...	8 88	Belleville.
Deseronto	7 72	Deseronto.	Pilgrim	5 76	Deseronto.
Gipsev	21 00	Kingston.	Pierrepont.	18 08	Kingston.
H. B. Sherwood...	6 44	Deseronto.	Quinté	21 24	Deseronto.
Hero .....	.....	Kingston.	Reliance .....	.....	Kingston.
L. Shickluna	30 00	do	Watertown	18 68	do
Mary Ethel.....	8 96	Belleville.			

M. P. McELHINNEY,
Hull Inspector.

STATEMENT of Steam Vessels lost, broken up or laid up, as unfit for service, in the Dominion, during the Year ended 31st December, 1883; 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.
City of Toronto....	Toronto and Niagara, passenger	Glenfinlass.	Quebec and lakes, freight.
Queen Victoria. ...	Burlington Bay do	Enterprise.....	Lakes and rivers do
Princess Louise....	London do	Manitoba.....	Wallaceburg & Detroit, freight.
Forest City.....	do do	Erie Belle.....	Windsor, tug.
Eclipse.....	Algoma Mills, tug.	Emily May.....	Lake Simcoe, passenger.
Colin Munro.....	Warton do	J. S. Noyes.....	River Thames, tug.
Huron.....	Midland do	Josephine Kidd.....	Warton & Owen Sound, freight
Flora Barnes.....	Lake Muskoka do	Mary Anna.	Warton, tug.
R. B. Hayes.....	Waubausheue do	Wm. Hall.....	Dunnville, tug.

EAST ONTARIO DIVISION.

Champion.....	St. Lawrence, tug.	Shannon.....	Bay of Quinté, passenger.
R. S. Sperry..	Lake St. Francis, passenger.		

MONTREAL DIVISION.

J. B. A.....	Ottawa, tug.	St. Francis.	Montreal, passenger.
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QUEBEC DIVISION.

St. Joseph.....	Lake St. Joseph, paddle tug.	Royal.....	Paddle tug.
Prince Edward.....	Winter ferry, Lévis, screw.		

MARITIME PROVINCES DIVISION.

Robt. H. Lowe.....	Windsor River, tug.	Camina..	Halifax, N.S., to St. John, Newfoundland, passenger.
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STATEMENT of Steam Vessels lost, broken up or laid up as unfit for service, &c.—*Con.*

BRITISH COLUMBIA DIVISION.

Name of Vessel.	Where and how employed.	Name of Vessel.	Where and how employed.
Caribou Fly	Victoria, barge.	Ada	B. Inlet, tug.
Grappler.....	do tug.	Victoria.....	Naas River, tug.

MANITOBA, KEEWATIN AND NORTH-WEST TERRITORIES DIVISION.

Watchman.....	Fort William, L.S., tug.	Adelaide.....	Winnipeg, ferry.
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STATEMENT of the Number of Steam Vessels added to the Dominion, during the Year ended 31st December, 1883, 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 DIVISION.

Name of Vessel.	Horse-power.	Class.	Wood or Iron.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and how Employed.
United Empire.....	151.31	Screw	Wood ...	1,961	1,298	Sarnia, 1883	Sarnia and Duluth, passengers.
Heather Belle	6.00	do	do ...	20	13	Meaford, 1882.....	Fishing tug, Killarney.
Atlanti)	26.80	do	do ...	693	442	Owen Sound, 1883	Georgian Bay, passengers.
Fortin)	30.36	do	do ...	283	168	Fort Franks, 1876.....	Lakes and rivers, freight.
St. Pacific.....	29.16	do	do ...	918	624	Owen Sound, 1883	Georgian Bay, passengers.
Minden	0.80	do	do ...	4	3	Minden, 1880.	Toronto Harbour, yacht.
Sea Flower	1.22	do	do ...	7	5	Toronto, 1883.....	do Tug.
George Campbell	6.04	do	do ...	26	18	Chatham, 1868.....	Sydenham and St. Clair Rivers, tug.
W. J. Taylor.	1.27	do	do ...	9	7	do 1883... ..	Thames River, tug.
Gertrude A. Banney	3.63	do	do ...	14	9	Port Colborne, 1883.	Georgian Bay, fishing tug.
Phoenix.....	14.61	do	do ...	25	18	Sauble Falls, 1883.....	Sauble Mills, tug.
D. D. Galvin.....	84.53	do	do ...	606	.....	Garden Island, 1883.	Freight and tug, on lakes and river.
Enterprise	19.26	do	do ...	148	99	Rama, 1870.	Passengers, Lake Simcoe.

W. J. MENKILLEY,
Steamboat Inspector, West Ontario.

STATEMENT of the Number of Steam Vessels added to the Dominion, during the Year ended the 31st December, 1883, their Class and Horse Power, whether of Wood or Iron, their Gross and Registered Tonnage; where Built, and where and how Employed.

MANITOBA, KEEWATIN AND NORTH-WEST TERRITORIES DIVISION.

Name of Vessel.	Horse-Power.	Class.	Wood or Iron.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and How Employed.
Couchiching	19.26	Screw	Wood ..	107.42	92.72	Rat Portage, 1883	Lake of the Woods, tug.
D. L. Mather	27.48	do	do ..	103.32	70.26	do 1883	do do
Cruiser	00.83	do	do ..	11.69	7.88	Not known, 1878	do do
Caro	00.81	do	do ..	3.55	1.44	Toronto, 1880	do do
N. Mosher	14.61	do	do ..	33.19	22.57	Fort Francis, 1879	do do
Algoma	27.28	do	do ..	.....	.....	Rat Portage, 1883	do do
Victoria	12.45	do	do ..	.....	.....	do 1883	do do
Percy Sutherland	14.61	do	do ..	33.55	22.82	Fort Francis, 1881	do do
Dogberry	2.00	do	do ..	13.25	9.01	Rat Portage, 1880	do do
Enterprise	3.84	do	do ..	38.22	26.04	Fort Francis, 1882	do do
Queen	4.65	do	do ..	.....	.....	Rat Portage, 1883	do do
Mary Hatch	50.64	Paddle	do ..	118.45	74.62	do 1881	do do
Empress	27.48	Screw	do ..	.....	.....	do 1883	do do
City of Mount Clemens	14.76	do	do ..	102.04	69.39	Mount Clemens, N.S.	Port Arthur and Lake Superior, freight.
Siskiwit	13.74	do	do ..	47.17	34.27	Buffalo, 1875	do do
Jennie S. ....	.....	do	do ..	14.27	10.35	Fort Francis	Tug, Rainy Lake.

W. J. MENEILLEY,
Steamboat Inspector, Manitoba, Keewatin and North-West Territories.

STATEMENT of the Number of Steam Vessels added to the Dominion, during the Year ended the 31st December, 1883, their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

WEST ONTARIO DIVISION.

Name of Vessel.	Horse-Power.	Class.	Wood or Iron.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and how employed.
Richard S. King.....	26-68	Screw.....	Wood...	47-34	39-73	Port Robinson.....	Towing on the Welland Canal.
Kenosha.....	17-97	do.....	do...	191-33	123-87	Gravenhurst.....	Passengers and freight, Muskoka Lakes.
H. L. Lovring.....	6-29	do.....	do...	55-39	37-67	Wanbaushene.....	Towing, Wanbaushene.
Severn.....	19-11	do.....	do...	.....	.....	do.....	do
Rock.....	.....	do.....	do...	.....	.....	Midland.....	Fishing, Georgian Bay.
James Clark.....	15-78	do.....	do...	48-18	32-76	Warton.....	do
Minnie Kidd.....	3-70	do.....	do...	.....	.....	Formerly Mary Anna.....	do
Clucas.....	.....	do.....	do...	28-14	19-14	.....	do
O. H. Merritt.....	.....	do.....	do...	121-68	82-68	Chatham.....	Passengers and freight, Chatham & Detroit.
Queen.....	.....	do.....	do...	6-63	4-51	Belle Ewart.....	Ferry, Belle Ewart.
Augusta.....	.....	do.....	do...	57-11	30-65	.....	Towing, Welland Canal.
Ella Taylor.....	.....	do.....	do...	33-99	23-11	Chatham.....	do Chatham.
Daisy.....	.....	do.....	do...	.....	.....	.....	Yacht, Penetanguishene.
Falcon.....	.....	do.....	do...	Not measured.	.....	Sturgeon Lake.....	Tug, Lake Nipissing.

E. S. VIGER,
Steamboat Inspector, West Ontario Division.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended 31st December, 1883; 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.
Ometa.....	3-56	Screw.....	Wood...	22	14	Brockville,	1879..... Steam yacht, River St. Lawrence.
Myrtle.....	2-73	do.....	do...	9	7	do.....	do do
Juno.....	2-73	do.....	do...	10	8	Trenton,	1880..... do do
Pearl.....	1-25	do.....	do...	5	4	Watertown, N. Y.,	1876..... do do
Clipper.....	1-50	do.....	do...	4	3	Brockville,	1880..... do do
Topsy.....	0-75	do.....	do...	1	0-73	do.....	do do
Constance.....	1-27	do.....	do...	3	2	Wolfe Island,	1878..... do do
Freemason.....	9-00	do.....	do...	105	63	Kingston,	1883..... Freight, Rideau Canal.
Carlton.....	2-00	do.....	do...	8	not reg	Westport,	1878..... Steam yacht, River St. Lawrence.
Seaborn.....	1-27	do.....	do...	9	do	Brockville,	1877..... do Lindsay waters.
Mary Louise.....	2-83	do.....	do...	10	7	Port Perry,	1883..... Passenger, do
Rosamond.....	3-50	do.....	do...	23	15	Belleville,	1883..... Steam yacht on Bay of Quinte.
Grenada.....	7-72	do.....	do...	57	43	Prescott,	1883..... Passenger, Lake St. Francis.
Orfote.....	1-00	do.....	do...	8	2	Clayton, N. Y.,	1875..... Steam yacht, River St. Lawrence.
Eva.....	1-00	do.....	do...	2	1-75	Brockville,	1879..... do do
Blinkbonny.....	1-00	do.....	do...	3	2	do	1881..... do do
Spray.....	1-25	do.....	do...	4	3	do	1880..... do do

Swan.....	4-86	do	do ..	24	17	Kingston,	1881.....	Passenger	do
Water Lily.....	1-27	do	do ...	not reg.	not reg.	Murray,	1880.....	Steam yacht, West Lake.	
Ripple	2-37	do	do ...	16	10	Hull,	1878.....	Tug, Mississippi River.	
D. G. Thomson.....	48-48	do	do ...	185	78	Kingston,	1883.....	Tug, Lake Ontario & River St. Lawrence.	
Albani.....	11-85	do	do ...	68	39	Sorel, P. Q.,	1882.....	Steam yacht	do
Beaver	6-38	do	do ...	18	12	Gore's Landing,	1883.....	Passenger, Rice Lake.	
Resolute	40-42	do	do ..	336	227	Deseronto,	1883.....	Freight, Lake Ontario.	

EDWARD ADAMS,
Steamboat Inspector.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended the 31st December, 1883; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where built, and where and how Employed.

MONTREAL DIVISION.

Name of Vessel.	Horse-power.	Class.	Wood or Iron.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and How Employed.
Eva	3	Screw	Wood ...	6	4	Montreal	Towing and passengers on Lievre River.
Agnes	5	do	do ...	29	19	Buckingham ...	do do
Maggie	6	Centre-wheel	do ...	15	10	Pembroke	Towing above Pembroke.
S. S. Coban	130	Screw	Iron.....	1,063	688	England	Freight and passengers—Montreal and Gulf ports.

JOHN BURGESS,
Steamboat Inspector.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended the 31st December, 1883; 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.
Lévis.....	38.06	Screw.....	Wood ..	157	69	Lévis, in 1883	Ferry, Quebec and New Liverpool
Ninie.....	11.23	do	do ..	68	46	do	Pleasure yacht.
Diver.....	4.00	do	do ..	86	86	St. Thomas, in 1883	Wrecking schooner.
Florence.....	6.39	do	do ..	133	90	Quebec, in 1883	do
51 Bell.....	32.66	do	do ..	51	35	do	Tug, Saguenay River.
Canadien.....	4.00	Registry not completed.				Sorel, in 1883	Pleasure yacht.
Le Cultivateur.....	29.28	Centre-wheel	Wood ..	152	103	do ..	Ferry, La Tortue.

JOS. SAMSON,
Boiler and Machinery Inspector.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended the 31st December, 1883; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage, where Built, and where and how Employed.

MARITIME PROVINCES DIVISION.

Name of Vessel.	Horse-power.	Class.	Wood or Iron.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and how Employed.
Heather Belle	33	Passenger	Wood ...	282	189	Mount Stewart, P. E. I.	Paddle, passenger, Charlottetown, Orwell and Crapaud, P. E. I.
Quiddy	10	Tug	do ...	30	19	Portland, St. John, N. B.	Screw, tug, Miramichi River, N. B.
Scotia	21	do	do ...	42	28	Hantsport, N. S.	do do Windsor, N. S., &c.
St. Laura	24	Ferry	do ...	14	8	Yarmouth, N. S.	do ferry and tug, Miramichi River, N. B.
Marima	18	Tug	do ...	32	16	do	do tug and freight, Yarmouth and Cape Island, N. S.
Loyalist	3	Yacht	do ...	4	2	Portland, St. John, N. B.	do pleasure yacht, St. John, N. B.
Marion	59	Passenger	do ...	478	269	New York, U. S.	Paddle, passenger, Bras d'Or Lake, O. B.
Oscar Wilde	12	do	do ...	72	45	Woodstock, N. B.	Stern-wheel, passenger, Woodstock to Grand Falls, N. B.
St. Andrew	40	Tug	do ...	76	52	Chatham, N. B.	Screw, tug, Miramichi River, N. B.
Islet	8	Fishing boat	do ...	5	3	Yarmouth, N. S.	do fishing-boat, Yarmouth, N. S.
Lillie	21	Tug	do ...	72	48	do	do tug, Miramichi River, N. B.
F. O. Battie	14	do	do ...	33	16	do	do do Charlottetown, P. E. I.
Yuba	5	Ferry	do ...	12	6	do	do Ferry, Barrington Harbour, N. S.

WM. M. SWITH,
Deputy Chairman Board Steamboat Inspectors.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended the 31st December, 1882; 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 Ves. el.	Horse-power.	Class.	Wood or Iron.	Gross Tonnage.	Registered Ton- nage.	Where Built.	Where and how Employed.
Myra (late Pella Slope)	26-27	Stern-wheel	Wood ..	21-29	71-89	Victoria	As a freight and passenger boat on Fraser River.
Robert Dinamuir	10-10	Side-wheel	do ..	221-75	146-00	New Westminster	Freight and passenger, from Nanaimo to New Westminster.
Lettie	1-76	Screw	do ..	29-24	4-20	Victoria	Fish tug on Fraser River.
Spratts Ark	10-63	do	do ..	770-45	419-42	do	Steam fish cannery on coast.
Alpha	0-38	do	do ..	5-06	3-48	Hong Kong	Steam launch, Kootenaye Lake.
Baby	7-05	do	do ..	39-14	26-02	Puget Sound	Fish tug on Fraser River.
Yosemite	148-93	Side-wheel	do ..	1525-03	1054-76	San Francisco	Passenger and freight, Victoria to New Westminster.
Barbara Boscowitz	14-06	Screw	do ..	289-30	263-02	Victoria	Passenger and freight, Victoria to Wrangle.
Alice	2-67	Side-wheel	do ..	54-10	34-09	New Westminster	Freight, on North Arm of Fraser River.

ARTHUR VIPOND,
Acting Steamboat Inspector.

APPENDIX No. 2.

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, 1883, to 31st December, 1883.

Date of Casualty.	Name of Vessel.	Age.	Port of Registry.	Rig.	Register Tonnage.	Port sailed from. — Fort bound to.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
May 15	A. B. Baxter...	15	Windsor, N.S.	Schooner.....	73	Parrboro', N.S., to St. John, N.B.	Quaco Reef.....	Stranding ...	Squall.....	.....	.... Total	\$ 2,000
Aug. 12	A. B. Crosby ..	1	Halifax, N.S...	do	198	Arichat to Boston, U.S.	Half-moon Rock Barrington, N.S.	do ...	Error in judgment.	.....	do	8,000
do	Active	12	do	do	38	Louibnrg to Halifax, N.S.	20 miles off Liscomb.	Loss of sails and rigging	Hurricane .....	.....	.. Partial c'go do	350
May 4	Admiral.....	12	Quebec.....	Steamer.....	508	New York to Pictou N.S.	West side of Sambro Island.	Struck a Fog rock.	Fog .....	.....	do	1,500 Ballast.
Oct. 27	Adelaide.....	8	Sackville, N.B	Schooner.....	198	New Brandon to Boston, U.S.	Miscou Island, N.B.	Stranding ...	Thick fog.....	.....	.... Total c'go do	9,000 4,000
do	Agra	19	Charlottetown, P.E.I.	Bark.....	696	Philadelphia to Liverpool.	Lat. 38° N., Long. 60° W.	Loss of sails	Stress of weather.	.....	.. Partial	300
Aug. 29	Alblon	7	Barrington, N.S.	Brigantine...	171	Cow Bay to Boston, U.S.	Of Cape Canso, N.S.	do .	do ..	.....	do	300
May 19	Alice.....	.....	Dramen, Norway.	Bark.....	768	Quebec to Patiscan.	Point Saint Antoine.	Stranding ...	Carelessness of pilot.	.....	do	5,500
Aug. 29	Alice L. M. Crowdis.	4	Halifax, N.S...	Schooner.....	52	Margaree to Halifax, N.S.	Margaree Beach....	do ...	Gale .....	.....	do	200
April 8	Amaranth.....	18	Greenock.....	Bark.....	1198	Greenock to Quebec	Near Point Carleton bou.	do ...	Fog and snow .....	.....	.. Partial c'go do	10,000 Unknown.

Date	Name	Origin	Destination	Ship	Ballast Que.	Ground, Collision	Stress of weather.	Partial c'go do	Value
June 31	Amphion	Norway	do	do				.....	200
Aug. 30	Amelia	Arichat	Schooner	L'Ardoise	L'Ardoise	Stranded	Gale	.....	500
Jan. 20	America	Windsor, N.S.	do	Boston to Cornwallis Co., N.S.	South shore King's Co., N.S.	do	Sprung a leak.	do	150
Aug. 19	Anna Beck	Victoria, B.C.	do	Nanaimo to Victoria	Bearer Point, Salt Spring Island	Fire	Spontaneous combustion.	.....	800
Jan. 10	Annie	Windsor, N.S.	Brigantine	Cornwallis to New York.	Basin of Minas, N.S.	Stranding	Sprung a leak.	.....	2,000
do 18	Annie Ingram	Halifax, N.S.	do	Sydney to Halifax	Entrance to Petit de Grat, O.B.	do	S. of W. and trying to make harbor.	.....	1,000
Sept. 17	Annie Maud	Sackville, N.B.	Bark	Quebec to River Platte	Anticosti	Stranding	Fog	.....	800
Mar. 20	Arthur	Yarmouth, N.S.	Brigantine	New York to Yarmouth.	Long Island Sound	Collision	Schooner A. M. Lee	.....	3,000
5 th May 10	Ashton	Weymouth, N.S.	Schooner	St. Martin's, W.I. to Weymouth.	Lat. 42° N, Lon. 62° 40' W.	Damaged	Stress of weather.	.....	800
July 1	Asilda	Quebec	Tug	Quebec Harbor	St. Lawrence Dock, Lévis.	Fire	Spontaneous combustion.	.....	500 00
Aug. 29	Atlas	Pensacola, U.S.	Brigantine	North Sydney to Cow Bay.	Cow Bay Harbor	Stranding	Gale	.....	4,600 00
Nov. 12	A. Fred. Archer.	Yarmouth, N.S.	do	Antigua to Yarmouth	Sunday Point	do	Parted cables.	.....	4,020 00
do 16	Annie Simpson.	St John, N.B.	Schooner	Halifax to Wallace, N.S.	Gull Rock, off Sambro.	do	Thick weather	.....	2,000 00
do 16	Angus Grant.	Shelburne, N.S.	do	Halifax to Georgetown, P.E.I.	4 miles west of Cape George Light	do	Gale	.....	6,500 00
Aug. 29	Arabia	Dorchester, N.B.	Bark	St John to Liverpool.	150 miles S.E. of Halifax.	Lost rudder and other damages.	Stress of weather.	.....	6,000 00
Nov. 27	Alpine	St. Johns, Nfld	Schooner	Carbonar, Nfld, to Charlottetown, P.E.I.	Sand Point, Strait of Canso.	Stranding	Error in judgment.	.....	Ballast 1,600 00
								.....	4,000 00
								.....	3,900 00
								.....	500 00
								.....	285 00

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.
do 19	Anziola	1	St. John, N.B.	do	165	St. Johns, Nfld., to Sydney.	65 miles S.S.E. of St. Pierre.	Abandoned at sea.	Heavy gale....	.....	....Total	9,000 00
Aug. 29	B. J. Willard.	11	Philadelphia, U.S.	Schooner.....	260	Philadelphia to Naples.	Lat. 44° N., Lon. 66° W.	Loss of sails.	Stress of weather.	.....	....Partial	2,200
Feb. 10	Beaver.	48	London, G.B.	Steam tug...	109	Victoria to Burrard Inlet.	Burrard Inlet.....	Struck on rock.	Took a shear..	.....	do	200
Jan. 26	Beulah Benton	8	Shelburne, N.S.	Schooner....	34	Liverpool to Halifax	Mouth of Lehave River.	Stranding ...	Error in judgment.	.....	do	160
Aug. 3.	Belle of the Bay	8	Guysboro', N.S.	do	20	Halifax to Guysboro'	Canso Harbor.....	do	Dragged anchors.	.....	do	600
April 24	Bessie Curry...	new	Windsor, N.S.	3 masted schooner.	183	Halifax to St. Jago, Cuba.	Turks Islands, Caricos Passage.	do	Captain sick; mate neglected his duty.	.....	....Total	10,000
June 21	Birmingham ...	23	Liverpool, Eng.	Ship.....	1400	Quebec to Liverpool.	2 miles below the Lower Travers Light Ship.	do	Tug let go the hawser too soon.	.....	....Total	2,000
Jan. 14	Blanche	4	Pictou, N.S.	Bark.....	822	Liverpool, Eng., to Norfolk, Va.	Near the Western Islands.	Hove on beam ends	Stress of weather.	.....	....Partial	5,000
Aug. 29	Blue Wave.....	new	Sydney, C.B.	Schooner.....	37	North Sydney to Halifax.	Cow Bay Harbor...	Stranding ...	Gale .....	.....	....Total	1,100
Jan. 21	Blomidon.....	19	Windsor, N.S.	Bark.....	563	New York to Eatonville, N.S.	Eatonville.....	do	Wind and tide.	.....	do	8,000.
Feb. 19	Bonetta	9	do	Schooner....	114	St. John, N.B., to Owenallis.	Canada Creek, N.S.	do	Ice.....	.....	do	1,800

Oct. 27	Bounty	16	Charlottetown P. E. I.	do	54	Picton to Charlotte- town, P. E. I.	Bohanan's Shore, Orwell Bay.	do	Stress of wea- ther.	..Partial c'go do	150
Aug. 1	Brantford City	3	West Hartle- pool.	Steamer	1566	Halifax to Boston	Arnold's Pt., Shel- burne Co.	do	Thick fog	....Total	280
Jan. 25	Bristol	4	Windsor, N.S.	Bark	1305	Antwerp to New York.	Mid-ocean, Atlan- tic.	Loss of masts and sails.	Heavy squall.	....Partial	30,000
May 9	Brilliant	29	Charlottetown P. E. I.	Schooner	72	P. E. Island to Vin- yard Haven, U.S.	Port Mulgrave, N.S.	Collision	Sch. "Alta"	do do	200
Aug. 1	Britannia	6	Sunderland, Eng.	Steamer	631	Swansea to Montreal	Matane, 3 miles from light.	Grounded on a reef.	Unknown	.....	Unknown.
Sept. 3	Britannia	6	Shoreham, Eng	Bark	444	Jamaica to Montreal.	N. E. Bar, Sable Island.	Stranding	Thick weather	10....Total c'go do	22,500 40,000
Aug. 21	Brittany	10	Jersey, Ch. Is- lands.	Topsail schooner.	84	Cadiz, Spain, to Fox River, Que.	1 1/2 mile N. of Uape Romer.	do	Parted chains.	do do c'go do	6,000 400
Mar. 23	Brothers	12	Yarmouth, N.S.	Bark	537	Holyhead to Yar- mouth.	Cape Sable, N.S.	Stranding	Snow storm	....Total	10,000
Oct. 24	Bridget Ann	28	Shelburne, N.S.	Schooner	52	Picton to Shelburne.	Cape George, Anti- gonish Co.	do	Sprung a leak	do do c'go do	2,000 180
Jan. 4	C. W. Ander- son.	10	Halifax, N.S.	Brigantine	97	Tunk's Island to Hal- ifax.	Lat. 40° N., Long. 66° W.	Loss of masts and sails.	White squall.	....Partial	2,000
Aug. 30	O. Ewerett	12	Liverpool, N.S.	Schooner	18	Liverpool to Fishing Grounds.	Canso Harbor	Stranding	Dragged up choys.	do do c'go do	100 100
Feb. 12	Calope	15	Windsor, N.S.	Ship	1202	New York to Liver- pool.	East of the banks Atlantic.	Loss of sails.	Stress of wea- ther.	....Partial	1,800
do	Canon Harri- son.	7	St. John, N.B.	do	1191	Galoutta to Liver- pool.	Lat. 44° N., Long. 23° 40' W.	Foundering.	do	....Total....Cargo	24,000 Unknown.
Aug. 18	Camperdown	36	London	Park	246	St. John, N. B., to Dennis, Sp.	Lat. 44° 10' N., Long. 56° 45' W.	Collision	Unknown stea- mer.	....Partial	1,500
May 27	Catherine	22	Picton, N.S.	Brigantine	197	Yarmouth, N.S., to Anichat.	Whitehead, N.S.	Stranding	Thick fog	do	1,000
do	Charger	27	Belfast, Ire- land.	Bark	1059	Belfast to Quebec	Upper Ballast Ground, Quebec.	Collision	"Nina" and "Glenhaven."	do	130
Aug. 29	Chapman	21	Finland	do	452	Pensacola to Amer- ican.	Lat. 38° N., Long. 63° W.	Loss of spars and sails.	Stress of wea- ther.	do	3,000

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 Loss.	Amount.
Mar. 23	Oberub	15	Halifax, N.S.	Schooner	40	Halifax to Port Medway.	Port Mouton Head.	Stranding...	Snow storm...	.....	.... Total	\$ 1,800
July 2	Christina	8	do	Brigantine...	154	.....	Halifax Harbor ...	do	Parted lines going to slip.	.....	.. Partial	800
Mar. 5	City of Chester	9	Liverpool, G.B.	Steamer	4568	New York to Liverpool.	660 miles east from Sandy Hook.	Broke her shaft.	Unknown.....	.....	do	Unknown.
June 3	Claudeboye....	4	Obatbam, N.B.	Bark	872	Newcastle, N.B., to Dublin.	4 miles east from stone island, W.I.	Stranding...	Fog and current.	.....	do	2,200
Oct. 12	Clifford	6	Halifax, N.S.	Brigantine ..	184	Jamaica to Halifax...	Lat. 41° 43' N., Long. 66° W.	Collision ...	Str. "Schiedam."	.....	.. Partial	2,000
April 14	Connaught ...	8	St. John, N.B.	Bark	698	Granville, B.C., to Cape Town.	Royal Roads, Victoria Harbor, B.U.	Stranding ...	Parted cables...	.....	.... Total	14,000
Sept.	Conductor	3	Windsor, N.S.	do	1063	Eristol, Eng., to New York.	Lat. 50° N, Long. 15° W.	Loss of sails and other	Stress of weather.	.....	.... Total	1,400
April 17	Contest	15	Portland, Me.	Schooner	47	Portland, Me., to Western Bank.	Put into Halifax ...	Strained in a gale of wind.	do	.....	do	91
Mar. 22	Crown Prince.	10	St. John, N.B.	do	81	St. John to Boston...	S.W. of Boone Island.	Leaking.....	do	.....	do	100
Sept. 5	Clio	3	Liverpool, N.S.	Brigantine...	168	St. Pierre, Mart. to Philadelphia, Pa.	St. Pierre Harbor.	Stranding ...	Hurricane .....	.....	.... Total	7,500
Jan. 8	Conductor	3	Windsor, N.S.	Bark	1063	London to New York.	Near the English Coast.	Loss of masts and sails.	Stress of weather.	1	.. Partial	400

Aug. 29	D. W. Dexter.	1	Windsor, N.S. Schooner....	234	Sydney, C.B. to Windsor, N.S.	Unknown	Missing	Unknown	7	.....Total c'go do	11,000 1,600
April 20	Dart	12	Guyboro', N.S. do	44	Halifax to Torbay, N.S.	8 miles east from Green Island	Loss of sails and rigging.	Stress of weather.	..... .....	..... .....	125 100
June 26	Daylesford	1	Snaderland ... Steamer.....	901	Sydney to Montreal.	S. W. Point of Magdalen Islands.	Stranding....	Dense fog.....	..... .....	..... .....	No damage 260
Mar. 28	Dexter	5	Liverpool, N.S. Schooner.....	148	St Vincent, B.W.I. to Liverpool, N.S.	Lat. 33° 10' N, Long. 61° 31' W	How on beam end and shifted cargo.	Stress of weather.	..... .....	..... .....	300 1,300
June 6	Discovery	20	Victoria, B.O. do	40	Burrard Inlet to Victoria, B.O.	Donner Point, Mayne Island.	Stranding ...	Current in calm.	.....Total	.....	450
Sept. 1	Dredge No. 7.	9	Not registered. Dredge .....	.....	Montreal Harbor.....	Opposite Victoria Pier.	Collision.....	SS. "Oxenholm."	.....Partial	.....	500
Sept. 26	Druid	1	St. John, N.B. Schooner.....	101	New York to St. John Mass.	Off Cape Ann.	Abandoned by crew.	Gale.....	do	do	1,200
Jan. 2	Dunrobin	9	Windsor, N.S. Ship	1375	Antwerp to New York.	Flushing Roads....	Collision ...	Stress of weather.	do	do	2,000
Aug. 11	Dwins.....	5	Shelburne, N.S. Schooner....	53	Fishing Banks to Lockport, N.S.	70 miles E.S.E. of Sambro.	Dismasted...	Stress of weather.	do	do	600
Sept. 6	Dorset.	2	Bristol..... Steamer.....	1715	Quebec to Montreal.	Near Contrecoeur.	Stranding ...	Took a shear.	..... .....	..... .....	Trifling. 100
July 9	Earl Dufferin .	9	St. John, N.B. Steamer	92	St. John, N.B. to Joggins, N.S.	East side of Tyne-mouth Creek.	Stranding ...	Engine caught on centre in tideway.	.....Partial	.....	250
Mar. 6	Echo	11	Halifax, N.S. Schooner.....	23	Herring Cove to Fishing Banks.	Morris Point, Ketch Harbor.	do	Wind & snow squall.	.....Total .....	..... .....	1,300 300
do 10	Edgar Stewart	9	do ... Steamer.....	183	Lunenburg to Yarmouth, N.S.	Doctor's Cove, Shelburne, N.S.	do	Ice .....	.....Partial	.....	6,000
Jan. 26	Edwin	4	North Shields. do	1241	North Shields to Montreal.	Wreck Bay, Anticosti.	do	Fog.....	do	do	Unknown.
Aug. 30	Edward Johnston.	9	Belfast, Me. Schooner....	380	Belfast to Sydney, C.B.	Cow Bay Harbor...	do	Gale	do	do	165 117
do 30	Ellen Mary	5	Arichat, N.S. do	35	Halifax to Arichat ...	Canso Harbor.....	do	Dragged anchors.	do	do	200

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.
Sept. 3	Elerie	1	Halifax	do	29	Pictou to Halifax....	Arising Breakwat'r	do	Gale .....	.....	do	500
Aug. 29	Ellie	7	do	do	117	Jamaica to Halifax...	Lat. 41° 30' N, Lon. 64° 10' W.	Loss of sails & rigging.	Hurricane. ....	.....	do	500
do	Ellie E. Butler	12	do	Brigantine..	186	Halifax to Kingston Ja.	Unknown	Missing	Unknown	8	.....Total c'go do	2,800 10,000
Mar. 4	Elsie	1	Charlottetown P.E.I.	do	316	Matanzas to St. John, N.H.	Matanzas Bay, Cuba.	Stranding ...	Running in without a pilot.	.....	do	1400
Oct. 30	Emerald	11	do	Schooner.....	75	Shediac to Newcastle, N.B.	Spit of Fox Island.	do	Snow storm....	.....	Partial	700
Sept. 10	Emma	4	Havsbury, N.S.	do	24	Margaree to Halifax, N.S.	Margaree Beach....	do	Jibstay parted in a gale.	.....	do	200
Oct. 24	Emma McMillan.	14	Liverpool, N.S.	do	20	Charlottetown to River Inhabitants.	McKenzie's Head, off Merigonish.	do	Did not heave the lead.	.....	do	250
Aug. 5	Emma S.....	new	Yarmouth.....	do	102	Grand Banks to Tus- ket Wedge.	SSW from Egg Is- land, 8 miles.	Dismissed..	Stress of wear- ther.	.....	do	650
Feb. 5	Enoch Train...	28	Halifax, N.S...	Ship	1779	New York to Bremer- haven.	Lat. 46° 12' N, Lon. 3½ W.	Foundering.	do	.....	.....Total	15,000
Mar. 21	Ethel Grauville.	2	St. John, N.B.	Schooner ...	109	Port William to New York.	Minas Channel, n'r Cape Sharp, N.S.	Abandoned	Ice .....	.....	do	4,500
Nov. 14	Etta	5	Yarmouth, N.S	do	107	Montague, P.E.I., to Yarmouth.	Tom Cod Rocks, Country Harbor.	Struck a rock.	Error of judg- ment.	.....	Partial c'go do	1,000 300

Aug. 29	Edith R.	4	Windsor, N.S.	do	109	Caledonia, O.B. to Yarmouth, N.S.	Unknown	Missing	7	Total
June 23	Filey	13	Newcastle	Steamer	773	Newcastle to Sydney O.B.	Flat Point, C.B.	Stranding	.....	.....
.....	Flash	7	Magdalen Islands	Schooner	47	Magdalen Islands to Quebec	Unknown	Missing	5	Total
Aug. 15	Fortuna	12	Halifax, N.S.	Brigantine	135	Halifax to St. Pierre	Langley, Miq	Stranding	.....	Total
do	Four Brothers	14	Sydney, O.B.	Schooner	104	Halifax to Guyaboro	Walkers Cove, Canso	do	.....	.....
July 19	Frances	9	Montreal	do	104	Nassau to New York	20 miles off Cape May	Foundering	.....	Total
Jan. 18	Fred. E. Seamell	2	Parsboro', N.S.	Ship	1349	Antwerp Belg. to New York	Brigantine Shoals	Stranding	.....	Total
Aug. 30	G.P. Sherwood	13	St. John, N.B.	Brigantine	399	Cow Bay to Andrews	St. Cow Bay Harbor	Fouled the breakwater	.....	do
5 July	Gertrude E. Smith	.....	Rockland, Me.	Schooner	279	Rockland to Windsor N.S.	Gannet Rock, Grand Menau	Stranding	.....	Total
April 14	Gettysburg	21	American	Ship	1015	Honolulu to Esqui- mant	Royal Roads, B.C.	do	.....	do
Aug. 15	Gladiator	17	London, Eng.	Bark	428	Boston, Mass. to Musquash, N.B.	Off Cape Ann bearing Km. W. by S.	Collision	.....	Partial
May 10	Glen Dochart	.....	London	Steamer	802	Boston to Pictou, N.S.	Flat Island, N.S.	Stranding	.....	do
do	Glenhaven	18	Cardiff	Ship	1434	ape Town to Quebec	Quebec Harbor	Collision	.....	do
Feb. 8	Grace E. Oann	15	Yarmouth, N.S.	Bark	683	Kingport, Ire, to St. John, N.B.	Basin of Minas	Damaged in ice	.....	do
April 21	trapper	29	Victoria, B.C.	Steamer	128	Departure Bay to Wrangle	Dunceas Point	Burning	60	Total
Nov. 14	Gulhare	10	Charlottetown P.E.I.	Bark	549	Glouce Bay to Havane, Cuba	44, 35 N., 60, 20 W.	Loss of sails and other damage	2	Partial

5,000
600

600

800
2,000

5,000

1,200

3,000
7,500

11,500

1,000

3,500
Ballast

25,000
Ballast

780
Ballast

Unknown

1,000

3,045

10,000
8,000

2,000

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	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount
Jan. 12	Halifax.....	15	Halifax, N.S.	Brigantine...	187	Tuck's Island to Halifax.	Lat. 31° 16' N., Lon. 72° 11' W.	Loss of masts and sails.	Stress of weather.	.....	Partial c'go do	\$ 1,750 00 72 00
Sept. 10	Hallgerda.....	9	Pictou, N.S.	Ship	1088	Saiwanfoo to Montreal.	Windmill Point....	Stranding ...	Insufficient water.	.....	do	500 00
Jan. 31	Hannah Blanchard.	5	Windsor, N.S.	Bark.....	991	Falmouth to New York.	Mid-ocean, Atlantic.	Loss of sails	Stress of weather.	1	do	1,000 00
Aug. 29	Harold	1	Lunenburg, N.S.	Schooner.....	99	St John's, Nfld., to Sydney.	45 miles S.E. of Scatarie.	Dismasted ..	Heavy gale.....	.....	do	1,200 00
July 7	Eer Majesty...	19	Liverpool, G.B.	Ship	1342	Quebec to Greenock.	Near St. John Point Lighthouse, Quebec.	Stranding ...	Dragged anchors.	.....	do	Unknown.
Aug. 29	Hercules.....	2	do	Steamer.....	741	Montreal to Cow Bay	Cow Bay Harbor...	Came in contact with Break' or	Gale .....	.....	do	5,000 00
do	Hester A. R. Vogler.	3	Halifax, N.S.	Schooner ...	71	St. Peter's Bank to Halifax.	St. Peter's Banks	Damage to sails and spars.	do .....	.....	do c'go do	500 00 200 00
Nov. 19	Hittero.....	26	Norway	Bark	456	Chatham to Bordeaux	Cape St. Lawrence Cape Breton.	Stranding ...	N. W. gale.....	12	.... Total c'go do	20,000 00 3,600 00
Sept. 28	Home	14	Annapolis, N.S.	Schooner ...	83	Boston to Port Lorne	10 miles west of Manhegan, coast of Maine.....	do	Dismasted.....	.....	do	1,200 00
May 27	Hortensia.....	.....	Porsgrund.....	Bark	795	Quebec to Three Rivers.	Point St. Antoine.	do	Carelessness of the pilot.	.....	Partial	1,200 00

STATEMENT of Wrecks and Casualties to Sea-going Vessels---Continued.

Date of Casualty.	Name of Vessel.	Age.	Part of Registry.	Rig	Register Tonnage	Port sailed from.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
Nov. 16	Kenia	New	Lunenburg, N.S.	do	141	Port Mulgrave to Charlottetown, P. E. I.	Near Roy's Island, Mingouish.	Stranding ...	Snow storm .....	.....	do	\$ 2,600
June 25	Kate	9	Lunenburg, N.S.	Brigantine ..	299	Old Bay to Sagua, Cuba.	Turks' Island	Stranding ...	Error of judgment.	.....	..... Total	9,000
Jan. ---	Kestrel	10	Windsor, N.S.	Bark	461	Orchilla, S. A. to New London, U.S.	Off Cape Hatteras.	Loss of sails.	Stress of weather.	1	..... Partial	750
July 17	Labrador	17	London, Eng.	Steamer	266	Quebec to Labrador.	North Perroquets-land, near Mingan Island.	Stranding ...	Thick fog .....	.....	.....	Unknown.
May 31	Lady Dufferin	11	Quebec	Schooner	95	Barbadoes to Quebec.	Off East Point, P. E. I.	Sprung a leak.	Stress of weather.	.....	..... Partial	200
Aug. 30	Lampport	14	London, Eng.	Steamer	1675	Baltimore to London.	Lat. 42° 43' N, Lon. 57° 18' W.	Deck swept, and damage to machinery.	do .....	.....	do	10,000
July 19	Lawrence De-lap.	5	Annapolis, N.S.	Ship	1688	Calcutta to New York.	Brooklyn, N.Y.	Burning	Fire from wharf.	.....	..... Total	50,000
do 15	Lepreux	7	St. John, N.B.	Bark	769	Dublin to St. John, N.B.	Lat. 43° 03' N, Lon. 63° 33' W.	Collision	Thick fog .....	.....	..... Partial	800
Jan. 5	Lillian	15	Halifax, N.S.	Schooner	48	Halifax to Port Hawkesbury.	Shut-in-Island, Three Fathom Harbor, N.S.	Stranding ...	Compass out of order.	.....	..... Total	1,000
May 21	Little Annie ..	10	St. John, N.B.	do	91	Joggins, N.S., to Plymouth, Mass.	Quaco, N.B.	do	Did not hear the fog-alarm.	.....	..... Total	2,500

Aug. 25	Lochiel.....	13	Halifax, N.S....	Brigantine....	108	Halifax to Jamaica....	Lat. 40° 10' N., Lon. 60° 12' W.	Loss of sails and spars.	Stress of weather.	.....	.....	.....	Partial	500
May 31	Loyal.....	20	Norway.....	Ship.....	1427	Norway to Quebec...	Quebec Harbor.....	Collision...	Ship "Choice"	.....	.....	.....	do	800
Nov. —	Lorne.....	12	Digby, N.S....	Schooner....	87	Bear River to Boston.	Lighthouse Point, Digby.	Stranding...	Missed stays...	.....	.....	.....	Total c'go par.	1,200 171
do 16	Lottie.....	1	St. John's, Nfld	do	139	St. John's to Charlottetown.	Near Pictou Light.	do	Thick snow storm.	.....	.....	.....	Partial	3,900
May 30	Ludwig.....	N'w	Antwerp.....	Steamer....	1075	Antwerp to Montreal.	Montreal Harbour.	Fire in cargo	Unknown.....	.....	.....	.....	do c'go do	300 3,000
.....	Lulu.....	10	St. John, N.B.	Brigantine....	299	Brunswick, Ga., to Santos, Brazil, S.A	Unknown.....	Missing....	do	.....	8	.....	Total c'go do	12,000 4,800
May 16	Lydia.....	9	Yarmouth, N.S.	Ship.....	1200	St. John, N.B. to Liverpool, G.B.	Off Sable Island....	Put into Yarmouth.	Stress of weather.	.....	.....	.....	Partial	320
Sept. 24	Lyra.....	11	Windsor, N.S.	do	1089	Oeylon to Mauritius.	Cannoniere's Pt., Mauritius.	Stranding...	Disabled in a heavy gale.	.....	.....	.....	Total c'go do	29,000 10,000
Nov. 12	Levinia Elizabeth.	26	Halifax, N.S.	Schooner....	49	Montague, P.E.I., to Halifax.	Thomas' Head, Ghyssboro' Co., N.S.	do	Leaky.....	.....	.....	.....	do c'go do	900 700
Jan. 29	Madura.....	9	Quebec.....	Bark.....	970	Dunkirk to London..	River Thames, Eng	Stranding...	Heavy gale....	.....	.....	.....	Partial	500 00
Aug. 26	Maggie Glen..	7	Lunenburg, N.S.	Brigantine....	149	Lunenburg to Porto Rico.	Lat. 26° 15' N., Lon. 64° 59' W.	Foundering.	Stress of weather.	.....	.....	.....	Total c'go do	7,000 00 12,000 00
May 16	Magnolia.....	27	Halifax.....	Bark.....	469	Pensacola to Havre..	Lat. 33° 56' N., Lon. 75° 27' W.	Loss of masts	do	.....	.....	.....	Partial	1,400 00
July 17	Maid of Liangollen.	7	St. John, N.B.	Brigantine....	223	Economy, N.S., to Chester, Eng.	Broad Cove, Digby, N.S.	Stranding...	Thick fog.....	.....	.....	.....	do	3,500 00
do 28	Marco Polo....	32	Norway.....	Bark.....	1612	Quebec to United Kingdom.	Cape Cavendish, P.E.I.	do	Thick weather	.....	.....	.....	Total	16,000 00
June 24	Marietta.....	22	Gottenburg...	do	639	Quebec to London....	S.W. Point, Anticosti.	do	Fog and error in judgment	.....	.....	.....	Partial	Unknown.
Aug. 24	Mary White....	19	Arichat, N.S....	Schooner....	110	Charlottetown, to Arichat.	Arichat Harbor....	do	Gale.....	.....	.....	.....	Total	600 00

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.
												\$ cts.
April 22	Mary George..	1	St. John, N.B.	do	95	Newburyport, Mass., to St. John, N.B.	Near Dick's Island, coast of Maine.	Cap sized, heavy squall	No ballast.....	.....	...Partial	1,000 00
Feb. 2	Mary Theall...	8	do	do	99	St. John to Port William, N.S.	Port William.....	Ice jammed at the wharf	Ice.....	.....	...Total	2,600 00
Aug. 30	Mary E. Banks	20	Halifax, N.S...	do	50	Petit de. Grat to L'Ardoise, C.B.	N.E. Reef, L'Ar- doise.	Stranding ...	Gale.....	.....	...do	1,500 00
65 Jan. 25	Mary S. Gibson	8	St. John, N.B.	Bark.....	868	Baltimore to Antwerp	44° 50' N., 33° 50' W.	Missing.....	Unknown.....	14	do c'go do	2,000 00
June 27	Marina.....	9	London.....	do	664	San Francisco to Bur- rard's Inlet	Rosedale Rocks....	Stranding ...	Error in judg- ment.	.....	...Partial	100 00
May 21	Marion.....	7	Yarmouth, N.S	Ship.....	1227	Liverpool to Quebec.	Pavilion River, Anticosti.	do	Fog.....	.....	...Total	32,000 00
Aug. 1	Mattie D.....	5	Liverpool, N.S	Schooner...	110	Chatham, N.B., to Boston.	Snowball's Wharf, Chatham.	Collision ...	Strong tide.....	.....	...Partial	1,200 00
June 11	May Queen.....	7	Halifax, N.S...	do	47	Pictou to Pictou Is- land.	Reef off Pictou Is- land.	Stranding ...	Gale with cur- rent.	.....	do	100 00
Jan. 11	Medina.....	10	Annapolis, N.S	Brigantine ..	342	Troon to Demerara...	St. George's Chan- nel.	Started her stem.	Stress of wes- ther.	.....	do	3,750 00
May 12	Melicete.....	31	Norway.....	Bark.....	1106	Belfast to Quebec....	Trinity Bay.....	Stranding ...	Fog.....	.....	do	12,000 00
June 21	Meimberby.....	19	Liverpool, G.B	Ship.....	1610	Quebec to Greenock.	1 mile N.N.E. Low- or Traverse Light Ship.	Collision ...	Unknown.....	.....	...Partial	Unknown.

Date	Name of Ship	Origin	Destination	Company	Reason	Value
May 23	Moen	Elisnore	Ballast Ground, Quebec	Bark	"Arran"	400
Aug. 29	Morning Star	Halifax, N.S.	S side of Aribat Harbor	Schooner	Thick weather	100
Nov. 17	Maggie	Hamilton, Ber.	Off Caribou, Pictou Co., N.S.	do	Snow storm	1,500
Sept. 26	Mary Ann	Digby, N.S.	St. Quaco Creek	do	Sprung a leak	150
Nov. 5	Minnie Gordon	Chatham, N.B.	North Cape, P.E.I.	Bark	Thick and hazy	3,000
Jan. 16		Halifax, N.S.	Taylor's Head, Halifax Co., N.S.	Schooner	Snow squall	6,000
Mar. 12	Natrona	St. John, N.B.	Sellon's Rock, Yarmouth, N.S.	do	Gale	1,600
April 19	Nelson	Maryport, Eng.	Near Shallop Creek, Anticosti	Bark	Current and fog	300
May 4	Nettlesworth	London, Eng.	Bryon Island, Magdalen Islands	Steamer	Jammed in ice	3,000
July 22	Nettlesworth	do	North side of Magdalen Islands	do	Thick fog and error in judgment	490
do	Neptune	Halifax, N.S.	St. Peter's Bay, Port Mulgrave	do	Fog	300
April 3	Notting Hill	Liverpool, Eng.	New York to London	do	Stress of weather	5,000
Sept. 29	Nova Scotia	Windsor, N.S.	New York to Rotterdam	Bark	Loss of sails, spars and rigging	3,000
June 7	Ocean Bride	St. John, N.B.	New York to St. John	Schooner	Collision	4,500
Sept. 24	Only Son	Digby, N.S.	Phinney Cove to St. John, N.B.	do	Fog	55
Jan. 24	P. J. Palmer	Dorchester, N.B.	Demerara to Boston, U.S.	do	Stress of weather	500
July 6	Palander	Arendal, Norway	Ship Harbor to Gloucester Eng.	Bark	Thick fog	9,000

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 Loss.	Amount.
Sept. 2	Plovmanden..	16	Norway	do	446	Barrow, Eng., to 49° 30' N., 14° 34' W. Pugwash.	446	Sprung a leak.	Stress of weather.	.....	do	2,000
Nov. 16	Plovmanden..	16	do	do	446	Pugwash to U.K.....	Green Island, C.B.	Stranding ...	Heavy gale....	10	...Total c'go do	7,000 4,000
Mar. 23	Phoenix	5	Digby, N.S. ...	Brigantine...	197	Halifax to Port Medway.	Mouth of Port Medway Harbor.	do	Snow storm....	.....	...Total	5,500
July 12	Promenader ...	13	Halifax, N.S.	Sebooner....	94	Cow Bay to Lynn, Mass.	30 miles south of Beaver Island, N.S.	Disasted...	Stress of weather.	.....	...Partial	500
June 8	Providence ...	1	Quebec.....	do	78	Quebec to Montreal.	Off Batican	Collision....	Steamer "Nettleworth."	.....	...Total c'go do	2,000 720
Dec. 3	Princess Louise	new	Ottawa.....	Steamer.....	364	Maccan to Halifax ...	Near Point Prim, Digby Co., N.S.	Stranding ...	Heavy gale....	8	...Total	30,000
Feb. 9	Queen Victoria	10	Pictou, N.S. ...	Bark	518	Fernandina to Montevideo.	Fernandina and on the passage.	Stranding and straining.	Stress of weather.	.....	do	12,000
Nov. 8	Regina	1	St. John, N.B.	Schooner....	122	New York to St. John	Off Watch Hill, Block Island S'd	Collision	Schr. "Mary Lord."	.....	...Total c'go do	6,500 800
Aug. 29	Restless	2	Lunenburg, N.S.	do	25	LaHave to Fishing Banks.	Off south coast of Nova Scotia.	Capsized & filled.	Hurricane.....	8	do	1,500
Sept. 9	Revere.....	30	San Francisco	Bark	795	Honolulu to Port Townsend.	1/2 mile west of Juan.	Stranding ...	Calm & heavy	.....	do	2,000
June 25	Rhiwindda....	5	Cardiff	Steamer	1329	New York to Michi.	Mira-Torbay, N.J.....	do	Current and deviation of compass.	.....	do	28,000

Date	Name of Vessel	Origin	Destination	Event	Particulars	Number of Persons	Notes
Jan. 23	Richard Hutchinson.	Chatham, N.B.	Queenstown to St. John, N.B.	Half passage lantic.	St. Half passage lantic.	768	Queenstown to St. John, N.B.
June 29	Ringleader	Sydney, O.B.	Lynn, Mass., to Louisburg.	Schooner	Stranding ...	119	Cape Breton
Feb. 14	Romance	Windsor, N.S.	Fovey, Eng., Philadelphia.	Bark	do ...	592	At the Buoy, Fovey, Eng.
Sept 14	Pose O.	Marselles	Trinidad to New-castle, N.B.	do	Collision	419	30 miles north of Bird Rocks.
Jan. 4	Royal Harrie	St. John, N.B.	Porman, Spain, to New York.	Barkentine	Stranding ...	492	Near Carthagena.
do	Ruby	Yarmonth, N.S.	Antwerp to New York	Ship	Collision	1892	Flushing Roads
Sept 21	Rustic	Charlottetown, P.E.I.	Bras d'Or to Charlottetown, P.E.I.	Schooner	Dismasted partially.	66	15 miles north of Cape Jack.
Jan. 16	Rushlight	Halifax	Liscomb to St. Pierre, Mic.	do	Stranding ...	75	Grave Island, Car-
April 4	Ruthland	Newcastle, Eng.	Greenock to Quebec.	Bark	do ...	1028	North side of Tre-
Sept. 3	Ruth	Sydney, O.B.	Glace Bay Harbor	Brigantine	Burning	177	At the Wharf
Aug. 29	Saidee	Liverpool, N.S.	Shippegan, N. B., to Barbadoes.	Brigantine	Put back to Liverpool.	154	42° 10' N., Long. 63° 30' W.
Nov. 16	Sailors Home.	Halifax, N.S.	Bonne Bay, Nfld., to Halifax.	Schooner	Stranding ...	93	Point Pleasant Shoal, Halifax Harbor.
Jan. 16	Salisbury	St. John, N.B.	Cardiff to Havana	Brigantine	Loss of sails and leaking	349	Bristol Channel
Sept. 2	Sarah Wallace	do	Lingan to St. Johns, Nfld.	do	Loss of sails.	216	35 miles S. E. of Seatarie.
May 31	Sardoniz	London, Eng.	Departure Bay to Victoria, B.C.	Steamer	Stranding ...	404	Flat Top Reef
Sept. ...	Scotland	Windsor, N.S.	Antwerp to New York.	Bark	Loss of sails and rigging.	1499	47° 48' N., Long 23° 13' W.

STATEMENT of Wrecks and Casualties to Sea-going Vessels—Continued.

Date of Casualty.	Name of Vessel.	Tons	P. rt 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.
Aug. 30	Sea Gull.....	4	Charlottetown, P.E.I.	Schooner...	28	Canso to Fishing Grounds.	Canso Harbor.....	Stranding ...	Dragged anchors.	.....	do	\$ 800
do	Sea Clipper....	25	Lunenburg, N.S.	do	41	Gulf of St. Lawrence to Isle Madam.	Lower D'Esoupe.	do	Heavy gale....	.....	c'go do	460
June 6	Silver Moon...	7	Yarmouth, N.S.	do	57	Western Banks to Whitehaven, N.S.	Yellowstone Beach, Guysboro', N.S.	do	Fog and gale.	.....	....Total	3,000
April 14	Southern Chief	25	American	Ship	1282	Shanghai to Victoria, B.C.	Royal Roads, B.C.	do	Parted cables.	.....	....Total	30,000
Aug. 13	Solario	12	Charlottetown, P.E.I.	Brigantine..	219	Pictou to New York.	Herring Shoals, Chedabucto Bay.	do	Thick fog.....	.....	....Partial	800
Nov. 17	Springbird	17	St. Johns, Nfld	Schooner....	55	Charlottet'n, P.E.I., to St. John, Nfld.	Sand Point, Strait of Canso.	do	Master not aware of the shoal.	.....	c'go do	160
April 28	St. Elmo	11	Liverpool, N.B	Brigantine...	229	Sarranguilla, U.S., of Columbia to Colon Isthmus.	Bar at the mouth of the River Magdalen.	do	Heavy sea.....	.....	....Total	8,000
Feb. 24	Stanmore	2	Liverpool, G B	Steamer	1276	New York to Swansea.	40 miles E. of Sandy Hook.	do	Stress of weather.	.....	cargo partial	No damage.
May 17	Sterlingshire..	38	Youghal, Ireland.	Bark	366	Youghal to Newcastle, N.B.	Lat. 46° 30' N., Long. 30° 24' W.	Loss of sails	do	.....	....Partial	180
Aug. 29	Svanen .....	.....	Norway	do	452	Galveston to Hamburg.	Lat. 40° 46' N., Long. 67° 59' W.	Loss of sails and spars	do	.....	do	1,000
do	SWAN	6	Halifax	Schooner....	99	Sydney to Halifax....	Point Michem, U.B.	Stranding ...	Thick weather and error in judgment.	.....	....Total	3,000
										.....	c'go do	300

Date	Ship Name	Origin	Destination	Event	Location	Cause	Loss	Total
Feb. 20	Teal	10	St. John, N.B.	Schooner	147	St. John to New York	Capsized	4,000
Aug. 26	Teviot	15	Liverpool, N.S.	Brigantine	260	Cow Bay to St. Jago, Cuba	Abandoned	6,000
April 14	Tiger	29	Liverpool, G.B.	Bark	1028	Sourabaya to Royal Road near Fishgard Light	Stranding	15,000
May 23	The Craigs	23	Greenock	do	1147	Greenock to Quebec	do	100
.....	Trial	7	Halifax, N.S.	Schooner	43	Spry Bay to Evan du Nord, Labrador	do	500
July 1	Twilight	New	Yarmouth, N.S.	do	15	Fishing Vessel	do	600
April 26	Valetta	17	Montreal	Steamer	507	Halifax to Boston	do	45,000
July 25	Vandyck	3	Yarmouth, N.S.	Ship	1377	North Sydney to Quebec	do	40,000
do	Vesta	12	do	Brigantine	135	Barbadoes to Provincetown, Mass.	Damaged and put back	2,600
Sept. 2	Viking	10	Glasgow	Steamer	1685	Quebec to London	Stranding	60,000
Feb. 28	Violet	2	Dublin	do	1035	New Orleans to Bre-men	Damaged by ice	10,000
Sept. 4	Virginia	21	Greenock	Bark	900	Greenock to Quebec	Stranding	15,000
Aug. 20	Volanteer	22	Halifax, N.S.	Schooner	120	Isaacs Harbor to Cow Bay	do	1,000
Oct. 20	W. H. Rourke	1	St. John, N.B.	Schooner	134	New York to St. John, N.B.	Capsized and sank	7,400
Feb. 13	Wallace	new	Windsor, N.S.	Ship	1585	St. John, N.B., to London	Loss of masts and sails	1,075
July 16	Wanderer	6	Yarmouth, N.S.	Brigantine	249	New York to San Domingo	Disasted & condemned	15,000
Aug. 29	Welcome	new	Lunenburg, N.S.	Schooner	45	North Bay to North Cape	Capsized	7,000

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.
May 20	William Yeo...	21	Barrow, Eng...	Bark.....	756	Barrow to St. John, N.B.	Cape St. Mary's, Bay of Fundy.	Stranding ...	Dense fog .....	.....	.. Partial	2,500 50
Aug. 22	Woodside	5	Victoria, B.C.	Steamer	50	Sooke, B.C., to Victoria.	Hudson's Bay Co.'s Wharf.	Explosion ..	Plug in tube...	2	.. Partial	100
Nov. 13	Zebenia	7	Parrsboro', N.S.	Brigantine...	251	Hantsport to Hillsboro', N.B.	Ratchford's River, N.S.	Stranding ...	Parted chains.	3	... Total	7,000
Jan. 15	Zerlina	10	Liverpool, N.S.	do ...	237	New York to Oporto, Spain.	Viana, Portugal ...	do ...	Struck a shoal .....	.....	do	7,000

APPENDIX No. 3.

STATEMENT of Wrecks and Casualties reported as having occurred on the Inland Waters of Canada, from the 1st of January, 1883, to the 31st of December, 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.
Nov. 13	Abyssinian	15	Montreal	Steamer	726	At anchor at Sorel...	Chenaille du Moine, Sorel.	Stranding ...	Gale .....	.....	.. Partial	\$ 500
do	Blazing Star...	11	Oswego, N. Y..	Schooner.....	265	Port Colborne to Detroit.	Long Point, Lake Erie.	do ...	do .....	.....	do	50
Oct. 31	City of Toronto	19	St. Catharines, Ont.	Steamer.....	512	Port Dalhousie, Ont.	Muir Bros.' ship-yard.	Burning.....	Unknown.....	.....	... Total	22,000
May 7	Conqueror.....	17	Quebec.....	Tug.....	15	Brockville to Kingston.	Wall's Island Shoal	Stranding ...	Tow sheared...	.....	.. Partial	5,000
Nov. 1	Conqueror.....	17	do	do	15	Kingston to Valley-field.	Rock Island, near Clayton.	do ...	Thick snow....	.....	do	5,000
Oct. 24	Corinthian ...	18	Kingston, Ont.	Steamer.....	614	Hamilton to Montreal	At wharf at Toronto.	Broke crank head.	Flaw in iron...	.....	do	150
June 29	D. P. Horner..	9	New York.....	Barge	98	New York to Montreal	Montreal.....	Struck the wharf.	The tug boat...	.....	do	600
Nov. 20	Enterprise.....	9	Wallaceburg, Ont.	Steam barge	200	Sarnia to Port Arthur	East end of Green Island, Lake Huron.	Foundering while in tow.	Was stranded.	7 ...	Total	9,000
do	Erie.....	.....	Montreal.....	Barge	136	Ottawa to Montreal.	Lachine Canal.....	Foundering.	Gale .....	.....	.. Partial	200
do	Eureka	25	do	Schooner ...	152	Owego, N. Y., to Kingston.	Near Pidgeon Island, 15 miles from Kingston.	do ...	Sprung a leak.	.....	... Total	2,500
Sept. 20	Frontenac.....	21	do	Steam barge	282	Kingston to Montreal	Cornwall Canal....	Collision.....	Barge "Sensetot."	.....	do	5,000
											e' go do	6,000

STATEMENT of Wrecks and Casualties having occurred to Inland Vessels, &c.—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.
Aug. 17	Glenfias.....	8	Hamilton, Ont.	Steamer.....	426	Port Arthur to Montreal.	St. Catharines, Welland Canal.	Burning....	Fire from coal gas.	.....	do	\$ 20,000
June 18	J. R. Benson...	10	St. Catharines, Ont.	Schooner....	323	Port Colborne to Toledo.	Erie Point, Lake Erie.	Capsized....	Squall.....	1	..Partial	4,000
Sept. —	J. M. Spaulding	10	Detroit.....	do.....	79	Rondeau to Detroit.	Rondeau Pier.....	Foundering.	Mismanagement.	.....	do	200
Nov. 16	J. N. Carter...	8	Picton, Ont.,...	do.....	187	Thessalon to Kincardine.	Half a mile south of pier at Kincardine.	Stranding...	Gale.....	.....	..Total	6,000
May 19	L. Shickluna.	13	Port Stanley, Ont.	Steamer.....	394	Serpent River.....	2 miles east of Algoma Mills.	Stranding...	An unknown sunken rock.	.....	..Partial	6,924
Sept. 24	Laprairie.....	17	Montreal.....	do.....	206	Montreal Harbor.....	Bonsecour Pier.....	Broke her paddle box.	H. M. S. "Canada."	.....	do	300
Oct. 3	Laprairie.....	17	Montreal.....	do.....	308	do.....	Laprairie Wharf... broke.	Crack pin broke.	Flaw in iron.....	.....	do	150
Sept. 2	Lily.....	6	Winnipeg.....	do.....	136	Medicine Hat to Prince Albert.	On the River Saskatchewan.	Foundering..	Struck a rock.	.....	..Total	35,000
Oct. 31	M. L. Breck....	12	Kingston, Ont.	Schooner....	298	Hamilton to Port Dalhousie.	Port Dalhousie.....	Burning.....	Boiling pitch in the cabin.	.....	..Partial	100
do	Manitoba.....	12	Chatham, Ont.	Barge.....	68	Detroit to Chatham.	6 miles west of Chatham.	do.....	Unknown.....	.....	..Total	2,500
Nov. 16	Maple Leaf.....	3	Port Burwell...	Schooner....	108	Buffalo to Port Burwell.	3 miles west of Buffalo.	Stranding...	Gale.....	.....	..Partial	300
											..Total	100

Jan. 24	Mary Anna.....	6	Goderich.....	Tug.....	6	Lion's Head to Tobermory.	do	7	do	1,000
May 31	Meteor.....	17	Montreal.....	Steamer.....	180	Serpent River to Mid-St. John's Island, 13 miles from Serpent River....	Stranding... Unknown rock	do	do	4,000
Aug. 23	Montreal.....	10	do	Barge	337	Kingston to Montreal, Alexandria Bay.	do ... Struck a rock.	do	do	2,000 18,000
Oct. 12	Norway	11	Kingston.....	do	332	Amherstburg to Garder Island, Port Colborne, Ont	do ... Gale	do	do	200
Aug. 6	Ox.....	6	do	do	156	Kingston to Montreal, Montreal Harbor....	Collision S.S. "Ride-water,"	do	do	560 5,400
do	Prussia....	10	St. Catharines, Ont.	Steamer.....	458	Chicago to Montreal, 100 yards west of Cole's Light, St. Lawrence River.	Stranding ... Hidden rock....	do	do	1,000
Nov. 8	Prussia.....	10	do	do	458	Kingston to Montreal, Chippawa Point....	do ... Buoy out of place.	do	do	1,200
Sept. 13	Queen Victoria	12	Montreal.....	Steamer.....	362	Chatham to Toronto 5 miles below Chatham.	Burning..... Sparks from a passing steamer.	do	do	12,000
June 27	Rothesay	16	St. John, N.B.	do	529	Clayton to Dickenson's Landing	Near Thousand Is-Stranding ... Took a sheer	do	do	500
Oct. 30	Siberia.....	9	Kingston, Ont	Schooner....	340	Toledo to Kingston.. West end of Long Point.	do ... Gale	do	do	8,000 2,000
Nov. 18	Sir C.T. Stranbenzee.	8	St. Catharines, Ont.	Barkentine..	317	Port Arthur to Sarnia, 4 mile west of Porphy Island Light.	do ... Rudder jammed. Total	do	do	6,500
June 19	Spartan	15	Montreal.....	Steamer.....	678	Prince Arthur's Landing to Owen Sound.	do ... Foggy and strong current. Partial	do	do	21,615
Oct. 29	St. Francis	9	do	do	472	Valleyfield to Montreal, Lachine Rapids... trial.	do ... Struck a rock and lost rudder. Total	do	do	70,000
June 1	St. John.....	8	do	Tug.....	55	Montreal Harbor	Burning..... Unknown.....	do	do	4,800
July 24	Star	6	do	Steamer.....	201	Point Clair to Beauharnois, Lake St. Louis.....	Stranding ... Error of judgment.	do	do	1,500

STATEMENT of Wrecks and Casualties to Sea-going Vessels—Continued.

Date of Casualty.	Name of Vessel.	Age.	Port of Registry.	Rig.	Registrar Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened	Nature of Casualty.	CRUSE of Casualty.	Lives Lost.	Total of Partial Loss.	Amount.
S ^{pt} . 10	Terrebonne..	12	do	do	361	Conseceur to Mon treat.	Plumb Isl'nd, River St. Lawrence.	do ...	Thick fog .....	.....	do	100
do	Typo.....	11	Milwaukee, Wis.	Schooner....	309	Milwaukee to Kings-ton.	Grapey Shoal..	do ...	Stress of wea-ther.	.....	do	6,000
do	W. H. Vanderbilt.	.....	Buffalo, N.Y...	do	520	Upper Lakes to Buf-falo	Long Point, Lake Erie.	do ...	Sprung a leak. ....	.....	... Total	5,000

APPENDIX No. 4.

SUPPLEMENT to the Statement of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels, during the Callendar Year of 1882.

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.
Sept. —	Abram Young	13	St. John, N.B.	Bark	756	New York to Queens-town.	Mid-ocean	Loss of spars	Stress of weather.	....	Partial	\$ 50
Aug. 7	Agra	18	Charlottetown P. E. I.	do	695	St. John to Carthagen.	Black Rock, West Bay.	Stranding	Calm; no anchorage.	....	do	550
Nov. 26	Alaric	12	Liverpool, N.S.	Brigantine	310	Berhice to Boston, U.S.	Lat. 33° 30' N., Lon. 72° W.	Loss of Masts and sails.	Stress of weather.	....	do	1,000
Oct. 24	Alfred	18	Scarborough	Bark	349	Limerick to Michi.	North Cape, P. E. I.	Stranding	Hazy and calm weather.	....	Total	8,000
Nov. 11	Althea	19	Youghal	Brig	375	St. John, N.B., to Youghal, Ireland.	Musquash Harbor, Western Head.	do	Missed stays	....	Partial	2,500
Dec. 12	Angele L'Asomption.	8	Quebec	Schooner	35	.....	Off Cape Desair	do	Parted moomings.	....	do	250
do 27	Annie Brown	10	Windsor, N.S.	do	182	Wolfville to New York.	Quaco ledge, Bay of Fundy.	do	Snow storm	....	Total	3,000
do 12	Arabia	8	Dorchester, N.B.	Bark	957	Liverpool, Eng., to New Orleans.	Atlantic Ocean	Decks swept	Stress of weather.	....	c'go do	3,500
Sept. 11	Ariel	22	Charlottetown P. E. I.	Schooner	44	Sydney, C. B., to Liverpool, N.S.	Clam Bay, N.S.	Stranding	Dragged anchor.	....	Total	900
Nov. 15	Abol Crap	7	Halifax, N.S.	Brigantine	237	Cape Breton, to Sagua, Cuba.	Marigoanna Pass, age, Bahamas.	do	Currents	....	c'go do	9,000

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.
Oct. --	Annapolis	10	Annapolis, N.S.	Bark	914	Manilla to New York.	Bay of Manila, Philippine Isl's.	Fouling ship at anchor.	Dragged anchor.	.....	.....	7,684
Dec. 7	Billow	1	Windsor, N.S.	Schooner.....	64	Cornwallis to Boston	6 miles N. by E. from Seal Island.	Collision	Sch. "Look-out,"	.....	do	600
March 16	Boston City	1	West Hartlepool.	Steamship ...	1684	London to Halifax ...	Lat 46° N., Lon 47° W.	do	Fog .....	.....	Trifling	150
Dec. 7	Break of Day ..	14	Pictou, N.S.	Schooner.....	36	Pictou to Harbor Bouche.	N. W. 20 miles from Cape George	Stranding ...	Stress of weather.	.....	.....	300
Nov. 25	Budstikken.....	1	Norway	Brigantine...	208	Jamaica to Montreal	Mount Louis, River St. Lawrence.	do	N. W. gale.....	.....	.....	8,000
do	Bonanza	7	Victoria, B.C.	Schooner.....	96	Victoria to Esquimalt	Tidal Rock, east of Pallison, Point Esquimalt.	do	Drifted on rock.....	.....	.....	16,968
Sept. 9	Canova	24	Newcastle, Eng.	Ship	1263	Plymouth to Quebec.	Off St. John's Point	Collision	Not seen in time.	.....	.....	500
do	Oaledonia	13	Norway	Bark	711	Limerick to Quebec..	Off St. Michel.....	Stranding ...	Fault of the pilot.	.....	do	4,400
Dec. 24	Carolina.....	1	Victoria, B.C.	Schooner.....	32	Victoria, cruising in Foca Straits.	N.E. part of Beechy Bay, Vancouver Id.	do	Drifted on shore.	.....	do	350
Nov. 30	Cedar Grove.....	new	St. John, N.B.	Steamer	2181	London to Halifax...	1/4 mile S.E. from Walker's Head Cape Isld., Canso	do	Unknown current.	5	.....	160,000
March 16	Chignecto	8	Windsor, N.S.	Bark	1082	New York to Bremen	Hellgate, N.Y.....	do	Strong wind.....	.....	.....	3,000

Nov. — Clondora Day.	16	Moncton, N.B.	Schooner ..	69	Dorchester to Bridge-Quaco Harbor.....	do	do	do	.....	.....
do 18 Clinton	11	St. Andrews, N.B.	do	10	Unknown.....	do	do	do	.....	Total
do 18 Clifton .....	.....	Halifax, N.S.	do	95	P.E. Island to Boston, U.S.	do	Unknown.	do	.....	do
Oct. 20 Conductor.....	27	St. John, N.B.	do	59	St. John to Sheffield, N.B.	do	Strong wind.....	do	.....	do
do 20 Corwallis	3	Windsor, N.S.	Bark	1136	San Francisco to Falmouth.	do	Loss of sails, yards, and other damages.	1	Partial	10,000
Dec. 9 Corina H. Bishop.	8	Gloucester, Mass.	Schooner	81	Portland to Shelburne.	do	Stranding ..	.....	Total	5,000
do 12 Corinne	9	Montreal	Brigantine ..	122	Charlottetown, P.E.I., to St. Johns, Nfld.	do	Loss of sails.	.....	Partial	1,500
Nov. 18 Durham City ..	.....	West Hartlepool.	Steamer	1848	New York to Newcastle, Eng.	do	Leaking.....	.....	Partial	7,000
.....	9	Halifax, N.S.	Schooner.....	82	Bermuda to Halifax..	do	Foundering..	.....	Partial	10,800
July 7 Edna M. Gregory.	7	St. John, N.B.	Brigantine...	387	Darien, Ga., to Montevideo.	do	Stranding ..	.....	do	9,000
Aug. 17 Ella Clifton ..	10	do	Schooner.....	112	Boston, Mass., to Dorchester, N.B.	do	do	.....	Total	2,000
Nov. Ella	16	Lunenburg.....	do	39	Lunenburg to Sydney C.B.	do	do	.....	Total	1,200
Oct. Ella and Winnie.	9	Halifax.....	do	49	Strait of Canso to Boston, U.S.	do	Foundering.	.....	do	500
Nov. 26 Elie	10	Quebec	Brigantine...	125	Quebec to Buenos Ayres.	do	Decks swept	.....	Partial	400
Sept. 15 Empress	28	St. John.....	Woodboat ...	77	Nashwank to St. John	do	Tide .....	.....	Total	500
Dec. 22 Ernest Fisher .	14	St. Andrews...	Schooner ..	30	St. Andrews to St. John.	do	Dragged anchor.	.....	Partial	800

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.
do	7 Ethel Blanche.	.....	Charlottetown P.E.I.	Barkentine.	428	Great Britain to P.E.I.	Mid-ocean	Decks swept	Stress of weather.	1	do	\$ 150
do	8 Evviva.	.....	Halifax	Brigantine	272	Port Caledonia to St. John, N.B.	Thrum Cap, Yarmouth Sound.	.....	Dragged anchor in a gale	.....	do	2,500
Feb. 28	Fairmount	.....	Windsor, N.S.	Bark	1098	London to New York	Near the American Coast.	Loss of yards and sails.	Stress of weather.	.....	do	1,338
Dec. 3	Florence B.	.....	Lunenburg	Schooner	32	Halifax to LaHave	Meagher's Beach	Collision	Schr. "Astra"	.....	do	50
do	16 George Shattuck.	.....	Halifax, N.S.	Steamer	231	Oow Bay to Halifax.	Centre Ground, Bras d'Or Lake.	Broken shaft	Flaw	.....	do	500
Aug.	George A. Holt	22	St. John, N.B.	Ship	1297	Callao to Falmouth.	Pacific Ocean	Sprung a plank and was condemned	Stress of weather.	.....	... Total Cargo	16,000 No damage.
do	10 Glad Tidings	..	do	do	1292	Calcutta to Amsterdam.	Prawl Point, Eng.	Stranding	Unknown; after she struck, took fire.	2	... Total	40,000
.....	Golden Arm	..	Baddeck, C.B.	Schooner	79	Unknown	Black Point, Bras d'Or Lake.	do	Unknown	.....	do	1,185
Sept. 20	Gylfe	.....	Quebec	Bark	984	London to Quebec	Point St. Valier	Collision	"Caledonia"	.....	.. Partial	48
Dec. 12	Harvest Home	16	Lunenburg	Schooner	60	At anchor, Canso Harbor.	Norris' Point	Stranding	Dragged anchor	.....	.. Partial No c'go	100
Nov. 26	Harvest Home	16	Lunenburg	do	60	Boston to Sydney, C.B.	East side of west entrance to St. Andrew's Channel.	do	Stress of weather.	.....	.. Partial	300

Dec. 17	Humber	10	Halifax	do	159	New York to Guadalupe. At the wharf, Guadaloupe.	Unknown .....	.....	Total	
do	13	Harriet	do	55	Port Clyde to Yarmouth.	John's Island Ledge.	Stranding ...	Thick and stormy.	.....	1,500
do	5	Impudence	do	123	Elizabeth Port, N.Y. to Yarmouth, N.S.	Eastern Head, Little River, Me.	do	Stress of weather.	.....	2,000
Nov.	28	Iris	Brigantine...	122	Cornwallis to New York.	Canada Creek, N.S.	do	Sprung a leak.	.....	2,500
Oct.	23	J. H. Marsters.	Bark	632	New York to Blaye, France.	Mouth of Gironde River.	Collision ...	SS. "Silverdale."	.....	1,000
Sept.	12	J. G. C.	Schooner ...	40	Cheticamp to Halifax.	Mouth of Cheticamp Harbor.	Stranding ...	Jib sheets parted.	.....	250
Mar.	29	J. W. Holmes.	Bark	918	Lobos Island to Baltimore, Mo.	Near Hampton Roads, Md.	Loss of sails.	Stress of weather.	.....	1,424
Dec.	9	Java	Schooner	178	Pensacola to Havana.	Florida Straits	Foundering.	do	.....	2,500
do	14	Jenny Lind	do	15	Mud Island, Yarmouth, N.S.	Ellenwood Island.	Stranding ...	Dragged anchor.	.....	50
Mar.	18	John Wesley ...	do	45	Laid up at Lunenburg.	Lunenburg Harbor.	do	Heavy snow squall.	.....	150
Sept.	20	Kingsport	Bark	1161	San Francisco to Cork for orders.	Pacific Ocean	Loss of sails and other damage.	Stress of weather.	.....	24,000
Nov.	8	Landseer	Barkentine ..	427	St. John to Liverpool, Eng.	Near New Brighton.	Collision	Tide .....	.....	1,810
.....	.....	LeRoy	Schooner ...	77	St. Johns, Nfld., to Boston.	Atlantic	Abandoned, supposed foundering.	Unknown	5	4,000
.....	.....	Lindo	Bark	434	Liverpool to Quebec.	Cape à la Baleine, about 16 miles below Matane.	Stranding ..	Parted chains.	.....	9,000
Nov.	13	Little Annie ...	do	92	Dorchester, N.B., to Cape Enrage.	Cape Enrage, N.B., Bay of Fundy.	do	Gale of wind.	.....	1,600
Dec.	2	Lizzie K	do	99	Providence, R.I., to St. John, N.B.	Coast of Maine	do	Thick weather	.....	1,000
do	24	L. H. Deveber.	do	600	Miramichi to Africa.	On the voyage, Atlantic.	Lost part of deck load and spars.	Heavy gale	.....	2,100

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.
Nov.	L. J. Carney..	new	do	Schooner	178	St. John to Barbadoes	Unknown	Missing	Unknown	7	... Total	\$ 8,000
.....	Lombard.....	5	London	Steamship..	1123	New Orleans to Ant- werp.	Lat. 35° N., Lon. 65° W.	Put in to Halifax.	Leaking .....	.....	... Partial	1,600
Dec. 7	Lodi	20	Pictou, N.S....	Schooner	49	Shediac to Pictou....	Off Summerside Harbor.	Stranding ...	Snow storm and drift ice.	.....	do	300 Ballast.
89.....	Lottie Stewart	10	St. John.....	Bark	742	St. John, N. B., to Bristol.	On the voyage, At- lantic.	Cargo dam- aged.	Stress of wea- ther.	.....	c'go p'l	No loss. 400
Nov. 1	M. A. Doran...	7	Windsor, N.S.	Brigantine...	315	Boston to Cape Town, C.G.H.	North Atlantic.....	Decks swept and vessel strained.	do	.....	... Partial	1,300
May 24	Maggie	7	Liverpool, N.S.	do	270	Cardiff to Demerara.	Lat. 50° N., Lon. 95° W.	Dismasted ..	Gale of wind... 1	do	do	3,000
Dec. ...	Maggie W. Wil- liard.	.....	Portland, Me.	Schooner	46	Gloucester, Mass.....	Off Cape St. Mary's, Bay of Fundy.	Supposed to have gone on Trinity Ledges.	Unknown	7	... Total	1,500
do 23	María E. Smith	2	American.....	do	365	San Francisco to Port Townsend.	1/2 mile east of Race Rocks, Straits of San J'n de Fuca.	Loss of sails	Stress of wea- ther.	.....	... Partial	500
Nov. 26	Marie Pruden- tine.	5	Charlottetown, P.E.I.	do	68	Georgetown to New- foundland.	Oodroy, Nfld.	Stranding ...	Snow squall and current.	.....	... Total	800
Dec 9	Marion Robert- son.	2	Richibucto.....	do	75	Charlottetown to St. Johns, Nfld.	Petite Miquelon....	do	Stress of wea- ther.	.....	... Total	3,000
										.....	c'go do	1,200

Date	Name of Vessel	Master	Origin	Destination	Particulars	Value
June 29	Marquis of Lorne	St. John, N.B.	London	Near Gravesend, mouth of the Thames.	do	4,170
Dec. 14	Mary B.	Arischat, C.B.	Schooner	St. W. end of Mon. Nab's Island.	do	500
Oct. 28	Mary Wiggins	Windsor, N.S.	Bark	do	Missed stays	Trifling.
Dec. 17	Mary A. Nelson	Halifax, N.S.	do	Rouen to New York.	Collision	600
Nov. 25	Mermaid	Gaspé	Schooner	Havre, France	Blowing a gale	5,000
Dec. 12	Minnie Louise	Charlottetown, P.E.I.	Brigantine	Buenos Ayres	Stress of weather	1,000
Nov. 23	Montrose	Halifax, N.S.	do	do	Disrupted and leaky	140
do	Muskoka	St. John, N.B.	Ship	East Point, Fox River.	Stranding	6,380
do	Muskat	Archat, N.S.	Schooner	Lower Tracadie	do	Unknown.
Dec. 12	Neva	Halifax, N.S.	do	Demerara to Halifax.	do	5,000
Oct. 11	Niagara	Quebec	Ship	Newport, Mon. Cape Town, Africa	Loss of masts and sails	1,701
Nov. 29	Nimble	Lunen'rg, N.S.	Schooner	Port Hastings, C.B.	Collision	150
Aug. 18	Nydia	Quebec	Bark	Margaree to Halifax.	do	300
Nov. 3	Octacilius	St. John, N.B.	Brigantine	Pomquet Island, near Lighthouse	Stranding	300
Nov. 30	Parole	St. John	Schooner	San Francisco to Queenstown.	do and Leaking	50,000
				Lat. 17° 40' N., Lon. 118° 30' W., and at Honolulu	damage.	Unknown.
				Charlottet'n, P.E.I., to New Bedford, U.S.	Stranding	3,400
				Rio Janeiro to Callao; Off Cape Horn	Error of judgment	500
				Demerara to St. John	Stress of weather	30,000
				Lat. 92° 34' N., Lon. 70° 10' W.	do	3,000
				Port Caledonia to St. John, N.B.	Collision	2,000
				to 25 miles S.S.W. of Canso Light.	Ran into by S. S. Liddeedale	

SUPPLEMENT to the 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 - Port bound to	Place where casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
Dec. 9	Peru.....	11	Yarmouth, N.S.	Bark.	820	Hamburg to New York.	St. Georges, Bermuda.	Stranding ..	Went ashore while towing	.....	..... Total	\$ 15,000
Nov. 27	Polynesian	10	Glasgow.	Screw Steamer.	2023	Liverpool to Halifax	Halifax Harbor.	Collision.	"Clandon" ..	.....	..... Partial	1,000
do	Romania.....	20	Liverpool, G.B.	Bark.	1136	Quebec to Liverpool	Off Newfoundland.	Abandoned.	Stress of weather.	.....	..... Total	35,000
do	Rowena.....	5	Charlottetown P.E.I.	Brigantine...	199	Baltimore, Md., to Funchal.	Off Flores Azores.	Stranding ...	Parted cables.	.....	..... Total	4,000
Dec. 4	Sarah	8	Yarmouth, N.S.	Bark.	1175	St. John, N.B., to Norfolk, Va.	N.E. of Bliss Island Charlotte, Co., N.B.	do	Cloudy and vaporous.	.....	..... Partial	18,000
Nov. 30	Sarah B	9	Halifax, N.S.	Brigantine...	348	New Haven, G.B., to Sydney, C.B.	Lat. 39° 20' N, Lon. 14° 30' W.	Foundering..	Sprung a leak	.....	..... Total	10,000
Dec. 14	Scotia.....	26	Liverpool, G.B.	Bark.	921	Bahia to St. John, N.B.	2½ miles west of West Quoddy Light, Maine, U.S.	Stranding ...	Stress of weather.	.....	..... Total	15,000 Ballast.
do	Sea Gull.....	2½	Charlottetown P.E.I.	Schooner....	28	Grand River to Halifax.	St. Andrews, near Canso.	do	Dragged anchors.	.....	..... Partial	100
Nov. 30	Sissie Lake....	9	Halifax.....	do	27	Lunenburg to Halifax.	Entrance of Sheet Harbor.	do	Snow storm...	.....	..... Partial	100
Aug. 8	St. John.....	1	St. John, N.B.	do	248	Boston to St. John...	Off Mount Desert, Coast of Maine.	do	Thick fog.....	.....	..... Total	10,000
May 20	Stella R.....	7	do	do	72	Harvey, Albert Co., to St. John.	St. John Harbor...	Collision....	"Cindora Day."	.....	..... Partial	50

Dec. 31/Swan	20	Halifax, N.S. ...	do ...	73/Halifax, N.S., Port Hastings.	to Strait of Canoe	Stranding ...	Ice .....	.....	do	50
Aug. 12/Trader .....	.....	St. John	Schooner	51 Annapolis to Sidney, C.B.	Winging Point, Gabarus, C.B.	Stranding ...	Gale of wind .....	.....	..... Total	800
Oct. 25/Velocity	3	Charlottetown, P.E.I.	do	68 Sydney, C.B., to Rustico, P.E.I.	Break- water.	do	Stress of wea- ther.	.....	do	2,200
Aug. 13/Verona	13	Quebec	Bark	649 Montevideo to Buenos Ayres.	Buenos Roads.	Collision	Spanish bark "Antonio."	.....	Partial	100
.....	11	St. John, N.B.	Schooner	132 Rockland, N.B., to New York.	On coast of Maine.	do	Thick fog .....	.....	do	500
Nov. 12/Victory .....	.....	Norway	Ship	1403 Quebec to London	Off Blais' Booms, Quebec.	Stranding ...	Low tide .....	.....	do	1,000
Dec. 22/Volmer	6	Danish	Steamer	979 Esquimaux, B.C., to Hong Kong.	Lat. 47° 50' N, Lon. 132° 26' W.	Boats, gally, booby, hat- ches and cabin doors carried off.	Stress of wea- ther.	.....	do	2,000
do do 27/Wanderer	6	Yarmouth, N.S.	Brigantine	249 St. Domingo to New York.	Off Cape Hatteras.	Loss of masts and yards.	Heavy squall .....	.....	do	2,700
do 11/Zinga	5	Charlottetown, P.E.I.	Brig	298 Charlottetown, to Liverpool, G.B.	Cape Porcupine	Stranding ...	Snow storm .....	.....	..... Total	6,000
Oct. 9/Zingu	9	St. John	Brigantine	200 Cardiff to Cardenas, Cuba.	Atlantic	Missing	Unknown	8	..... Total	6,000
.....	6	Pictou, N.S. ...	do	390 Montreal to Rosario.	Ensenada, South America.	Collision ...	.....	.....	..... Partial	200

SUPPLEMENT to the Statement of Wrecks and Casualties to Inland Vessels, for the Year 1888.

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. 30	D. M. Foster...	19	Port Burwell, Ont.	Schooner...	251	Oak Orchard to Oswego, N.Y.	East Breakwater, entering Oswego Harbor.	Stranding ...	Tow-line parted.	.....	... Total	\$ 3,000
Dec. 4	Eliza Quinlan		Port Hope, Ont.	do ...	181	Oswego, N.Y., to Napanee.	Poplar Bar, Prince Edward Co.	do ...	Snow and fog.	.....	do	1,500
Nov. 28	James Scott ...	8	Port Burwell, Ont.	do ...	30	Port Maitland to Port Burwell.	Near Long Point, Lake Erie.	do ...	Water-logged and stress of weather.	.....	do	1,000
Feb. 20	Maggie Summerville.		Cobourg, Ont.	Steamer.....	8	Wharf at south shore of Rice Lake.	At the Wharf.....	Foundering.	Heavy sea.....	.....	do	500
Dec. 7	Midland Rover	19	Collingwood, Ont.	Schooner.....	354	United States to Toronto.	Toronto Bay.....	Stranding ...	Gale.....	2	do	8,000
Nov. 26	Tecumseh.....		Goderich.....	do ...	100	Byng Inlet to Wind- sor.	East side of Cove Island.	do ...	Missed stays...	.....	do	4,000
											c/go do	2,000

APPENDIX No. 5.

REPORT OF THE CHAIRMAN OF THE BOARD OF EXAMINERS OF
MASTERS AND MATES, FOR THE CALENDAR YEAR ENDED 31st
DECEMBER, 1883.

HALIFAX, N. S., 2nd January, 1884.

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, 1883.

The Board sat at the Ports of Quebec, St. John, N.B., Halifax, N.S., and Yarmouth, N.S., for the examination of candidates, as follows :—

At Halifax, N.S., on 4th and 5th January, 1883 :

Masters who obtained certificates.....	3
Mates do do	nil

One candidate for the grade of Mate having failed in navigation.

At St. John, N.B., on 11th and 12th January :

Masters who obtained certificates.....	nil
Mate do do	1

One candidate for the grade of Mate having failed in navigation.

At Yarmouth, N.S., on 15th and 16th January :

Masters who obtained certificates.....	2
Mates do do	1

At Halifax, on 8th and 9th February :

Masters who obtained certificates.....	3
Mates do do	1

Two candidates for the grade of Mate having failed in navigation.

At St. John, N.B., on 15th and 16th February :

Masters who obtained certificates.....	3
Mates do do	2

At Halifax, N.S., on 1st and 2nd March :

Masters who obtained certificates.....	3
Mates do do	nil

One candidate for the grade of Mate having failed in navigation.

At Yarmouth, N.S., on 12th and 13 March :

Masters who obtained certificates.....	3
Mates do do	4

One candidate for the grade of Master, and two for that of Mate, having failed in navigation.

At St. John, N.B., on 15th and 16th March :

Masters who obtained certificates.....	2
Mates do do	3

One candidate for the grade of Master, and one for that of Mate, having failed in navigation.

At Halifax, N.S., on 3rd and 4th April:

Masters who obtained certificates.....	6
Mates do do	3

One candidate for the grade of Master, and four for that of Mate, having failed in navigation.

At Yarmouth, N.S., on 9th and 10th April:

Masters who obtained certificates.....	1
Mates do do	3

One candidate for the grade of Mate having failed in navigation.

At St. John, N.B., on 13th and 14th April:

Masters who obtained certificates.....	4
Mates do do	2

Two candidates for the grade of Mate having failed in navigation.

At Quebec, on 18th and 19th April:

Masters who obtained certificates.....	3
Mates do do	4

One candidate for the grade of Mate having failed in navigation, and one candidate for same grade in seamanship.

At Halifax, N.S., on 2nd and 3rd May:

Masters who obtained certificates	1
Mates do do	6
Second Mate do do	1

One candidate for the grade of Master, and three for that of Mate, having failed in navigation.

At St. John, N.B., on 10th and 11th May:

Masters who obtained certificates.....	nil
Mates do do	4

At Yarmouth, on 14 and 15th May:

Masters who obtained certificates.....	1
Mates do do	nil

One candidate for the grade of Master, and two for that of Mate, having failed in navigation.

At Halifax, N.S., on 5th and 6th June:

Masters who obtained certificates.....	3
Mates do do	3

One candidate for the grade of Master, and three for that of Mate, having failed in navigation.

At St. John, N.B., on 13th and 14th June:

Masters who obtained certificates.....	1
Mates do do	3

Two candidates for the grade of Master having failed in navigation.

At Yarmouth, on 16th and 18th June:

Masters who obtained certificates.....	4
Mates do do	4

Two candidates for the grade of Master, one for the grade of Mate, and one for the grade of Second Mate having failed in navigation.

At Halifax, N.S., on 4th and 5th July:

Masters who obtained certificates.....	3
Mater do do	4

One candidate for the grade of Master, and two for the grade of Mate, having failed in navigation.

At Yarmouth, N.S., on 7th and 9th July :	
Masters who obtained certificates.....	2
Mates do do	1
At St. John, N.B., on 11th and 12th July :	
Masters who obtained certificates.....	3
Mate do do	1
One candidate for the grade of Master having failed in navigation.	
At Halifax, N.S., on 1st and 2nd August :	
Masters who obtained certificates.....	5
Mates do do	2
Two candidates for the grade of Mate having failed in navigation.	
At St. John, N.B., on 8th and 9th August :	
Masters who obtained certificates.....	2
Mates do do	3
One candidate for the grade of Mate having failed in navigation.	
At Yarmouth, N.S., on 11th and 12th August :	
Masters who obtained certificates.....	2
Mates do do	2
Two candidates for the grade of Mate having failed in navigation.	
At Halifax, N.S., on 18th and 20th August :	
Masters who obtained certificates	1
Mates do do	nil
At Halifax, N.S., on 3rd and 4th September :	
Masters who obtained certificates.....	nil
Mates do do	2
At Yarmouth, N.S., on 8th and 10th September :	
Masters who obtained certificates.....	nil
Mates do do	1
Two candidates for the grade of Mate having failed in navigation.	
At St. John, N.B., on 12th and 13th September :	
Masters who obtained certificates.....	nil
Mates do do	2
Second Mate do do	1
Two candidates for the grade of Master, and three for that of Mate having failed in navigation.	
At Halifax, N.S., on 2nd and 3rd October :	
Masters who obtained certificates.....	3
Mate do do	1
Second Mates do do	2
Five candidates for the grade of mate having failed in navigation.	
At St. John, N.B., on 10th and 11th October :	
Masters who obtained certificates.....	3
Mates do do	5
One candidate for the grade of Master, and three for that of Mate, having failed in navigation.	
At Yarmouth, on 16th and 17th October :	
Masters who obtained certificates.....	1
Mates do do	1
One candidate for the grade of Mate having failed in navigation, and one in seamanship.	
At Halifax, N.S., on 2nd and 3rd November :	
Masters who obtained certificates.....	1
Mates do do	9

At St. John, N.B., on 7th and 8th November :

Masters who obtained certificates.....	2
Mates do do	2

One candidate for the grade of Master having failed in navigation.

At Yarmouth, N.S., on 10th and 12th November :

Masters who obtained certificates.....	nil
Mates do do	4

One candidate for the grade of Mate having failed in navigation.

At Halifax, on 5th and 6th December :

Masters who obtained certificates.....	4
Mates do do	3

Two candidates for the grade of Master, and one for that of Mate, having failed in navigation.

At Yarmouth, N.S., on 20th and 21st December :

Masters who obtained certificates.....	1
Mates do do	2

Two candidates for the grade of Mate having failed in navigation.

At St. John, N.B., on 27th and 28th December :

Masters who obtained certificates.....	3
Mate do do	1

One candidate for the grade of mate having failed in navigation.

Thus it will be seen that during the year, of the number of those examined—

At Quebec, three Masters and four Mates passed, and two Mates failed.

At St. John, twenty-three Masters and thirty Mates passed, and eight Masters and twelve Mates failed.

At Halifax, thirty-six Masters and thirty-seven Mates passed, and six Masters and twenty-four Mates failed.

At Yarmouth, seventeen Masters and twenty-three Mates passed, and four Masters and sixteen Mates failed.

Making a total of one hundred and seventy-three successful candidates.

Twelve (12) Certificates of Service as Masters have also been issued during the year.

I am, Sir,

Your most obedient servant,

P. A. SCOTT,

Chairman.

To the Deputy of the Minister of Marine and Fisheries,
Ottawa.

LIST OF CERTIFICATES of Competency and Service granted to Masters and Mates by the Department of Marine and Fisheries of the Dominion of Canada, for the Year ended 31st December, 1883.

COMPETENCY.

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1883.					\$ cts.
1796	Jan. 10...	Frederick McLean	Master ...	River John, N.S.....	Halifax	10 00
1797	do 10...	Thomas Aiken.....	do ...	Halifax, N.S.	do	10 00
1798	do 10...	Paul LeBlanc	do ...	Arichat, C.B.....	do	10 00
1799	do 17...	Edwin Ruthven Gillmore...	Mate	Horton, N.S.	St. John.....	5 00
1800	do 22...	Rainsford Wetmore Kinare.	do ...	Point Wolfe, N.B.	Yarmouth ...	5 00
1801	do 22...	Benjamin Franklin Gullison	Master...	Brookville, N.S.	do	10 00
1802	do 22...	Asa Reed Johnson	do ...	Plymouth, N.S.....	do	10 00
1803	Feb. 14...	Alfred McDougal	Mate	Maitland, N.S.....	Halifax	5 00
1804	do 14...	Alfred Brown	Master ...	Halifax, N.S.....	do	10 00
1805	do 14...	Daniel Lockhart Mills	do ...	Newport Landing, N.S...	do	10 00
1806	do 14...	Reuben Priest	do ...	Windsor, N.S.....	do	10 00
1807	do 21...	John Melvin Perry	Mate	Carleton, St. John, N.B..	St. John.....	5 00
1808	do 21...	John Henry Davis.....	do ...	Springfield, N.B.....	do	5 00
1809	do 21...	Henry Leslie Cole	Master ...	St. John, N.B.	do	10 00
1810	do 21...	James William Jones.....	do ...	Carleton, St. John, N.B..	do	10 00
1811	do 21...	Robert Irvine Buck.....	do ...	Dorchester, N.B.....	do	10 00
1812	March 7...	William Henry Havelock Hamilton.	do ...	Onslow, N.S.	Halifax	10 00
1813	do 7...	Shervington Varce.....	do ...	Londonderry, N.S.....	do	10 00
1814	do 7...	Frederick Elias Mader	do ...	Mahone Bay, N.S.....	do	10 00
1815	do 19...	Davis Emmons Smith	do ...	Wood's Harbor.....	Yarmouth ...	10 00
1816	do 19...	Joshua Daniel Brinton	do ...	Port Lorne, N.S.....	do	10 00
1817	do 19...	Horace Cook Lent.....	do ...	Freeport, N.S.	do	10 00
1818	do 19...	George Augustus Baker....	Mate	Yarmouth, N.S.....	Yarmouth ...	5 00
1819	do 19...	Walker McKay.....	do	Sandy Cove, N.S..	do ...	5 00
1820	do 19...	Edgar Floyd Robbins.....	do	Chebogue, N.S.....	do ...	5 00
1821	do 19...	George Nelson Rider.....	do	Yarmouth, N.S.....	do ...	5 00
1822	do 21...	William Ramsey Kennedy..	do	St. John, N.B.....	St. John.....	5 00
1823	do 21...	James Thomas Bustin.....	Master ...	do	do	10 00

LIST of Certificates of Competency granted to Masters and Mates--*Con.*

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1883.					\$ cts.
1824	March 21...	Thomas Carland	Mate	Tynemouth Creek, N.B...	St. John.....	5 00
1825	do 21...	Eugene Dunn Wood.....	Master ...	River Hebert, N.S.....	do	10 00
1826	do 21...	James Albert Mahon.....	Mate.....	Londonderry, N.S.....	do	5 00
1827	April 9...	Milton Harris Martin.....	Master ...	Hantsport, N.S.....	Halifax.....	10 00
1828	do 9...	Henry Havelock Chase.....	do ...	Bay de Verte, N.B.....	do	10 00
1829	do 9...	John George Graham.....	do ...	New Glasgow, N.S.....	do	10 00
1830	do 9...	Alexander Gillis.....	do ...	Charlottetown, P.E.I....	do	10 00
1831	do 9...	James Willoughby Anderson.	Mate.....	Pictou, N.S.....	do	5 00
1832	do 9...	Theophilus Cowen Marsters	do	Hantsport, N.S.....	do	5 00
1833	do 9...	Atherton Thornhill Cohoon	Master ...	Port Medway, N.S.....	do	10 00
1834	do 9...	Neil Murchison.	do ...	Point Prim, P.E.I.....	do	10 00
1835	do 9...	John Archibald Fraser.....	Mate.....	Halifax, N.S.....	do	5 00
1836	do 18...	Fenwick William Thomas.	Master ...	Maitland, N.S.....	Yarmouth...	10 00
1837	do 18...	Charles Edward Utley.....	Mate.....	Yarmouth, N.S.....	do ...	5 00
1838	do 18...	James Edmond Ritchie.....	do	Sandford, N.S.....	do ...	5 00
1839	do 18...	Arthur Dexter Porter.	do	Deerfield, N.S.....	do ...	5 00
1840	April 20...	Norman Roop.....	Master ..	Clementsport, N.S.....	St. John.....	10 00
1841	do 20...	Frank Percy Trites.....	Mate.....	St. John, N.B.....	do	5 00
1842	do 20...	Charles Muggah Burchell.	Master...	Sydney, C.B.....	do	10 00
1843	do 20...	Edgar Wesley Holmes.....	Mate.....	Sackville, N.B.....	do	5 00
1844	do 20...	Edward Girtz Riley.....	Master...	St. John, N.B.....	do ...	10 00
1845	do 20...	Herbert Smith Chambers...	do ...	Dorchester, N.B.....	do	10 00
1846	do 25...	Onésime Cyrille Bernier.....	do ...	Cap St. Ignace, Que.....	Quebec.....	10 00
1847	do 25...	Octave Blanchet.....	do ...	St. Thomas, Que.....	do	10 00
1848	do 25...	David Ferdinand Pelletier.	Mate.....	Lawson, Point Lévis, Que	do	5 00
1849	do 25...	Joseph Thomas Chalifour...	do	L'Islet, Que.....	do	5 00
1850	do 25...	Jules Emile Menard.....	do	do	do	5 00
1851	do 25...	Francois Betoine Caron....	do	do	do	5 00
1852	do 25...	Charles Percy Dean.....	Master, Yacht, Fore and Aft.	Teviot House, Que	do	10 00

LIST of Certificates of Competency granted to Masters and Mates—*Con.*

Number of Certificate.	Date of Certificate		Name.	Grade.	Address.	Where Examination was Passed.	Fee.
1853	May	8...	John Oxley.....	Mate.....	Londonderry, N.S.....	Halifax.....	5 00
1854	do	8...	William Brown.....	do.....	Pictou, N.S.....	do.....	5 00
1855	do	8...	Henry Haywood Card.....	do.....	Burlington, N.S.....	do.....	5 00
1856	do	8...	Hedley McDougall.....	2nd Mate	Maitland, N.S.....	do.....	5 00
1857	do	8...	Enoch Avarð Forsyth.....	Mate.....	Port Williams, N.S.....	do.....	5 00
1858	do	8...	Augustus Brown Whidden.	Master...	Maitland, N.S.....	do.....	10 00
1859	do	8...	Donald Mackenzie.....	Mate.....	Little Bras D'Or, C.B....	do.....	5 00
1860	do	8...	Charles Miller Thomson....	do.....	Halifax, N.S.....	do.....	5 00
1861	do	16...	Hanford Roland Lewis.....	do.....	Weymouth, N.S.....	St. John.....	5 00
1862	May	16...	Oscar Burton Morris.....	Mate.....	Advocate, N.S.....	St. John.....	5 00
1863	do	16...	Bradford Wilder Morris....	do.....	Advocate Harbor, N.S....	do.....	5 00
1864	do	16...	George Wallace Croscup....	do.....	Bear River, N.S.....	do.....	5 00
1865	do	22...	James Addison Davis.....	Master...	Yarmouth, N.S.....	Yarmouth...	10 00
1866	June	12...	George Thomas Watt.....	Mate.....	Sheet Harbor, N.S.....	Halifax.....	5 00
1867	do	12...	James Woodberry Harvey.	Master...	Newport Landing, Hants Co., N.S.	do.....	10 00
1868	do	12...	Chas. Edward McNutt.....	Mate.....	Masstown, N.S.....	do.....	5 00
1869	do	12...	Jeremiah Ryan.....	Master...	South Sydney, C.B.....	do.....	10 00
1870	do	12...	Edmond Charles LeBlanc..	do...	West Arichat, C.B.....	do.....	10 00
1871	do	12...	Edward Robert Sterling...	Mate.....	Halifax, N.S.....	do.....	5 00
1872	do	18...	John Alden Delap.....	do.....	Granville, N.S.....	St. John.....	5 00
1873	do	18...	Charles Frederick Hardt...	do.....	Port Caledonia, C.B.....	do.....	5 00
1874	do	18...	Albert William Daniels....	do.....	Hopewell, N.B.....	do.....	5 00
1875	do	18...	William Gower Bush.....	Master...	St. John, N.B.....	do.....	10 00
1876	do	25...	Samuel Smith Patterson....	Mate.....	Upper Port La Tour, N.S.	Yarmouth...	5 00
1877	do	25...	Andre Pius Pothier.....	do.....	Tusket Wedge, N.S.....	do...	5 00
1878	do	25...	Geo. William McNamara...	do.....	Yarmouth, N.S.....	do...	5 00
1879	do	25...	Walter Wentworth Amber- man.	do.....	Annapolis, N.S.....	do...	5 00
1880	do	25...	Albert Nehemiah Clements	Master...	Yarmouth, N.S.....	do...	10 00
1881	do	25...	John David Patten.....	do...	Hebron, N.S.....	do...	10 00
1882	do	25...	Abner Tedford Porter.....	do...	Overton, N.S.....	do...	10 00
1893	do	25...	Asa Corning Weston.....	do...	Chebogue, N.S.....	do...	10 00

LIST of Certificates of Competency granted to Masters and Mates—*Con.*

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
1884	July 10..	Arthur Herbert Kinsman...	Mate	Canning, N.S.....	Halifax	5 00.
1885	do 13...	Simon Joseph Lewis	do ...	Sydney, C B.....	do	5 00
1886	do 10...	Mason Daniel Cogswell.....	do ...	Port Williams, N.S.....	do	5 00.
1887	do 10...	Alexander McNaughton....	do ...	Pictou, N.S.....	do	5 00
1888	do 10...	Colin Fraser	Master...	do	do	10 00
1889	do 10...	Charles Stanley Davison...	do ...	Hantsport, N.S	do	10 00
1890	do 10...	Albert Liebke.....	do ...	Lunenburg, N.S	do	10 00
1891	do 13...	Benjamin Corning	do ...	Beaver River, N.S	Yarmouth ..	10 00
1892	do 13...	Geo. Norman Rogers.....	Mate	Yarmouth, N.S.....	do ...	5 00
1893	do 13...	Gilbert Ormsby Sanderson.	Master...	do	do ...	10 00
1894	do 17...	Ernest Lawrence Anderson	Mate	Sackville, N.B.....	St. John.....	5 00
1895	do 17...	John Brinton Olsten.....	Master...	Tiverton, N.S	do	10 00
1896	do 17...	Frederick Rouse	do ...	St. John, N.B.....	do	10 00
1897	do	Gilford Miles Lewis.....	do ...	Harvey, N.B.....	do	10 00
1898	Aug. 6...	Levi Putnam	Mate	Maitland, N.S.....	Halifax	5 00
1899	do 6...	Clifford Thornton Sanford..	do ...	Halifax, N.S.....	do	5 00
1900	do 6...	Isidore LeBlanc, jun.....	Master...	Arichat, C.B.....	do	10 00
1901	do 6...	Alfred Ganion.....	do ...	do	do	10 00
1902	do 6...	Geo. Watters Hennesey....	do ...	Port Hawkesbury, N.S...	do	10 00
1903	do 6...	Hiram Davison	do ...	Hantsport, N.S	do	10 00
1904	do 6...	Joseph Hinds Dill.....	do ...	Windsor, N.S.....	do	10 00
1905	do 13...	Michael Boyd.....	Mate	Philadelphia, U.S.....	St. John.....	5 00
1906	do 13...	William Durman.....	Master...	Bridgewater, England...	St. John.....	10 00
1907	do 13...	Thos. George Russell.....	Mate	Chatham, N.B.....	do	5 00.
1908	do 13...	Joseph Talbot Rogers.....	Master...	St. John, N.B.....	do	10 00.
1909	do 13...	Charles Hy. Finch.....	Mate.....	do	do	5 00
1910	do 20...	Ethelbert Thos. Vroom.....	Master...	Brighton, N.S.....	Yarmouth ...	10 00.
1911	do 20...	David Morrill.....	do ...	Brooklyn, N.S.....	do ...	10 00
1912	do 20...	Clarence Troop.....	Mate	Yarmouth, N.S.....	do ...	5 00
1913	do 20...	Sampson Rusby Berry.....	do	Clementsport, N.S.....	do ...	5 00.
1914	do 24...	Johnathan Douglas.	Master...	Maitland, N.S.....	Halifax.....	10 00

LIST of Certificates of Competency granted to Masters and Mates—*Con.*

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						£ cts.
1915	Sept. 8...	Joseph Blais.....	Mate	Maitland, N.S.....	Halifax.....	5 00
1916	do 8...	George Urquhart.....	do	Londonderry, N.S.....	do	5 00
1917	do 14...	Peter Emery Stewart.....	do	Yarmouth, N.S.....	Yarmouth ...	5 00
1918	do 17...	Judson Hughes Edgett.....	do	St. John, N.B.....	St. John.....	5 00
1919	do 17...	William James Milne.....	do	Shediac, N.B.....	do	5 00
1920	do 17...	William John Livingston...	2nd Mate	Kingstone, N.B.....	do	5 00
1921	Oct. 10...	John Currie McDougall...	Master ...	Maitland, N.S.....	Halifax.....	10 00
1922	do 10...	Wilber Johnston.....	do ...	Londonderry, N.S.....	do	10 00
1923	do 10...	John Hugh Meikle	Mate	Pictou, N.S.....	do	5 00
1924	do 10...	James Beattie Hill.....	2nd Mate	Londonderry, N.S.....	do	5 00
1925	do 10...	Alfred Ernest Harvey.....	do	Windsor, N.S.....	do	5 00
1926	do 10...	Robert Monson Faulkner...	Master ...	Noel, N.S.....	do	10 00
1927	do 16...	Arthur Howard Wry.....	Mate	Sackville, N.B.....	St. John.....	5 00
1928	Oct. 16...	Edward Chipman Bowes...	Mate	Sackville, N.B.....	St. John.....	5 00
1929	do 16...	Henry Gomes.....	do	Liverpool, N.S.....	do	5 00
1930	do 16...	Barlow Peel Jamieson.....	Master .	Hopewell Cape, N.B.....	do	10 00
1931	do 16...	Isaac McLellan.....	Mate	Londonderry, N.S.....	do	5 00
1932	do 16...	Joseph Melville Marsh.....	Master ..	Economy, N.S.....	do	10 00
1933	do 16...	Avard Hazon Kinney	do .	Albert, N.B.....	do	10 00
1934	do 16...	John Alexander McLellan.	Mate	Advocate Harbor, N.S....	do	5 00
1935	do 23...	William Franklyn Andrews	do	Little River, N.S.....	do	5 00
1936	do 23...	Joseph William Boyd.....	Master .	Shelburne, N.S.....	Yarmouth ...	10 00
1937	Nov. 9...	Charles Robson.....	Mate	Gaspé, Que.....	do ...	5 00
1938	do 9...	John Pratt	do	Maitland, N.S.....	Halifax.....	5 00
1939	do 9...	Alexander Nicholson.....	do	Montague, P.E.I.....	do	5 00
1940	do 9...	William Arenburg.....	do	Lunenburg, N.S.....	do ...	5 00
1941	do 9...	William Munck.....	do	Halifax, N.S.....	do	5 00
1942	do 9...	Arthur Layton.....	do	Mount Dennison, N.S.....	do	5 00
1943	do 9...	Stanley Swain.....	do	Dartmouth, N.S.....	do	5 00
1944	do 9...	Alonzo Haughton.....	do	Falmouth, N.S.....	do	5 00
1945	do 9...	Abraham Nelson.....	do	Port Medway, N.S.....	do	5 00

LIST of Certificates of Competency granted to Masters and Mates—*Con.*

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
1946	Nov. 9...	Joseph Edward Toyce.....	Master	Hantsport, N.S.	Halifax.....	10 00
1947	do 13...	John Buckard.....	Mate	St. John, N.B.....	St. John.....	5 00
1948	do 13...	Charles Herbert Wellingale	do	do	do	5 00
1949	do 13...	Jacob Nevins Kay	Master	New York, U.S.....	do	10 00
1950	do 13...	John Johnston	Master	Charlottetown, P.E.I....	St. John.....	10 00
1951	do 19...	Clarence Leslie Caskey.....	Mate	Yarmouth, N.S.....	Yarmouth...	5 00
1952	do 19...	William Ernest Parker.....	do	Sand Beach, N.S.....	do ...	5 00
1953	do 19...	William Smith.....	do	Yarmouth, N.S.....	do ...	5 00
1954	do 19...	Farnham Cain Doty	do	do	do ...	5 00
1955	Dec. 12...	James Jenkins Warner.....	do	Plymton, Digby Co., N.S.	Halifax.....	5 00
1956	do 12...	Albert Slaunwhite.....	do	Mahone Bay, N.S.....	do	5 00
1957	do 12...	John Henry Potter.....	do	Canning, N.S.....	do	5 00
1958	do 12...	Lewis Coté	Master	Halifax, N.S.....	do	10 00
1959	do 12...	James Meikle.....	do	Pictou, N.S.....	do	10 00
1960	do 12...	Thomas William Roberts ...	do	Tatamagouche, N.S.:	do	10 00
1961	do 12...	William Budd.....	do	Halifax, N.S.....	do	10 00
1962	do 29...	John McGillgorm.....	Mate	This certificate was with- drawn.	.....	No fee.
1963	do 31...	George Reuben Belliveau...	do *	Pubnico, N.S.....	Yarmouth...	5 00
1964	Dec. 31...	Freeman Heard Crosby.....	Mate	Yarmouth, N.S.....	Yarmouth...	5 00
1965	do 31...	Elijah Hankinson Sabeau...	Master	do	do ...	10 00
1966	do 31...	William Read.....	do	Summerside, P.E.I.....	St. John.....	10 00
1967	do 31...	Edgar Delong	do	St. Martin's, N.B.....	do	10 00
1968	do 31...	James Edgar Dickson.....	Mate	St. John, N.B.....	do	5 00
1969	do 31...	Wallace Buchanan	Master	Windsor, N.S.....	do	10 00
						1,255 00
					Fees received from Candidates who failed to obtain their Certificates.....	175 00
						1,430 00

* Fore and aft rigged.

LIST of Certificates of Competency granted to Masters and Mates—*Con.*

THE FOLLOWING PERSONS RECEIVED RENEWAL CERTIFICATES OF COMPETENCY.

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1883.					\$ cts.
1468	Jan. 4...	Gilbert A. Hoar	Master ...	Albert, N.B.	St. John.....	5 00
397	do 4...	Arthur W. Masters	do 2nd renewal.	St. John, N.B.	do	5 00
768	Feb. 13...	Jno. Phillips.....	Master ...	Liverpool, England	Quebec	5 00
1647	May 4...	Arthur D. Pinckney	do ...	Yarmouth, N.S.	Yarmouth ...	5 00
854	do 31...	Henry Bentote	do ...	St. John, N.B.	St. John.....	5 00
596	do 31...	J. H. Gourley.....	Mate	Pictou, N.S.	Halifax	2 50
80	July 3...	J. R. Winchester.....	Master ...	Smith's Cove, N.S.	St. John.....	5 00
296	do 3...	Samuel Reynard	do ...	St. John, N.B.	do	5 00
343	do 9...	James Ryan	do ...	Liverpool, N.S.	do	5 00
596	Sept. 21...	J. H. Gourley.....	Mate, 2nd renewal.	Pictou, N.S.	Halifax	2 50
						1,475 00

SERVICE.

1189	Jan. 3...	James Clark.....	Mate.	Newport, N.S.	Halifax.....	3 00
1190	Feb. 23...	Levi West	Master ...	Harbourville, N.S.	do	5 00
1191	May 5...	John Francis Flavin	do ...	Halifax, N.S.	do	5 00
1192	June 18...	Asa Bill Birtaux	do ...	Annapolis, N.S.	do	5 00
1193	Aug. 21...	Robert Blair Deal	do ...	Halifax, N.S.	do	5 00
1194	Sept. 29...	William Henry Swim.....	do ...	Barrington, N.S.	do	5 00
1195	Nov. 12...	Robert Dunlop Gilchrist....	do ...	Portland, St. John, N.B.	St. John.....	5 00
1196	do 12...	Joseph Wallace Pinkham...	do ...	River Hebert, N.S.	do	5 00
1197	do 27...	Henry Stephen Mallett	do ...	Port Gilbert, N.S.	Halifax.....	5 00
1198	Dec. 5...	John Glen Allen.....	do ...	Lockport, N.S.	do	5 00
						48 00

LIST of Certificates of Competency granted to Masters and Mates—*Con.*

THE FOLLOWING PERSONS RECEIVED RENEWAL CERTIFICATES OF SERVICE.

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
812	Jan. 3...	Wm. Millar	Master...	Newport, N.S.....	Halifax.....	2 50
132	Feb. 23...	Wm. Williams.....	do ...	Lockport, N. S.....	do	2 50
205	do 28...	Wm. Mattson	do ...	Halifax, N.S.....	do	2 50
768	March 12...	Wm. J. Martell	do ...	Cow Bay, C.B.....	do	2 50
897	May 12...	Simon Bouche	do ...	Arichat, N.S.....	do	2 50
						12 50
				Total, Service		60 50

SUMMARY.

Total fees received for Certificates of Competency.....	\$1,475 00
do do Service	60 50

Total fees received for Competency and Service, for the year ended 31st December, 1883.....	\$1,535 50
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NOTE.—The sum of \$1,517.50 has been deposited to the credit of the Receiver-General. The difference of \$18 between this amount and that shown by the statement is owing to certain fees having been received from candidates in December, 1882, but whose certificates did not issue from the Department until January of 1883.

List of Canadian Certificates of Competency and Service which have been cancelled during the Year ended 31st December, 1883.

COMPETENCY.

Number of Certificate	Date of Certificate.	Name.	Grade.	Cause of Cancellation.	Date of Cancellation.
6	September 16, 1871...	J. T. Euston.....	Mate.....	Passed for a higher grade Certificate.....	March 16, 1883
1689	January 17, 1882...	T. Carland.....	2nd Mate.....	do.....	do 16, 1883
1271	December 18, 1878...	E. D. Wood.....	Mate.....	do.....	do 16, 1883
1505	September 14, 1880...	F. R. Kennedy.....	2nd Mate...	do.....	do 16, 1883
1670	November 22, 1881...	E. F. Robbins.....	do.....	do.....	do 13, 1883
1161	May 26, 1880...	H. C. Lent.....	Mate.....	do.....	do 13, 1883
1426	March 22, 1880...	D. E. Smith.....	do.....	do.....	do 13, 1883
1163	May 26, 1880...	J. D. Brinton.....	do.....	do.....	do 13, 1883
1360	October 27, 1879...	S. Vance.....	do.....	do.....	do 2, 1883
1275	May 19, 1879...	F. E. Mader.....	do.....	do.....	do 2, 1883
1486	September 6, 1880...	W. H. Hamilton.....	do.....	do.....	do 2, 1883
1492	August 30, 1880...	A. R. Johnson.....	do.....	do.....	do 2, 1883
1248	September 29, 1879...	B. F. Gullison.....	do.....	do.....	January 16, 1883
1251	December 27, 1878...	R. Priest.....	do.....	do.....	do 16, 1883
1495	September 6, 1880...	D. L. Mills.....	do.....	do.....	February 9, 1883
				do.....	do 9, 1883

List of Canadian Certificates of Competency and Service which have been Cancelled, &c.—Concluded.

Number of Certificate.	Date of Certificate.	Name.	Grade.	Cause of Cancellation.	Date of Cancellation.
1487	August 9, 1880...	A. Brown	Mate	Passed for a higher grade Certificate.....	February 9, 1883
1616	July 7, 1881...	A. McDougall	2nd Mate	do	do
1488	August 16, 1880...	R J. Buck.....	Mate	do	do
1662	April 19, 1881...	J. W. Jones	do	do	do
1583	December 14, 1880...	J. Douglas.....	do	do	August 20, 1883
1527	November 29, 1880...	D. Morrill	do	do	do
1685	April 27, 1881...	E. T. Vroom.....	do	do	do
1659	October 18, 1881...	J. T. Rogers.....	do	do	do
1601	May 27, 1881...	W. Durman	do	do	do
1699	February 9, 1882...	C. T. Sanford.....	2nd Mate.....	do	do
1600	May 23, 1881...	H. Davison.....	Mate	do	do
1365	October 27, 1879...	A. Ganion.....	do	do	do
1448	April 30, 1880...	J. H. Dill	do	do	do
1367	October 27, 1879...	J. Leblanc	do	do	do
1626	November 29, 1880...	J. A. Davis	do	do	do
1637	December 15, 1880...	G. M. Lewis.....	do	do	May 15, 1883
1512	October 18, 1880...	F. Rouse	do	do	July 12, 1883
1499	September 6, 1880...	A. Liebke	do	do	do

1465	August 9, 1880...	C. Fraser	do	do	do	do	do	do	5, 1883
1144	April 30, 1880...	C. S. Davison	do	do	do	do	do	do	5, 1883
1407	February 17, 1880...	A. N. Clements	do	do	do	do	do	June	18, 1883
1326	August 19, 1879...	A. T. Porter	do	do	do	do	do	do	18, 1883
1270	May 15, 1879...	A. C. Weston	do	do	do	do	do	do	18, 1883
1426	March 22, 1880...	J. D. Patten	do	do	do	do	do	do	18, 1883
1519	November 18, 1880...	N. Murchison	do	do	do	do	do	do	18, 1883
1687	October 10, 1881...	A. Gillis	do	do	do	do	do	April	4, 1883
1478	August 4, 1880...	G. O. Sanderson	do	do	do	do	do	do	4, 1883
1472	July 7, 1880...	H. H. Chase	do	do	do	do	do	July	9, 1883
1483	August 9, 1880...	A. T. Cohoon	do	do	do	do	do	April	4, 1883
1500	September 6, 1880...	M. H. Martin	do	do	do	do	do	do	4, 1883
1684	November 5, 1881...	John Oxley	2nd Mate	do	do	do	do	do	4, 1883
1445	April 30, 1880...	J. Ryan	Mate	do	do	do	do	May	3, 1883
1554	February 15, 1881...	E. C. LeBlanc	do	do	do	do	do	June	6, 1883
1412	do 24, 1880...	A. Whidden	do	do	do	do	do	do	6, 1883
1534	December 14, 1880...	J. W. Harvey	do	do	do	do	do	May	3, 1883
1416	March 17, 1880...	W. G. Bush	do	do	do	do	do	June	6, 1883
1422	do 22, 1880...	F. W. Thomas	do	do	do	do	do	do	14, 1883
1429	April 15, 1880...	O. Bernier	Master, fore & aft rigged	do	do	do	do	April	10, 1883
1266	do 24, 1879...	O. Blanchet	Mate	do	do	do	do	do	19, 1883
1318	July 16, 1879...	H. S. Chambers	do	do	do	do	do	do	15, 1833
1522	November 23, 1880...	E. D. Riley	do	do	do	do	do	do	15, 1883
1608	June 27, 1881...	F. P. Trifes	2nd Mate	do	do	do	do	do	15, 1883

LIST of Canadian Certificates of Competency and Service which have been Cancelled, &c.—Continued.

Number of Certificate.	Date of Certificate.	Name.	Grade.	Cause of Cancellation.	Date of Cancellation.
724	June 15, 1875...	N. Troop.....	Mate.....	Passed for a higher grade Certificate	April 15, 1883
1165	do 1, 1880...	Jas. Meikle.....	do	do do	December 6, 1883
1622	August 8, 1881...	J. O. McDougall.....	do	do do	October 3, 1883
1653	October 10, 1881...	R. M. Faulkner.....	do	do do	do 3, 1883
1482	August 9, 1880...	J. E. Toye.....	do	do do	November 3, 1883
1709	March 14, 1882...	J. N. Kay.....	do	do do	do 8, 1883
1281	May 23, 1879...	J. Johnston.....	do	do do	do 8, 1883
1562	February 18, 1881...	O. H. Willingale.....	2nd Mate.....	do do	do 8, 1883
1565	do 25, 1881...	C. L. Caskey.....	do	do do	do 12, 1883
1575	November 23, 1880...	W. Buchannah.....	Mate.....	do do	December 28, 1883
1610	June 27, 1881...	E. DeLong.....	Master.....	do do	do 28, 1883
1749	August 23, 1882...	J. E. Dickson.....	2nd Mate.....	do do	do 28, 1883
1605	May 30, 1881...	J. W. Boyd.....	Mate	do do	October 17, 1883
1627	August 11, 1881...	B. P. Jamieson.....	do	do do	do 10, 1883
1668	November 15, 1881...	A. H. Kinney.....	do	do do	do 10, 1883
1602	September 14, 1880...	J. M. Marsh.....	do	do do	do 10, 1883
1720	April 26, 1882...	J. A. McLellan.....	2nd Mate.....	do do	do 10, 1883
1884	December 23, 1876...	T. W. Roberts.....	Mate.....	do do	December 6, 1883

1446	April	30, 1880...	Louis Côté.....	do	do	do	do	6, 1883
1561	February	18, 1881...	Wm. Read	do	do	do	do	28, 1883
1642	September	9, 1881 ..	Wm. Budd.....	do	do	do	do	6, 1883
1651	do	26, 1881...	J. A. B. Ross.....	do	do	do	do	6, 1883
1228	December	23, 1878...	J. H. Tedford.....	Master.....	Cancelled on account of conviction of a misdemeanor.	March	March	9, 1883
153	July	18, 1872...	C. T. Fraser.....	do	Died in New York..	April	April	7, 1883
1212	November	13, 1878...	C. B. Ryder.....	Mate ..	Drowned.....			

SERVICE.

735	June	3, 1874...	Lorenzo D. Curry.....	Master.....	Cancelled on account of incompetency.....	December	December	7, 1883
1088	July	28, 1877...	J. J. Warner.....	Mate	Passed for a higher grade Certificate.....	March	March	21, 1883
78	August	2, 1882...	D. Linehan.....	Master.....	Died at sea.....	April	April	4, 1883
1051	do	33, 1876...	J. G. Graham.....	do	Passed for a higher grade	July	July	12, 1883
921	June	21, 1875...	J. Olston.....	Mate	do	September 10,	September 10,	1883
1079	May	7, 1877...	Peter Stuart.....	do	do	April	April	14, 1883
1088	December	21, 1876...	M. A. McNamara.....	do	Drowned in Spain.....			

APPENDIX No. 6.

REPORT OF THE HARBOUR COMMISSIONERS OF MONTREAL FOR THE
CALENDAR YEAR ENDED 31ST DECEMBER, 1883.SECRETARY'S OFFICE,
MONTREAL, 28th February, 1884.

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 and Fisheries, statements of the receipts and disbursements of the Trust for the year ended 31st December, 1883.

The receipts from all sources were as follows, viz:—

	\$	cts.	\$	cts.
FROM COLLECTOR OF CUSTOMS, MONTREAL.				
Wharfage on goods—inwards.....	108,245	27		
“ “ outwards.....	56,380	91		
Tonnage dues on steamships.....	38,588	88		
“ “ sailing vessels.....	4,214	80		
			207,429	86
LOCAL TRAFFIC.				
Wharfage on goods—inwards.....	4,376	29		
“ “ outwards.....	920	20		
Harbour dues on barges.....	8,841	21		
“ “ steamers.....	2,166	54		
Commutation on steamers.....	13,578	50		
Received for piling lumber on wharves.....	3,421	00		
“ “ coal.....	4,793	50		
“ “ firewood “.....	441	50		
“ “ phosphates “.....	118	44		
“ rent of small offices.....	834	55		
“ “ scales.....	800	00		
“ penalties.....	92	00		
Net Revenue.....			40,383	33
<i>From Dominion Government..</i>				
Received on account of new channel operations.....	110,000	00		
“ “ maintenance of buoys and beacons.....	7,000	00		
Rent of offices in old building.....	675	00		
“ “ new building.....	2,000	00		
Received from Canadian Pacific Railway—rent of tracks.....	1,937	53		
“ 1st instalment on old building, sold.....	3,600	00		
“ for harbour debentures, series B., sold.....	107,000	00		
“ sundries, wharfages, &c.....	205	33		
“ interest on bank accounts, &c.....	3,190	58		
“ from schooner “Providence”.....	238	29		
Sundry amounts received for credit, as under:—				
New channel operations.....	5,506	67		
Harbour dredging.....	8,340	00		
Electric light.....	58	13		
Harbour repairs.....	387	96		
New dredging plant.....	5,600	00		
Harbour expenses.....	62	00		
Hochelaga wharf.....	18	00		
Harbour survey.....	96	00	138,865	49
Total Receipts.....			503,678	68

EXPENDITURE.

	\$ cts.	\$ cts.
The expenditure was as follows:—		
Harbour survey.....	2,151 99	
Interest on harbour debt.....	114,342 50	
Travelling and incidental expenses.....	727 54	
Hochelaga wharf—Sec. 38 to 40.....	3,359 90	
Legal and notarial expenses.....	566 30	
Dominion Government interest.....	68,407 67	
Harbour railway.....	1,270 37	
St. Lambert channel—Government survey.....	257 88	
Harbour dredging.....	17,296 19	
Buoys and beacons.....	6,564 24	
Harbour expenses.....	26,925 61	
Harbour repairs.....	35,768 18	
New channel operations.....	199,050 39	
Lighting wharves—electric light.....	\$1,826 75	
“ “ coal oil.....	423 82	
Printing, advertising and stationery	2,250 57	
Latrines.....	2,202 95	
R. H. Buchanan & Co.—paid account steam pump	2,589 98	
Paid debentures, series C. C.....	600 00	
Wharfage dues returned.....	104,000 00	
Mrs. John Young—annuity, 1883.....	2,939 63	
Accounts written off.....	600 00	
Raising schooner “Providence”.....	209 75	
	950 00	
Total Expenditure.....		593,031 64

In comparing the Revenue statement with that of last year, it will be seen that the net revenue decreased \$1,317.72, or about one-half per cent., the sea-going traffic showing an increase of \$1,841.50, while the local traffic showed a falling off of \$3,159.22.

A copy of the Chief Engineer's Report has been forwarded you, giving an account of the repairs, dredging operations, &c., within the harbour.

The copies of the following reports have also been sent you:—1st. The Harbour Masters', with comparative statements of the trade of the port, &c.; 2nd. The Superintendent of Pilots', giving particulars as to the maintenance of the buoys and beacons in the River St. Lawrence and other rivers under the jurisdiction of the Trust; and 3rd. The report of the Pilotage District of Montreal.

From the statements of the Harbour Master, it will be seen that the steam tonnage coming to the port continues to increase, the ratio for the past year being 91 per cent. of steam tonnage, and 9 per cent. of sail.

The total amount of ocean tonnage was 664,263 tons, being an increase of 35,992 tons over the largest previous year. The inland tonnage was 764,721 tons.

As stated in my last year's report, the 25 feet ship channel to Quebec was completed and tested in October last. A report on this work for the fiscal year ended 30th June, 1883, was, as usual, sent to the Department of Public Works. At the Session of the Dominion Parliament of 1883, a loan of \$900,000 was obtained to enable the Commissioners to further deepen the ship channel to 27½ feet at low water, and work on the same was commenced about the middle of last summer.

I have the honour to be, Sir, your obedient servant,

H. D. WHITNEY,

Secretary.

PORT OF MONTREAL.

COMPARATIVE Statement showing the dates of the opening and closing of navigation, first arrival from sea and the last departure for sea, the past ten years.

Years.	Opening of Navigation.	Close of Navigation.	First Arrival from Sea.	Last Departure for Sea.
1874.....	April 25.....	Dec. 13.....	May 11.....	November 21
1875.....	May 3.....	Nov. 29.....	" 9.....	" 22
1876.....	April 27.....	Dec. 10.....	" 8.....	" 23
1877.....	" 17.....	Jan. 2, 1878.....	April 29.....	" 24
1878.....	March 30.....	Dec. 23.....	" 20.....	" 24
1879.....	April 24.....	" 19.....	May 1.....	" 24
1880.....	" 17.....	" 3.....	" 2.....	" 22
1881.....	" 21.....	Jan. 2, 1882.....	April 29.....	" 23
1882.....	" 11.....	Dec. 9.....	May 6.....	" 21
1883.....	" 27.....	" 16.....	" 5.....	" 20

APPENDIX No 7.

REPORT OF THE QUEBEC HARBOUR COMMISSIONERS FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.

QUEBEC, 9th January, 1884.

SIR,—In compliance with the provisions of Section 14 of the 38th Victoria, Chapter 55, I have the honour to report as follows on the doings of the Quebec Harbour Commissioners for the year 1883:—

Arbitration in re Contractors for the Harbour Improvements' Claim in settlement of their Contract.

In my report for the year 1882 I gave the particulars concerning the award made by the Dominion Board of Arbitrators in favour of Messrs. Peters, Moore & Wright, in final settlement of their claim in connection with their contract for the construction of the harbour improvements, and I stated that the award was then under the consideration of the Commissioners.

Since, the Commissioners, acting under legal advice, have notified the contractors that, considering all the circumstances of the case, they had decided not to recognize the award of the Dominion Arbitrators as valid, and therefore would decline to pay the amount demanded under same.

The contractors have, in consequence, resolved to open the case *de novo* and, instead of suing the Commission for the recovery of the Arbitrators' award, they have 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.

Change of Engineers.

For various reasons, more particularly on account of their long absence from the works, and of the difficulty of communicating with them, the Commissioners have come to the conclusion that, in the interest of the execution of the important contract under their control, it was necessary to dispense with the services of their chief engineers, Messrs. Kinipple and Morris.

By mutual consent an arrangement has been entered into, in August, by which the engagement of Messrs. Kinipple and Morris has been cancelled, the Commissioners having paid them the sum of fifteen thousand and forty-six dollars and thirty-four cents (\$15,046.34), being the balance of their commission up to the date of the cancellation of their engagement. Through the same arrangement they have been retained as consulting engineers for a term of three years, at a salary of one thousand dollars (\$1,000) per annum.

The departure of Messrs. Kinipple and Morris has necessitated the engagement of new engineers. Mr. Henry F. Perley, the Chief Engineer of the Public Works of Canada, has, at the request of the Commissioners, kindly consented to take charge of the graving dock, and Mr. John Edward Boyd, one of the engineers under Mr. Perley, has, in compliance with a request addressed to the Hon. the Minister of Public Works, been appointed engineer in charge of the Harbour Works.

The office of Resident Engineer having been virtually abolished under the new arrangement it was found necessary to part with Mr. Woodford Pilkington, who will have completed, on 1st June next, a term of seven years' service as Resident

Engineer to the Commission. He has been notified that, on the last day of the month of May proximo, his connection with the Commission will be discontinued.

The Commissioners have decided to grant him a certificate, in which they will recognize his ability, his faithful and most competent services.

Graving Dock.

On entering into duty as engineer in charge of the graving dock, Mr. Perley made a thorough survey of all the work that had been executed. The enclosed copy of an elaborate report that he had addressed to the Commissioners on the situation, will show you the real position of the works on the 17th November, and what has to be done to complete the dock. His report having been approved of by the Commissioners, the suggestions therein contained, of shortening the dock by 30 feet will be carried out. The length will therefore be reduced to 519 feet, a length long enough to accommodate the largest steamer that frequents the harbour, which measures 465 feet over all.

The figures embodied in his report give the approximate total cost of the graving dock which will exceed two hundred and twenty-five thousand dollars (\$225,000) the original estimate prepared by the late engineers.

Contracts in Connection with the Continuation and Completion of the Harbour Improvements.

One of the two contracts, awarded in 1882, for the continuation and completion of the harbour improvements—the Gas Wharf Junction contract—has been satisfactorily completed. Through this new wharf and northern cribwork a communication with the North Shore Railway can be effected on the Louise Embankment.

On account of unavoidable delay in the construction of their plant, the contractors for the other contract, also awarded in 1882—the dredging contract—were unable to commence their work before the middle of the season. Once commenced, the work was carried out vigorously, day and night, without interruption and, at the close of the season, ninety-four thousand and ninety-two (94,092) cubic yards of material had been dredged with the aid of a powerful dredge only.

The contractors, Messrs. Larkin Connolly & Co. are building a new dredge, similar to the one above mentioned, which will be placed on the works next season.

They are satisfied that they will be able to complete their contract by the time it will expire, that is to say, the 1st November next.

The contract involves the following quantities to be dredged.

168,500	cubic yards	15 ft. below low water.
91,000	“	“ 15 ft. to 20 ft. below low water.
90,000	“	“ 20 ft. to 26 ft. “ “ “
55,000	“	“ 23 ft. to 26 ft. “ “ “
20,000	“	“ 26 ft. to 36 ft. “ “ “

By deducting the 94,092 cubic yards of material already dredged, the balance remaining to be done under the contract represents 329,408 cubic yards.

The last contract for the completion of the Harbour Improvements—the cross-wall contract—has been signed on the 6th June, after having been approved of by the Government. It will expire on the 1st December, 1885.

The successful competitors have been Messrs. Larkin, Connolly & Co, who are now the contractors of all the works under the control of the Commissioners.

This last contract involves an expenditure of six hundred and thirty four thousand dollars (\$634,000.)

There cannot be any doubt now that the end of the year 1886 will witness the completion of our immense harbour improvements which were commenced in 1877. Although the cross-wall contract expires the 1st December, 1885, it will take another season to erect the caisson at the entrance of the wet dock.

It is the intention of the Commissioners to anticipate the use of those improvements, and they are, at present, considering the question of extending, next summer, the North Shore Railway line from the Palais Station to the east end of the Louise Embankment.

Ballast.

Only three vessels, during the season, have been ordered to the breakwater under the authority of the by-law of 1877. The quantity of ballast discharged into that wharf from those vessels represents five hundred and thirty tons (530).

The filling of the breakwater, which was commenced in 1877, has been completed by the ballast of those vessels. It has absorbed the ballast of two hundred and thirty-five vessels (235), aggregating eighty-seven thousand, six hundred and twenty-three tons (87,623) of filling materials.

This wharf is now in a perfect order, and affords great advantage for storing coals. Ten thousand tons can easily be accommodated there at all times.

Unless means are devised for the discharging of ballast elsewhere, all the ballast ships will have, for the future, to be sent to the ballast ground.

Three thousand five hundred tons (3,500) of material have been secured, during the year, for the ballasting of the Pointe-a-Carcy wharf. The filling up of the wharf advances satisfactorily; but, on account of its size and of the difficulty of securing the material, which can only be obtained from the city, it will take many years still before it is entirely filled. This property being leased and the traffic on it being very large, it is not possible to use the same process for its filling up as was done for the breakwater, where many vessels can be moored at the same time.

The expenditure connected with the filling up of those two wharves, during the season, has been as follows:—

Pointe-a-Carcy.....	\$655 25
Breakwater.....	181 80

Repairs to Property.

The property under the control of the Commissioners has been kept in a thorough state of order. The most considerable improvement effected was the painting of the large stores Nos. 1, 2 and 7, the two first after having undergone important repairs.

The Commissioners decided, in 1879, to repair Atkinson's Wharf. They have not yet been able to carry out their project, for the reasons given in the reports that were since addressed to you.

The term of the lease of this wharf will expire on the 1st May prox., and as soon as the weather will permit, after that date, the work will be commenced and proceeded with without delay, in order that the wharf may be available early in June.

The total expenditure of the year, in connection with the repairs to property, has reached the sum of fourteen hundred and ninety-five dollars and forty-six cents (\$1,495.46) distributed as follows:—

Breakwater.....	\$131 70
Pointe-à-Carcy Wharf, including the stores.....	964 07
East India Wharf.....	75 72
Wellington Wharf.....	223 52
Atkinson's Wharf.....	53 92
Reynars' Wharf.....	44 53
Grand Trunk Wharf.....	2 00

\$1,495 46

A sum of one hundred and three dollars and forty-seven cents (\$103.47) is still due on account of the expenditure that has been incurred in connection with the

repairs of the Point-à-Carcy property, which amount, added to the nine hundred and sixty-four dollars and seven cents (\$964.07) mentioned above, gives a total of one thousand and sixty-seven dollars and fifty-four cents (\$1,067.54) expended on that property.

Coasting Trade.

The following is a statement of the coasting trade of the harbour, for the season of navigation :—

Cargoes by Schooners.....	1,255
" Bateaux.....	1,210
" Barges.....	223
" Steamboats.....	268
Passengers	43,311

The aggregate tonnage of the crafts engaged in the coasting trade, during the season, is represented by 416,300 tons.

I forward herewith statements containing all the information annually conveyed to your Department regarding the Port of Quebec, also a complete statement of the Commissioners, accounts for the year.

Revenue

The following is a comparative statement of the Commissioners' revenue for the two last years:—

	1882.		1883.		Difference in 1883.		
	\$	cts.	\$	cts.	\$	cts.	
Tonnage Dues.....	21,857	54	26,008	34	4,050	80	Increase.
Import do	4,128	14	3,919	86	208	28	Decrease.
Export do	7,939	45	8,872	34	932	89	Increase.
Harbor do	3,483	98	2,932	62	551	36	Decrease.
Property Revenue	19,813	07	21,677	93	1,864	86	Increase.
Interest	519	73	1,144	55	624	82	do
B. & D. Water Lots	2,031	86	1,977	37	54	49	Decrease.
Sundries.....	80	50	61	81	18	69	do
Totals.....	59,854	27	66,594	82	6,740	55	Increase.

I have the honor to be, Sir, your most obedient servant,

A. H. VERRET,
Secretary-Treasurer.

To the Honourable

A. W. McLELAN,

Minister of Marine and Fisheries, &c., &c.,
Ottawa.

QUEBEC.
Statement of Assets and Liabilities per Balance Sheet of Date.

	ASSETS.	\$ cts.	1883. Dec. 31	LIABILITIES.	\$ cts.	\$ cts.
1883.						
Dec. 31	Real Estate:—			Quebec Harbor Debentures.....	1,607,069 00	
	Point-a-Carcy Wharf.....	271,795 36		Received on account—Graving Dock.....	526,000 00	
	Breakwater ".....	240,344 63		Six months' interest on \$723,000.....	14,469 00	
	East India ".....	48,368 49		Deposit for specification.....	50 00	
	Grand Trunk ".....	16,453 32		Jas. H. Golden.....	149 86	2,146,728 86
	Wellington ".....	84,734 35				
	Atkinson's ".....	50,945 20		SURPLUS.		
	Reynar's ".....	9,918 29		Composed as follows:—		
	<i>In re</i> Beach and Deep Water Lots:—			Beach and Deep Water Lots.....	45,466 15	
	Capital at debit, sundry parties.....	34,576 85		Sinking Fund.....	121,695 38	
	Arrears of interest to 24th June, 1883.....	5,276 46		Profit and Loss.....	67,327 99	224,389 52
	" " 24th Dec., 1883.....	1,241 44	41,094 75			
	Harbor Improvements:—					
	Peters, Moore & Wright.....	625,778 13				
	Engineering and sundries.....	204,307 12				
	Larkin, Connolly & Co., dredging.....	29,876 98				
	Dredging contingencies.....	2,043 68				
	Larkin, Connolly & Co., piling.....	12,634 68				
	Piling contingencies.....	8,218 12				
	Larkin, Connolly & Co., cross wall.....	25,200 00				
	Cross wall contingencies.....	731 02	908,789 70			
	Graving Dock:—					
	Larkin, Connolly & Co.....	394,964 69				
	Wigham, Richardson & Co.....	29,331 45				
	Carrier, Laine & Co.....	19,076 00				
	Engineering and sundries.....	78,056 96				
	Sinking Fund—In hands of Receiver-General		117,980 38			
	Cash:—					
	On hand.....	675 81				
	In Le Banque Nationale.....	56,323 82				
	Rents—Due by sundries, per balance sheet.....		6,866 78			

Harbor Dues—Dues by sundries, per balance sheet.....	1,406 83			
Open Exchange.....	2,519 15			
Fly Bank Channel.....	6,760 11			
Jackscrews on hand.....	394 87			
Tools on hand.....	977 55			
Anchors on hand.....	485 44			
Lumber on hand.....	1,491 19			
Office furniture.....	2,387 36			
	<u>2,371,118 38</u>			
				<u>2,371,118 38</u>

A. H. VERRET,
Secretary-Treasurer.

APPENDIX No. 8.

REPORT ON THE OPERATIONS OF THE HARBOUR COMMISSIONERS
OF TORONTO, FOR THE CALENDAR YEAR ENDED 31st DECEMBER,
1883.

TORONTO HARBOUR.

SECRETARY of the Toronto Harbour Trust in Account with the Harbour Commissioners for 1883.

DR.		GENERAL BALANCE SHEET.		CR.	
1883.	\$ cts.	1883.	\$ cts.		
Dec. 31. Wharf property, lighthouses, &c	40,000 00	Dec. 31. E. G. Helliwell, over-deposit 29th Nov.....	112 00		
Elevator.....	10,250 00	Balance to the credit of profit and loss.....	52,144 67		
Office furniture.....	639 43				
Corporation of the City of Toronto.....	60 00				
Toronto, Grey & Bruce Rail- way, interest.....	49 54				
Bank of Toronto on deposit...	1,238 13				
Cash on hand.....	19 57				
	<hr/> 52,256 67				<hr/> 52,256 67

MORGAN BALDWIN,
Harbour Master.
E. G. HELLIWELL,
Deputy Harbour Master.

Having examined the books, accounts, vouchers, and compared the Balance Sheet as above with the books, we certify the same are correct and represent a true statement of the affairs of the Trust to 31st December, 1883.

JAMES E. DAY,
J. GRANT RIDOUT, } *Auditors.*

ARTHUR B. LEE, *Chairman.* }
WM. HALL,
DAVID WALKER,
R. W. ELLIOTT,
A. M. SMITH, } *Harbour Commissioners.*

TORONTO, 5th January, 1884.

STATEMENT of Receipts and Expenditure of Toronto Harbour Trust for the Year 1883.

1883.	RECEIPTS.	\$	cts.	1883.	EXPENDITURE.	\$	cts.
Jan. 2.	Balance on deposit in bank...	1,091	76	Mar. 20.	E. G. Helliwell, amount re-		
	Cash on hand.....		4 67		funded for items paid.....	5	60
Dec. 31.	Toronto, Grey & Bruce Rail-	3,000	00	May 23.	Property account, making and		
	way, rent of Queen's wharf.	7,972	71		gilding weather vane.....	21	00
	Harbour dues.....			Dec. 31.	Profit and loss, repairs to		
	Water works, portion of ex-				Queen's wharf.....	221	30
	pense in placing and lifting				Charges account.....	270	80
	buoys.....	90	00		Insurance do.....	165	10
	Water works, for work on				Dredging do.....	6,745	15
	buoys.....	1	60		Coal and wood account.....	35	25
	E. G. Helliwell's over-deposit,				Salaries.....	2,600	00
	29th Nov.....	112	00		Office expenses.....	402	35
					Printing, stationery, &c.....	48	86
					Lights, buoys, &c.....	499	63
					Balance on deposit in bank...	1,238	13
					Cash on hand.....	19	57
		12,272	74			12,272	74

MORGAN BALDWIN,
Harbour Master.
E. G. HELLIWELL,
Deputy Harbour Master.

Examined and found correct.

JAS. E. DAY, } *Auditors.*
J. G. RIDOUT, }

TORONTO, 5th January, 1884.

STATEMENT IN DETAIL.

1883.	OFFICE FURNITURE.	\$	cts.	\$	cts.
Jan. 2.....	Balance as per ledger, page 197.....				639 43
	CORPORATION OF THE CITY OF TORONTO.				
Dec. 17.....	Portion of expense due for lifting buoys.....				60 00
	PROPERTY ACCOUNT.				
Dec. 30.....	Balance as per ledger, page 205.....	\$59,689	00		
April 23.....	Thomas Lalor, making weather vane.....	15	00		
May 23.....	G. Booth, gilding.....	6	00		
				59,690	00
	CREDIT.				
Dec. 31.....	Amount written off for wear and tear.....			19,690	00
					40,660 00
	TORONTO, GREY & BRUCE RAILWAY.				
Dec. 31.....	Interest due on overdue rent.....				49 54
	Carried forward.....				40,748 97

STATEMENT IN DETAIL—Continued.

		\$	cts.	\$	cts.
1883.	Brought forward.....			40,748	97
CHARGES ACCOUNT.					
Jan. 9.....	Commissioners' and Auditors' fees for 1882.....			270	80
INSURANCE ACCOUNT.					
July 28.....	Premium on elevator, \$4,000 at 4 per cent.....	160	00		
Dec. 27.....	do office furniture, \$600.....		5 10		
				165	10
DREDGING ACCOUNT.					
July 6.....	Mail, advertising for tenders.....		12 00		
Aug. 1.....	Globe do		12 00		
Sept. 4.....	Hunter & Murray, certificate No. 1, dredging slips.....		863 63		
Oct. 1.....	do do No. 2 do		1,285 14		
Dec. 11.....	do final certificate No. 3, including drawback....		213 70		
Nov. 1.....	do 1st certificate, dredging Ashbridge's Bay cut		1,678 50		
do 30.....	Unwin & Brown, laying out cut.....		21 00		
Dec. 11.....	Hunter & Murray, 2nd and final certificate.....		2,659 18		
				6,745	15
COAL AND WOOD.					
Feb. 7.....	P. D. Conger, account for coal.....		6 50		
May 7.....	do do		6 50		
do 26.....	do do		6 50		
Dec. 31.....	do do		6 50		
do 31.....	P. Burns, account for coal and wood.....		9 25		
				35	25
SALARIES.					
Dec. 24.....	Morgan Baldwin, Harbour Master for 1883.....	1,200	00		
do 24.....	E. G. Helliwell, Deputy Harbour Master.....		800 00		
do 24.....	Captain Tayler do		600 00		
				2,600	00
OFFICE EXPENSES.					
Nov. 30.....	G. R. Cockburn, rent of office for 1883.....		360 00		
Dec. 31.....	Sundry items as per petty cash.....		42 35		
				402	35
ELEVATOR.					
Jan. 2.....	Balance as per ledger, page 331.....			10,250	00
PRINTING, STATIONERY, &C.					
Feb. 7.....	Mail, account for printing reports for 1882.....		15 50		
May 8.....	E. F. Clarke, account for printing.....		7 50		
Nov. 1.....	Clougher Bros., account for stationery.....		18 25		
do 9.....	Copp, Clarke & Co., account for printing.....		5 25		
Dec. 31.....	Sundry items, as per petty cash.....		2 36		
				48	86
LIGHTS, BUOYS, &C.					
May 22.....	Frank Jackman, placing buoys in spring.....	\$70	00		
June 11.....	Ross & Allen, account.....		12 82		
do 11.....	Mail Printing Co., account.....		5 00		
				87	82
	Carried forward.....			61,266	48

STATEMENT IN DETAIL—*Concluded.*

		\$	cts.	\$	cts.
Brought forward.....		87	82	61,266	48
1883. <i>LIGHTS, BUOYS, &c.—Concluded.</i>					
July 4.....	Consumers' Gas Co., quarter's rent.....	\$	46 73		
Oct. 6.....	do do		87 33		
Nov. 1.....	St. Lawrence foundry account.....		31 00		
do 9.....	W. Trenwith's account.....		16 70		
Dec. 18.....	Frank Jackman, lifting buoys.....		100 00		
do 31.....	Consumers' Gas Co., quarter's rent.....		66 15		
do 31.....	Sundry items as per petty cash.....		63 90		
			499 63		
CREDIT.					
May 16.....	Refund by water works for paint.....	\$	1 00		
June 18.....	do do placing buoys.....		50 00		
Nov. 21.....	do do shackles.....		0 60		
Dec. 18.....	do do taking up buoys.....		66 00		
			111 60		
				388 03	
				61,654	51

DB.

PROFIT AND LOSS.

CR.

1883.		\$	cts.	1882.		\$	cts.
May 8.	James Bullevant, repairs to Queen's wharf.....	269	30	Dec. 31.	Balance as per ledger, page 348.....	71,700	60
Nov. 3.	do do	12	00	1883.			
Dec. 31.	Charges account.....	270	80	Oct. 1.	Toronto, Grey & Bruce Railway, rent of wharf.....	3,000	00
	Insurance.....	165	10	Dec. 31.	Harbour dues.....	7,972	71
	Dredging	6,745	15		Interest account	49	54
	Coal and wood.....	35	25				
	Salaries	2,600	00				
	Office expenses.....	402	35				
	Printing, stationery, &c.	48	86				
	Lights, buoys and beacons...	388	03				
	Property account	19,690	00				
	Steamer "Picton".....	11	34				
	Balance to the credit of profit and loss	52,144	67				
		82,722	85			82,722	85

MORGAN BALDWIN,
Harbour Master.
E. G. HELLIWELL,
Deputy Harbour Master.

JAS. E. DAY, }
J. G. RIDOUT, } *Auditors.*

TORONTO, 5th January, 1884.

COMPARATIVE STATEMENT.

ARRIVING by Steamers and Vessels for 1882 and 1883.

Description.		1882.	1883.
Merchandise and all unenumerated articles	tons	19,388	16,856
Coal	"	101,089	115,535
Wood	cords	434	282
Stone	toise	2,039½	2,140
Lime, plaster, resin.	brls	5,963	1,792
Fish, oil, &c.	"	3,571	442
Grain	bush	16,996	41,644
Lumber	per M	697,416	803,794
Fire brick	"	60,000	105,129
Potatoes and other vegetables.	brls	1,668	609
Fruit	"	1,434	2,338
do	boxes	5,938	7,141
do	baskets	51,615	55,818
Horses, carriages		268	412
Moulding sand	tons	1,040	1,057
Unwrought building stone	"	1,976	2,104
Porter, beer, &c.	brls	25	60
Flour, meal, &c.	"	126	250
Sheep, pigs	each	161	80
Whiskey	brls	9	None.
Hay	tons	78½	71
Lath, hoops	per M	964,000	378,000

COMPARATIVE STATEMENT OF THE DIFFERENT KINDS OF COAL FOR
THE YEARS 1881, 1882 and 1883.

Description.	1881.	1882.	1883.
Hard coal	114,153	79,746	105,947
Soft coal	13,926	21,343	9,588
	128,079	101,089	115,535

TORONTO, 31st December, 1883.

THIRTY-THIRD 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 1883.

The receipts of this year, though not equalling those of 1881, are in excess of those of last year.

The ice left the bay on the 14th April, and the bay was frozen over on the 21st December.

The first vessel to arrive was the "Ploughboy," light, at the Northern Docks, on the 12th April, and the last to arrive was the "Highland Beauty," with lumber, on the 15th December.

The number of vessels that arrived at this Port this season was 1,732, or 343 vessels less than last year, which may in part be accounted for by the Montreal boats not going on to Hamilton, as in previous years.

	1883.	1882.	Decrease.	Increase.
Steamboats loaded.....	490	530	40	
" light	38	112	74	
Propellers loaded.....	153	249	96	
" light.....	87	47	...	40
Schooners loaded.....	863	939	76	
" light	101	198	97	

The number of vessels wintering here is 49, representing a tonnage of about 9,658 tons.

The receipts for harbour tolls were \$7,972.71, an increase of \$640.00 as compared with last year. There was no "free through freight" this year.

The balance to the credit of the Trust on the 1st January was \$1,096.43. The revenue for the year was \$11,064.31, making a total of \$12,160.74. The expenditure was \$1,115.04, leaving a balance at the end of the year of \$1,257.70.

The amount of coal received by water was 115,535 tons, an increase of 14,446 tons as compared with last year.

NOTE.—The amount of coal imported by rail, as per information received at the Custom House, was: soft coal, 83,577 tons; hard coal, 103,465 tons. Total, 187,042 tons. Amount received last year, 105,315 tons.

The water has been higher this year than it has been since the year 1876. The highest water registered this year at the Queen's wharf was 36 inches above zero, on the 16th July, or 6½ inches higher than the maximum of last year, and the lowest 2 inches below, on the 21st January, or 1 inch higher than the minimum of last year. The water on the 31st December was 16½ inches above zero.

Dredging was done at the following places: Jarvis street slip, Princess street slip, Rogers' dock, and Don channel, at a cost to the Commissioners of \$2,386.47.

A cut was made from the River Don into Asbridge's Bay, for the purpose of diverting the waters of the River Don, at a cost of \$4,358.68. Further work, in the shape of a dam or stop logs, &c., will be necessary to turn the waters of the river during spring freshets, and prevent the setting up of the Don channel. The total cost of all the dredging amounted to \$6,745.15.

In dredging near the Don channel, and also at the foot of Scott street, the stuff removed was principally composed of street and other refuse dumped in neighbouring water lots without any retaining crib work. I would respectfully urge the representatives of the City on the Trust to use their influence with the Council of 1884 to have By-law No. 1325 carried out, which provides, "That no earth or refuse shall be dumped on any water lot until sufficient cribbing or piling be done to prevent the escape or washing out of such earth, &c."

The buoys were all placed out by the 8th May, and the last of them taken up on the 19th December.

The lights at the Queen's wharf were lit on the 15th April, and discontinued on the 17th December.

The Government have replaced the old stationery light on the island, with a powerful flash light, which is a great boon to vessel men.

The Government work for the protection of the island and harbour progresses satisfactorily. The contractors have been delayed a great deal in their work by storms and unforeseen accidents.

All which is respectfully submitted.

January 14th, 1884.

MORGAN BALDWIN,
Harbour Master.

TORONTO HARBOUR WORKS.

TORONTO, December 6th, 1883.

SIR,—I have the honour to report that, in accordance with the resolution of the Trust, the quantity of dredging this year has been as follows:

Jarvis street slip.....	1,594 cubic yards.
Princess " "	1,612 " "
Rogers " "	1,600 " "
Don channel.....	8,985 " "
Total	13,791 " "

The lowest tender was 15½ cents per cubic yard, the contractors being Messrs. Hunter & Murray.

The dredging at the Yonge and Brock street slips was deferred until next season, with your consent, as the work at the former slip could not be done during the warm weather for sanitary reasons, the depth of water being sufficient for navigation, and the wharf at the latter slip was not constructed in time to do the dredging.

Tenders were also received for dredging a cut 100 feet in width, 500 feet in length, and 10 feet in depth, from the River Don, at a point a short distance west of the G. T. R. bridge to Ashbridge's Bay, for the purpose of partially diverting the current of the river during floods, to prevent the accumulation of silt in the Don channel, and thereby decreasing the annual cost of dredging.

The tender of Messrs. Hunter & Murray was also the lowest for this work, viz., 19c. per cubic yard, and a contract for dredging the cut was entered into by them, the quantity estimated being 16,666 cubic yards for 500 feet in length, the mud and weeds of the marsh 800 feet farther south, and 100 feet in width, to be removed by the dredge at the rate of \$5 per hour, and if tugs and scows were employed, \$9 per hour.

The work on the contract, as certified, was completed on the 30th ult., but it was not considered necessary to extend the cut into the marsh more than 300 feet at present, though 800 feet were specified, as a large pond was reached, in which there were from 4 to 5 feet of water, which communicates with larger ponds, the weeds only growing on the surface.

When commencing the work it was found that at the entrance, as staked out by Messrs. Unwin, Browne & Sankey, for the reservation, there were only 5 feet of water in the River Don for about 45 feet in width, and it was necessary to remove 1,307 cubic yards from the bottom of the river to allow sufficient water for the dredge and scows to commence the cut through the bank, according to contract.

This was the only additional work, which was done at the contract price, viz., 19c. per cubic yard.

According to my report to the Trust, in June last, it was stated that "the cut was only half the width of that recommended in my report of 1879, but that it would

be sufficient to determine the advantage of the improvement, and it can be dredged the full width and the dam constructed at a future time."

The result of the partial diversion of the current can only be determined after the spring floods. But I consider that the full benefit of the improvement will not be attained until the proposed dam across the river has been constructed, or by the substitution of crib-work and stop-logs, as recommended in my report of June last.

The damage done to the Queen's wharf by the schooner "Oliver Mitchell" was repaired in the early part of the season, as recommended in the last annual report.

I have the honour to remain,

Your obedient servant,

KIVAS TULLY,
Engineer.

A. B. LEE, Esq.,

Chairman Toronto Harbour Commissioners.

APPENDIX No. 9.

**REPORT OF THE HARBOUR COMMISSIONERS OF PICTOU, N.S., FOR
THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.**

PICTOU, N.S., 3rd Jan., 1884.

SIR,—I have the honour to enclose herewith the Harbour Commissioners' account of receipts and expenditure for the year ended 31st December, 1883.

The amendment allowing vessels over 40 and under 80 tons free from dues, except twice in the season, reduces the receipts from harbour dues, but not more than was contemplated.

The Commissioners' contemplate expending part of the balance in finishing the breakwater at East Public Wharf commenced last winter.

Enclosed you will also find Harbour Master's Report for the past year, showing a total arrival of 1,540 steamers and sailing vessels, aggregating 247,605 tons.

The Commissioners' would respectfully ask if the services of the dredge "Cape Breton" can be had for a short time during the season, to finish some work at East Wharf and Breakwater.

I have the honour to be, Sir,

Your obedient servant,

J. A. GORDON,

Chairman Harbour Commissioners.

WM. SMITH, Esq.,
Deputy Minister of Marine, &c.,
Ottawa.

C.B.

Dr. Account of Receipts and Expenditure of Harbour Commissioners, to 31st December, 1883.

1883.	\$ cts.	\$ cts.	\$ cts.
Jan. 2 To Balance on hand, as per statement.....	405 00	3,441 81	744 46
Cash from Wharfinger.....	1,309 00		536 39
do Collector.....	57 67		14 76
do Interest.....		1,771 67	28 00
			27 00
			28 85
			13 00
			56 25
			37 08
			46 50
			233 90
			37 00
			56 17
			100 00
			200 00
			2,147 36
			100 00
			107 36
			2,858 76
			5,213 48
			2,858 76
Jan. 3 To Balance on hand.....			

E. O. E.

J. A. GORDON,
Chairman, Harbour Commissioners.

Sworn to at Pictou before me, this }
3rd day of January, 1884. }
WILLIAM ROSS, jun., J.P.

Pictou, N.S., 31st December, 1883.

SIR,—I have the honour to report that the following vessels have entered the Harbour of Pictou during the year ending this date:—

Vessels.		Tons.
139	British Paddle Steamers	91,018
136	do Screw do	56,597
23	do Barques.....	14,745
18	do Brigantines	3,578
2	do Barkentines.....	626
1,186	do Schooners	51,070
<hr/>		
1,504		217,634
33	Foreign Steamers.....	28,683
3	do Sailing Vessels.....	1,288
<hr/>		
		29,971
<hr/>		
1,540		247,405

JOHN GUNN,

Harbour Master.

J. A. GORDON, Esq.,
Chairman of Commissioners,
Pictou Harbour.

APPENDIX No. 10.

REPORT OF THE HARBOUR MASTER, HALIFAX, N. S., FOR THE CAL-
ENDAR YEAR ENDED 31ST DECEMBER, 1883.

HALIFAX, N.S., 7th January, 1884.

SIR,—I have the honour again to submit my Annual Report, and herewith enclose a statement for the year ending 31st December, 1883, together with a deposit receipt for \$47.50, said amount having been deposited to the credit of the Receiver-General in accordance with the Act 35 Victoria, chapter 42, governing the office of Harbour Master at this harbour.

The trade of the port has been about the same as last year although the steam tonnage shows somewhat of a decline, quite a number of European-bound steamers from southern ports, which formerly called here for coal, having received their supplies of that article the past twelve months at a port in the Chesapeake Bay.

I have the honour to remain, Sir, your obedient servant,

E. O'BRYAN,
Harbour Master.

WILLIAM SMITH, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

DR. RECEIPTS AND EXPENDITURE of the Harbour Master, Halifax, N.S., from 1st January to 31st December, 1883. CR.

	No.	Rig.	Tonnage.	\$	cts.	\$	cts.
To fees collected from	140	Steamers	190,374	661	50		
do	1	Ship	1,474	5	00		47 50
do	89	Barques	49,766	316	50		1,600 00
do	10	Barquentines.....	2,848	21	50		
do	9	Brigs.....	2,162	17	00		
do	127	Brigantines.....	21,081	201	00		
do	399	Schooners	33,993	425	00		
Total				1,647	50		1,647 00
						By Paid to credit of Receiver-General	
						Amount reverting to Harbour Master for expenses and	
						remuneration	
						Total	1,647 00

1883 Sworn to before me at Halifax, N.S., }
 this seventh day of January, 1884. }

WM. MCKERRON,
Notary-Public.

E. O'BRYAN,
Harbour Master.

APPENDIX No. II.

REPORT OF THE HARBOUR COMMISSIONERS OF NORTH SYDNEY, C.B.,
FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.

HARBOUR COMMISSIONERS' OFFICE,

NORTH SYDNEY, 16th January, 1884.

SIR,—In compliance with provisions of Section 4 of the 42nd Victoria, Chapter 30, we have the honour to submit our Report for the year 1883.

There was nothing done during the year on the harbour improvements commenced in 1879 and outlined in our previous Reports.

The following contains the usual particulars furnished your Department :—

Coal Report.

The coal shipments from the port show an increase of 9 per cent. over that of 1882. The following are the coal shipments from the Harbour since 1879 :—

Years.	Tons.
1879.....	147,051
1880.....	187,818
1881.....	258,961
1882.....	313,257
1883.....	330,749

Shipping.

The arrivals show an increase of 35 per cent. over that of 1882.

The following includes vessels for cargoes and orders, and steamers for banker coals :—

	Steamers.	Tons.
1883 {	395	253,199
	Sail. 1,091	164,694
Total.....	1,486	417,893

Receipts from Shipping.

There was an increase in the receipts from shipping of \$166.80 over that of 1882.

Of the 1,486 vessels reported above, only 761, representing 165,683 tons, paid harbour dues.

The Receipts and Disbursements are as follows :—

		\$ cts.			\$ cts.
Received from Collector of Customs		1,656 83	To Paid A. O. Bertram's account for		
From G. H. Dobson, for anchor		18 00	printing		21 25
			H. R. McKenzie's account.....		29 85
			Steamer "Merrimack's" account,		
			taking up buoys, 1882		30 00
			Labour		4 50
			Wharf repairs		9 20
			Harbour Master's salary.....		400 00
			Secretary's salary		480 00
			Steamer "Lady of the Lake's" ac-		
			count		12 00
			Harbour Police		360 00
			Office rent.....		50 00
			Stationery, office fuel, cleaning, &c...		13 10
			Expenses on stamp from Halifax.....		0 90
			Interest on loan		210 26
Balance.....		27 28	Five per cent. to Treasurer on expen-		
			diture		81 05
		1,702 11			1,702 11

We send you copies of the Harbour Master's report, giving a comparative statement of the tonnage of the port, with the Harbour Police report.

The Engineer's report, on the condition of the harbour works, will be forwarded to you in due course.

We have the honour to be, Sir,
Your obedient servants,

M. J. PHORAN,
W. H. MOORE,
GEO. H. DOBSON.

Hon. A. W. McLELAN,
Minister Marine and Fisheries,
Ottawa.

HARBOUR MASTER'S REPORT.

GENTLEMEN,—I hereby submit a comparative statement of arrivals of vessels and tonnage for cargo, orders, and steamers for bunker coals :—

Class of Vessels.	1879.		1880.		1881.		1882.		1883.	
	No.	Tons.	No.	Tons.	No.	Tons.	No.	Tons.	No.	Tons.
Ocean steamers	41	42,550	197	197,240	253	258,470	174	178,566	217	212,467
Coasting steamers.	165	45,752	43	15,297	55	25,703	128	86,759	178	40,732
Ships	8	7,541	13	16,768	9	11,078	5	5,989	11	10,480
Barks	134	68,224	124	77,882	136	44,763	110	62,380	115	53,151
Brigantines	145	25,358	189	45,524	125	25,854	185	45,969	148	36,186
Schooners	717	55,775	607	45,277	439	35,226	498	75,829	826	64,878
	1,160	245,220	1,173	297,990	1,017	401,082	1,100	455,492	1,486	417,894
Number seamen		9,892		12,385		10,147		11,927		14,297

GEO. B. MOFFATT,
Harbour Master.

APPENDIX No. 12.

REPORT OF THE HARBOUR COMMISSIONERS FOR THREE RIVERS, FOR PART OF THE YEAR 1882 AS WELL AS FOR THE YEAR 1883.

SIR,—In compliance with the provisions of Section 12 of the 45th Victoria, Chapter 52, I have the honour to submit the first Report of the operations of the Three Rivers Harbour Commission, for part of the year 1882, as well as for the year 1883.

Constituted by Act of Parliament, assented to 17th May, 1882, completed by Order in Council of the 26th July, the Harbour Board of Three Rivers held its first meeting on the 14th of August, 1882.

The season being then too far advanced to carry out, for the current year, any considerable operations in the improvements to be introduced in the harbour, or in working of the Commission, the Commissioners devoted their entire attention to the organization of the Trust and the adoption of a definite plan for the future.

An interview at Three Rivers with the Honourable the Minister of Public Works confirmed the Board in their resolution.

The combined project, accepted and elaborated by the Department, has been entirely approved of.

According to this project the harbour improvements are, for the present, divided into four (4) sections; the execution of the scheme to be distributed over a period of several years, depending on circumstances as to which part shall be accelerated, retarded or partly completed.

Section No. 1, which commended the first attention of the Commissioners, consisted of the immediate erection of proper wharf accommodation for the present trade. This pressing want being supplied, the adoption of Section 2, which embraces the creation of necessary facilities for the cattle trade.

Section No. 3, comprehending the erection of wharves and piers between the ice breakers and the place called "La pointe du Moulin à vents," improvements intended for the timber shipping trade, but of a less pressing nature, was left over for ultimate consideration.

But Section 4, including improvements in the mouth of the St. Maurice as well as in the St. Lawrence, improvements mostly of a general public character, viz. :— The dredging of the channels and the establishment of a Harbour of Refuge in one of the outlets of the first named river, and the removal of the shoal of boulders opposite the city—works to be executed by the Dominion Government—this part of the improvements, involving large and varied interests, has never ceased to attract the serious attention of the Commissioners.

A few minor improvements in other parts of the harbour were also examined and recorded.

In short, an entire programme was adopted and the work of the future defined.

The first steps of the Commissioners were now directed to the acquisition of the foreshore and deep-water rights, for the erection of a wharf in Section No. 1.

The Department of Public Works, prior to the definite installation of the Harbour Commission, had already been engaged in negotiating for the acquisition of some of the lots, for the purpose of placing the boulders removed from the shoal, but failing to obtain proper titles from the proprietors, a change in the original plan was required: Instead of building 1,750 feet of wharf, as intended, it was found necessary to alter the plan, or to commence the improvements in Section No. 2.

Obstruction of a different kind being also encountered in the last named quarter, the purchase of Reynar's wharf property was finally decided upon and by an Order in Council of 1st, December 1882, the purchase was approved of.

In consequence of said changes, a new set of working plans had to be prepared, and it was only in January, 1883, that tenders for the work could be asked for, and on the 27th of February, the contract for the first improvement by the Harbour Commissioners was signed.

During the previous summer the Government lifting barge was busily engaged on the "Batture," and the work continued during last season. The dredging in the St. Maurice, however, has not yet been undertaken, and the Commissioners, as well as the public, are anxiously waiting for the Department to commence these improvements.

In consequence of the difficulties encountered in obtaining from private parties proper titles for the foreshore and deep-water lots, the Commissioners addressed in October, 1882, a request to the Honourable the Commissioners of Crown Lands of the Province of Quebec, and renewed said request in the following June, for the purpose of obtaining from the Provincial Government the transfer to the Corporation of the Harbour Commissioners, the rights and titles which the Quebec Government may still possess within the limits of the harbour of Three Rivers.

Some divergence of opinion existed as to the rightful proprietor of some of said beach and deep-water lots (the Provincial or the Federal Government); this has had the effect of preventing, for the present, a solution of this question. Hopes are however, entertained, and steps will be taken next Session of Parliament to obtain from the Provincial Government the rights it may possess in our harbour; so that in this quarter also, further trouble may be avoided.

The question of revenue having a decided influence upon the more or less rapid completion of our improvements, and the equally important question of levying a very moderate tariff for harbour dues, the Commissioners devoted their constant attention to examine both these questions carefully, so as to raise sufficient revenue without injuring any of our interests, or weighing too heavily on the shipping or the trade in general.

Satisfied of having attained a reasonable and equitable estimate in framing our by-laws and tariff, the draft was submitted for examination to the proper authorities, and the official sanction obtained by an Order in Council of the 22nd February, 1883.

The organization of the Harbour Commission was then complete, and the result of its working anxiously awaited.

For the first year of its existence and in spite of a most depressing season, the result must be considered very satisfactory.

In the beginning of the season 1883, quite a legitimate pressure was exercised by representatives of some of the largest interests in our port, to hasten the completion of certain of our improvements.

As part of these improvements are to be executed by the Federal Government, the Department of Public Works was informed of this request, and Mr. Boyd, one of the engineers of the Department, visited the port for this purpose.

We are confident that the investigation held by this official will be of material aid in hastening the completion of the works, particularly as during the summer the Department found it advantageous to appoint one of its staff as resident engineer to take permanent charge of the harbour works.

Having obtained, in the course of the same season, a fair estimate of the working of the Commission and of the approximative amount of revenue, the Commissioners directed their attention to Section 2, and decided on the erection of a second wharf to serve the trade in the western portion of the harbour, and to offer, more particularly to the exporters of live stock, the only accommodation yet required to make the port of Three Rivers the most convenient place in the Province for the export cattle trade.

The proximity of this wharf to the splendid grazing grounds of the "Commune" and the "Banlieue" the loop, line branch of the North Shore Railway traversing these grounds and running parallel the whole length of the wharves, the offer of the Municipality to grant to shippers, free of any charge, the necessary ground for pasturage for the space of ten years, these and many other advantages cannot fail to direct the

attention of the merchants, forwarders and shippers to these peculiar facilities of our port.

Having before them the results of their first year's operations, persuaded of having before them a very fair chance of success, the Harbour Commissioners of Three Rivers, after carefully examining their position, came to the conclusion that the rules of equity may also be applied to their case, and that some of the privileges of their elder sisters may be accorded to their young institution.

With equal prospects in view, with equal security and far lighter cumberances, they claim the privilege to deposit in the hands of the Receiver-General, the debentures of the Commission (bearing 6 per cent. interest) which have been issued by Order in Council, and will in future be issued for the carrying out of operations sanctioned by the Honorable the Minister of Public Works; on these debentures the Government to advance money to the Commissioners, charging interest at the rate of 4 per cent. per annum.

By thus having the annual charge for interest on their capital reduced one-third (viz., 2 per cent. per annum) the Commissioners feel confident of being in a position to carry out the object of their Trust in a satisfactory manner and with the most complete success, relative to the important interests confided to their charge.

STATEMENT OF RECEIPTS AND DISBURSEMENTS.

The receipts from all sources were as follows, viz. :—

From Collector of Customs, Three Rivers.

Harbour dues on goods—Inwards.....	\$226 09
“ “ “ Outwards.....	629 32
Tonnage dues—Steamships.....	180 44
“ “ Sailing vessels.....	524 24
	\$1,560 09

Local Traffic.

Harbour dues on goods—Inwards.....	\$200 69
“ “ “ Outwards.....	1,180 29
“ “ Barges.....	185 53
“ “ Steamers.....	264 25
	\$1,830 76
Net Revenue	3,390 85
Received from issue of debentures.....	\$41,300 00
Total Receipts.....	\$44,690 85

The expenditure for 1882 and 1883, was as follows :—

Salaries of officers.....	\$1,700 00
Printing expenses.....	300 29
Travelling expenses.....	74 70
Rent, office expenses, sundries.....	642 40
Engineer's office expenses.....	99 97

Property Account :

Acquisition of property.....	18,549 13
Forward.....	\$21,366 49

Brought forward,	\$21,366 49
<i>Construction Account :</i>	
Wharf No. 1.....	20,154 29
Wharf No. 2.....	131 11
Interest on debentures.....	1,416 11.
Harbour dues returned.....	13 57
Total.....	<u>\$43,081 57</u>

DR.

BALANCE SHEET.

CR.

1883.		\$	cts.	1883.		\$	cts.
Dec. 31..	Total receipts.....	44,600	85	Dec. 31..	Total expenditure.....	43,081	57
	Amount at debit:—				Amount at credit:—		
	For Harbour dues.....	1,259	17		For Sundries.....	150	00
	Interest.....		99 00		Balance.....	2,817	45
		46,049	02			46,049	02

The accompanying Report, from the Resident Engineer, Mr. Berlinquet, contains all the information your Department may require, respecting the progress of the works, both of the Harbour Commissioners' improvements and the portion executed by the Department of Public Works.

The Harbour Master's Report, for the information of the Department, embraces a statement of the coasting trade, the number of vessels entered at the Custom House and a synopsis of the trade of the Port of Three Rivers during the year 1883.

I have the honour to be, Sir,

Your most obedient servant,

GEORGE BALGER,

Secretary.

The Hon. the Minister of Marine and Fisheries,
Ottawa.

APPENDIX No. 13.

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, 1883, 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 1883.		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	200	00	.....	.....	.....	.....
Goderich.....	28 Apl., 1876	Thomas N. Dancy.....	22 Apl., 1876	300	00	118	00	.....	.....	.....	.....
Midland.....	22 July, 1882	E. Polkinghorn.....	22 July, 1882	100	00	139	50	.....	.....	39	50
Parry Sound.....	24 Mar., 1883	John Galna.....	19 Mar., 1883	200	00	28	50	.....	.....	.....	.....
Penetanguishene	2 Feb., 1877	Francis Densome.....	3 June, 1881	200	00	19	50	.....	.....	.....	.....
Rondeau.....	4 May, 1878	Thomas Harrison.....	4 May, 1878	100	00	109	00	.....	.....	9	00
Southampton....	23 Sept., 1875	W. H. Johnston.....	27 Sept., 1882	100	00	92	50	.....	.....	.....	.....

PROVINCE OF QUEBEC.

Amherst.....	14 Sept., 1878	John Cassidy.....	2 Sept., 1878	200	00	42	00	.....	.....	.....	.....
Carleton.....	8 Dec., 1881	Joseph H. Landry.....	8 Dec., 1881	200	00	.....	.....	.....	.....	.....	.....
Gaspé.....	25 Sept., 1874	Joseph Eden.....	22 Sept., 1874	500	00	109	00	.....	.....	.....	.....
Matane.....	19 Oct., 1877	D. F. St. Aubin.....	12 June, 1880	200	00	20	50	.....	.....	.....	.....
Métis.....	7 Feb., 1878	P. F. Leggat.....	7 Feb., 1878	200	00	48	50	.....	.....	.....	.....
New Richmond..	15 Apl., 1882	Henry Leblanc.....	3 Apl., 1882	200	00	23	50	.....	.....	.....	.....
Oak Bay.....	27 Mar., 1880	Jas. D. Lowerby.....	22 Mar., 1880	200	00	30	00	.....	.....	.....	.....
Paspebiac.....	12 May, 1877	Hugh Christie.....	22 May, 1877	150	00	38	00	.....	.....	.....	.....
Rimouski.....	5 Mar., 1877	Jos. St. Laurent.....	30 May, 1878	200	00	25	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 1883.	Amount of expenses incurred in repairing & placing buoys, &c.	Amount paid over to Receiver-General.
				\$ cts.	\$ cts.	\$ cts.	\$ cts.
Rivière Ouelle ...	22 July, 1882	Achilles Fraser	22 July, 1882	100 00	56 00	.....	.....
St. Johns.....	} Within the harbour of Montreal.	Jos. E. Pinsonneault	10 May, 1879	450 00	841 50	.....	391 50
Sorel.....		Pierre Bellefueille.....	20 Apl., 1875	300 00	429 00	.....	129 00

PROVINCE OF NEW BRUNSWICK.

Bathurst	30 May, 1873	James Andrew.....	23 Mar., 1881	200 00	178 00	.....	.....
Black's Harbour and Beaver Harbour.....	22 Sept., 1883	E. W. Cross	17 Sept., 1883	100 00	Nil.	.....	.....
Buctouche	30 May, 1873	James Keswick	28 May, 1883	100 00	28 50	.....	.....
Campbelltown...	30 May, 1873	William Mott.....	9 July, 1873	200 00	27 50	.....	.....
Campobello.....	30 May, 1873	John Benjamin Beatty.....	7 July, 1873	100 00	23 50	.....	.....
Caraquet.....	30 May, 1873	Louis Poirier.....	17 Apl., 1883	150 00	49 00	.....	.....
Chatham.....	30 May, 1873	Wm. Johnston.....	25 June, 1879	300 00	508 00	58 95	149 05
Cocaigne.....	30 May, 1873	John Brooks.....	7 July, 1873	100 00	11 00	.....	.....
Dalhousie	30 May, 1873	James Moffatt.....	5 Apl., 1883	200 00	104 00	.....	.....
Dorchester.....	30 May, 1873	Joshua King.....	9 July, 1875	200 00	25 00	.....	.....
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 Avard	10 May, 1875	100 00	Nil.	.....	.....
Harvey.....	30 May, 1873	Joseph McAlmon.....	10 Apl., 1875	100 00	6 50	.....	.....
Hillsborough ...	30 May, 1873	Nehemiah Bennett.....	30 Apl., 1874	150 00	44 50	.....	.....
Ledge of St. Stephens..	30 May, 1873	Charles Young	22 Apl., 1876	100 00	3 50	.....	.....
Letete, &c.....	22 Sept., 1883	Jos. Chambers.....	17 Sept., 1883	100 00	2 00	.....	.....
Moncton	30 May, 1873	Vacant .....	.....	.....	.....	.....	.....

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—Continued.

PROVINCE OF NEW BRUNSWICK—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 1883.		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	69	00	.....	.....	.....	.....
Newcastle.....	30 May, 1873	John Niven.....	7 July, 1873	300	00	512	50	.....	.....	213	50
North Joggins...	30 May, 1873	Vacant.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Port Elgin and Baie Verte.....	6 Feb., 1873	Jacob Silliker.....	6 Feb., 1878	200	00	18	00	.....	.....	.....	.....
Pokemouche.....	7 July, 1883	Vital Lousier.....	23 June, 1883	100	00	NIL.	.....	.....	.....	.....	.....
Richibucto.....	30 May, 1873	James Alexander Jardine...	11 May, 1874	200	00	125	00	.....	.....	.....	.....
Rockland.....	30 May, 1873	Vacant.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sackville.....	30 May, 1873	do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Andrews.....	30 May, 1873	John Balson.....	7 July, 1883	100	00	50	00	.....	.....	.....	.....
St. George.....	30 May, 1873	James Dick.....	7 July, 1873	100	00	43	00	.....	.....	.....	.....
St. Martins and Quaco.....	14 May, 1874	Joseph Carson.....	14 May, 1874	100	00	12	00	.....	.....	.....	.....
Shediac.....	30 May, 1873	Alexander McQueen.....	19 May, 1876	300	00	108	50	.....	.....	.....	.....
Shippegan.....	30 May, 1873	John De Grace.....	10 Aug., 1880	100	00	3	00	.....	.....	.....	.....
Tracadie.....	7 May, 1874	Vital Arceno.....	9 July, 1875	100	00	14	00	.....	.....	.....	.....
West Isles.....	4 Feb., 1879	Thos. K. Parker.....	4 Feb., 1879	200	00	2	00	.....	.....	.....	.....

PROVINCE OF NOVA SCOTIA.

Advocate.....	15 May, 1880	Samuel Morris.....	10 May, 1880	100	00	.....	.....	.....	.....	.....	.....
Annapolis.....	12 Mar., 1875	William Cummings.....	16 May, 1879	200	00	100	00	.....	.....	.....	.....
Arichat.....	22 Apl., 1879	Andrew Bellefontaine.....	19 Mar., 1883	200	00	87	00	.....	.....	.....	.....
Baddeck.....	23 Sep., 1875	Stephen Atwater.....	15 Sept., 1875	100	00	20	50	.....	.....	.....	.....
Barrington.....	10 July, 1882	Ephriam Newell.....	1 Apl., 1881	200	00	34	50	.....	.....	.....	.....
Bayfield.....	11 July, 1879	John McDonald.....	11 July, 1879	200	00	1	50	.....	.....	.....	.....
Bear River.....	25 Sept., 1874	William Fenwick Hennigar	22 Sept., 1874	100	00	26	00	.....	.....	.....	.....
Beaver Harbour.	24 July, 1880	Leonard Jewers, sen.....	5 July, 1880	100	00	6	00	.....	.....	.....	.....
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,
&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 1883.		Amount of expenses incurred in repairing & placing buoys, &c.		Amount paid over to Receiver-General.
				\$	cts.	\$	cts.	\$	cts.	
Bridgewater	6 May, 1874	Joseph Robins Wyman.....	6 May, 1874	100	00	110	00	.....	18	50
Bras d'Or, including New Campbelltown	6 May, 1874	Francis Dunlap.....	6 May, 1874	200	00	4	00	.....	.....	.....
Cape Canso	6 June, 1876	William Walsh.....	6 June, 1876	100	00	62	50	.....	.....	.....
Cape Negro.....	18 May, 1881	A. D. Perry	18 May, 1881	200	00	8	00	.....	.....	.....
Chester.....	8 Sept., 1883	Arch. Evans.....	4 Aug., 1883	100	00	Nil.	.....	.....	.....	.....
Cheticamp.....	20 Apl., 1876	Fulgence Ancoin	15 Apl., 1876	100	00	3	00	.....	.....	.....
Clarke's Harbor.	1 June, 1881	J. B. Braunen.....	1 June, 1881	200	00	19	00	.....	.....	.....
Clementsport	1 May, 1877	Thomas Tracey.....	1 May, 1877	100	00	15	50	.....	.....	.....
County Line to Grand Nar'ws	9 June, 1883	Hugh Campbell.....	28 May, 1883	100	00	2	50	.....	.....	.....
Cow Bay.....	3 Mar., 1879	Hector McDonald	3 Mar., 1879	400	00	160	00	.....	.....	.....
Digby.....	19 Feb., 1878	James A. Hughes	19 Feb., 1878	300	00	40	50	.....	.....	.....
East Bay.....	25 Aug., 1883	Ronald Gillis.....	18 Aug., 1883	100	00	No retu	rn.....	.....	.....	.....
Gaberouse.....	3 Mar., 1879	John Hardy	3 Mar., 1879	100	00	6	50	.....	.....	.....
Glasgow and Cape Breton Pier.....	30 Oct., 1880	Angus McQuarrie	30 Oct., 1880	300	00	272	50	.....	.....	.....
Greville.....	13 Mar., 1880	James E. Hatfield.....	5 Mar., 1880	200	00	No retu	rn.....	.....	.....	.....
Halifax.....	No proclamation required by Act	Edward O'Bryan.....	18 Mar., 1880	1800	00	1647	50	.....	.....	.....
Ingonish, North Bay of.....	22 Mar., 1881	William Thompson.....	24 Mar., 1881	200	00	.....	.....	.....	.....	.....
International Harbour.....	30 Oct., 1880	Michael Neville	30 Oct., 1880	300	00	195	00	.....	.....	.....
Jordan Bay.....	25 Oct., 1876	Matthew Drips McKenzie...	25 Oct., 1876	150	00	19	50	.....	.....	.....
La Have.....	12 Mar., 1875	George Henry Zwicker.....	25 Feb., 1875	300	00	39	50	.....	.....	.....
Lingan.....	12 July, 1881	Thos. Laffin	12 July, 1881	200	00	40	50	.....	.....	.....
Liscombe.....	18 May, 1881	George Crooks	18 May, 1881	200	00	42	50	.....	.....	.....

TABLE showing the names of Ports proclaimed under the Dominion Acts,
&c.—Continued.

PROVINCE OF NOVA SCOTIA—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 1883.	Amount of expenses incurred in repairing & placing buoys, &c.	Amount paid over to Receiver-General.
				\$ cts.	\$ cts.	\$ cts.	\$ cts.
Little Narrows & Cranberry Pt.	9 June, 1883	Norman Matheson.....	28 May, 1883	100 00	NIL.	.....	.....
Liverpool.....	19 Jan., 1877	Wm. A. Kenney.....	19 Jan., 1877	200 00	19 50	.....	.....
Lockeport.....	18 May, 1881	E. A. Capstick.....	18 May, 1881	200 00	88 50	.....	.....
Louisburg.....	17 Mar., 1879	Patrick O'Toole.....	17 Mar., 1879	200 00	No return.....	.....	.....
Lunenburg.....	3 Dec., 1875	William Henry Begg.....	3 Dec., 1875	150 00	139 20	.....	.....
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	9 00	.....	.....
Margaret's Bay..	16 July, 1875	Francis Peter Boutillier....	9 July, 1875	100 00	11 00	.....	.....
Merigomish.....	26 Mar., 1878	W. C. Olding.....	26 Mar., 1878	100 00	4 00	.....	.....
Metighan River.	10 Feb., 1883	Urbain Doucette.....	31 Jan., 1883	100 00	21 50	.....	.....
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	40 50	.....	.....
Northwest Cove, Coleman's Cove and Aspetogan 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	112 50	.....	.....
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	10 50	.....	.....
Port Hawkesb'ry	16 July, 1875	Daniel Henesey.....	9 July, 1875	200 00	113 50	.....	.....
Port Hood.....	16 July, 1875	John Murphy, jun.....	9 July, 1875	200 00	5 50	.....	.....
Port LaTour.....	14 Apl., 1881	Wm. Nickerson.....	14 Apl., 1881	200 00	6 00	.....	.....
Port Mulgrave...	8 Mar., 1876	Duncan Gillis.....	23 Mar., 1883	200 00	65 00	.....	.....
Port Medway....	25 June, 1879	Jabez F. Parks.....	25 June, 1879	200 00	33 50	.....	.....

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 1883.		Amount of expenses incurred in repairing & placing buoys, &c.		Amount paid over to Receiver-General.	
					\$	cts.	\$	cts.	\$	cts.
Pubnico	27 Sep., 1882	D. Q. Amireau.....	27 Sept., 1882	100 00	50	50	.....	.....	.....	.....
Fugwash.....	22 Oct., 1873	A. A. Stevens	22 Oct., 1873	100 00	53	00	.....	.....	.....	.....
River John	26 Mar., 1878	Henry Heighton	29 Oct., 1879	100 00	3	00	.....	.....	.....	.....
St. Ann's, including Fucher Cove.....	20 Apl., 1881	Peter McLean	20 Apl., 1881	200 00	21	50	.....	.....	.....	.....
St. Mary's River.	18 May, 1881	Jas. G. Pride	18 May, 1881	200 00	10	50	.....	.....	.....	.....
St. Peters.....	24 Jan., 1881	Peter McNeill.....	17 Sept., 1883	200 00	47	00	.....	.....	.....	.....
Sambro	27 Dec., 1879	Joseph Martin	23 Dec., 1879	200 00	12	50	.....	.....	.....	.....
Sheet Harbour...	14 May, 1874	Malcolm McFarlane.....	6 Dec., 1883	150 00	71	00	.....	.....	.....	.....
Shelburne	27 Aug., 1877	John A. McGowan, jun.....	22 Jan., 1880	200 00	74	50	.....	.....	.....	.....
Smith's Mountain	9 June, 1883	James McGillot.....	28 May, 1883	100 00	No	retu	rn.....	.....	.....	.....
Tatamagouche...	27 Feb., 1878	Washington Irving.....	18 Aug., 1881	200 00	6	00	.....	.....	.....	.....
Tidnish	5 July, 1882	George Brundige.....	10 Aug., 1880	100 00	16	50	.....	.....	.....	.....
Torbay & Whitehaven	18 May, 1881	O. N. Feltmate.....	18 May, 1881	200 00	20	00	.....	.....	.....	.....
Tusket	18 Mar., 1875	Forman Hatfield	1 Mar., 1875	100 00	4	50	.....	.....	.....	.....
Wallace	22 Oct., 1873	John H. Macnab	26 July, 1882	100 00	7	50	.....	.....	.....	.....
Whycocomah....	29 Oct., 1875	Neil McKinnon.....	8 Oct., 1875	100 00	7	00	.....	.....	.....	.....
Yarmouth	18 Mar., 1875	Ebenezer Scott.....	19 Oct., 1877	250 00	293	50	32	02	11	48

PROVINCE OF PRINCE EDWARD ISLAND.

Bay Fortune	10 Apl., 1875	John R. Coffin.....	29 Apl., 1878	200 00	No	retu	rn .....	.....	.....	.....
Cardigan River, including Cardigan Bridge .	2 July, 1878	Hercules McDonald	2 July, 1878	200 00	No	retu	rn.....	.....	.....	.....
Cardigan River, from head of river to north bank Mitchell River	2 July, 1878	Allan Campbell.....	14 June, 1883	200 00	No	retu	rn.....	.....	.....	.....
Cascumpec	15 July, 1874	George Wells.....	17 June, 1874	200 00	8	50	.....	.....	.....	.....

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 1883.	Amount of expenses incurred in repairing & placing buoys, &c.	Amount paid over to Receiver-General.
				\$ cts.	\$ cts.	\$ cts.	\$ cts.
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	140 00	.....	.....
Crapaud.....	15 July, 1874	Wesley Myers.....	17 June, 1874	200 00	9 00	.....	.....
Edmont Bay.....	15 July, 1874	Alexander McArthur.....	17 June, 1874	200 00	No return	.....	.....
Georgetown.....	15 July, 1874	John Haggart.....	22 Oct., 1877	200 00	71 00	.....	.....
Grand River.....	10 Apl., 1875	Ronald S. McDonald.....	10 Apl., 1875	200 00	2 00	.....	.....
Grand River, down to and including Poplar Point and Chapel Wharf.	10 Apl., 1875	John McMullen.....	16 May, 1879	200 00	Nil.	.....	.....
Hillsborough....	24 Mar., 1881	John Kelly.....	24 Mar., 1881	200 00	No return	.....	.....
Malpeque.....	10 July, 1874	Vacant.....	.....	.....	.....	.....	.....
Miminegash.....	17 Apl., 1880	Richard McElroy.....	12 Apl., 1880	100 00	Nil.	.....	.....
Montague Bridge	15 July, 1874	Daniel C. Campbell.....	17 June, 1874	200 00	19 50	.....	.....
Murray Harbour.	15 July, 1874	William Millar.....	17 June, 1874	200 00	7 00	.....	.....
Murray River....	16 May, 1879	John Lowe.....	16 May, 1879	200 00	No return	.....	.....
New London.....	15 July, 1874	George Mackenzie.....	17 June, 1874	200 00	7 50	.....	.....
North Pinette....	15 July, 1874	Neil McLeod.....	17 June, 1874	200 00	3 00	.....	.....
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	No return	.....	.....
Rollo Bay.....	10 Apl., 1875	Charles Deagle.....	10 Apl., 1875	200 00	Nil.	.....	.....
Rustico.....	17 May, 1875	Geo. W. McKay.....	12 Apl., 1881	200 00	2 50	.....	.....
St. Peter's Bay..	10 Apl., 1875	George Anderson.....	7 Dec., 1878	200 00	No return	.....	.....
Souris East and West.....	10 Apl., 1875	John McCormack.....	25 Apl., 1879	200 00	29 00	.....	.....
Summerside.....	15 July, 1874	Ronald Campbell.....	17 June, 1874	200 00	21 15	.....	.....
Tracadie.....	17 May, 1875	Donald Campbell.....	31 Jan., 1881	200 00	0 50	.....	.....
Tryon.....	12 Apl., 1877	Alexander Howatt.....	12 Apl., 1877	200 00	No return	.....	.....
Vernon River Bridge.....	19 May, 1874	John Furness.....	17 June, 1874	200 00	4 00	.....	.....
West River.....	17 May, 1875	Vacant.....	.....	.....	.....	.....	.....

TABLE showing the names of Ports proclaimed under the Dominion Acts,
&c.—*Concluded.*

PROVINCE OF BRITISH COLUMBIA.

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 1883.	Amount of expenses incurred in repairing & placing buoys, &c.	Amount paid over to Receiver-General.
				\$ cts.	\$ cts.	\$ cts.	\$ cts.
Burrard Inlet....	4 Dec., 1876	Isaac Johns.....	4 Dec., 1876	406 00	306 50	.....	.....
Nanaimo	10 Apl., 1875	John Sabiston, jun.....	31 July, 1883	500 00	323 00	.....	.....
New Westminst'r	23 Jan., 1880	G. Pettendreich	12 July, 1881	400 00	67 00	.....	.....
Quadra.....	17 Apl., 1877	John Kenney	17 Apl., 1877	300 00	No return	.....	.....
Victoria and Esquimalt	20 Mar., 1875	W. R. Clarke.....	23 Mar., 1881	600 00	327 50	.....	.....

WM. SMITH,
Deputy Minister of Marine, &c.

OTTAWA, 1st January, 1884.

APPENDIX No. 14.

REPORT OF THE PILOTAGE DISTRICT OF MONTREAL, FOR THE
CALENDAR YEAR ENDED THE 31st DECEMBER, 1883.

MONTREAL, 18th January, 1884.

Wm. SMITH, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit herewith, for the information of the Honorable the Minister of Marine and Fisheries, the Annual Report of the Pilotage District of Montreal, for the year ended 31st December, 1883.

There was no increase in the number of apprentices during the past year. In March, an examination was held of those apprentice pilots who had completed the terms of their apprenticeship, with a view to licensing as pilots those who passed their examinations whenever the exigencies of the trade by the St. Lawrence required an increase in the present number of pilots. Seventeen apprentices presented themselves; the examinations extended over a period of six days and resulted in the acceptance of Messrs. Nestor Arcand, John Naud and Joseph Dusseau, as qualified to receive their branches in accordance with the conditions above mentioned.

The following pilots were superannuated, viz.:—Placide Gaillareet, on the 1st February; Hector Hamelin, on 1st August, died 2nd October; and F. A. Maynard, 1st September. Pilot Edward Naud having become insane, his name was removed from the list of active pilots. 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 earning of each for the season of 1883.

No.	Name.	Age.	Earnings.		Remarks.
			\$	cts.	
1	F. A. Maynard.....	63	334	82	
2	Jos. Leveille.....	66			Supt. of Pilots.
3	Hector Hamelin.....	68	319	91	Died.
4	Alfred St. Amant.....	40	1,507	26	
5	Zephrine Bouillé.....	55	1,221	43	
6	Cyrel Bellisle.....	56	502	06	
7	Adolphe Lisle.....	54	809	72	
8	George Raymond.....	54	529	71	
9	Augustine Naud.....	57	737	74	
10	Hubert A. Bellisle.....	52	478	57	
11	Athanase Dufresne.....	50	632	28	
12	J. B. Dorval.....	52	303	32	Sick.
13	Edward Naud.....	41	35	00	Sick—insane.
14	Peter Gagnon.....	56	1,153	68	
15	George Bellisle.....	44	191	68	Sick.
16	Onesime Naud.....	43	1,110	07	
17	Joseph Hamelin.....	50	1,545	54	
18	Joseph Chandonnet.....	43	1,607	89	
19	L. A. Bouillé.....	44	1,125	42	
20	P. Beaudet.....	42	1,687	93	
21	Elzear Bellisle.....	49	573	50	
22	Joseph Pleau.....	46	1,150	60	
23	Alfred Frenett.....	44	954	24	

LIST giving the name and age of each Pilot, &c.—Continued.

No.	Name.	Age.	Earnings.	Remarks.
			\$ cts.	
24	Phillip Belanger.....	45	988 73	
25	Victor Gagnon.....	45	1,097 04	
26	Narcisse Perrault.....	46	1,203 95	
27	Triflie Toupin.....	36	352 90	
28	Cleophas Auger.....	37	813 11	
29	Francis Deszordy.....	30	613 64	
30	Ferdinand Labranch.....	39	1,627 24	
31	David Perrault.....	42	819 18	
32	Alex Gauthier.....	37	1,127 25	
33	Louis Z. Bouillé.....	35	1,198 29	
34	Joseph Toupin.....	34	854 10	
35	Laurent Gauthier.....	34	1,452 42	
36	Jean Arcand.....	31	1,210 80	
37	Delovin Nault.....	32	1,576 52	
38	Wilbrod Gauthier.....	32	1,056 84	
39	Louis Mayrand.....	36	778 59	
40	George Dufresne.....	35	573 23	
41	Norbert Arcand.....	31	917 66	
42	Uldric Toupin.....	29	657 57	
43	Damas Caien.....	43	445 89	
44	Louis Bellisle.....	38	2,323 92	
45	Celestine Brunet.....	41	1,479 78	
46	Tancard Bouillé.....	30	676 79	
47	Ulric Groleau.....	36	638 06	
48	Louis N. Bouillé.....	57	1,000 00	Pilot "Str. Montreal."
	Total.....		43,995 87	

The foregoing amount was received from the following sources, viz:—

British.

Steamers.....	\$40,469 35	
Sailing Vessels.....	1,510 69	
	41,980 04	

Foreign.

Steamers.....	\$ 850 20	
Sailing Vessels.....	1,165 63	
	2,015 83	
	\$43,995 87	

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.	Remarks.
1	Alphonse Cossette.....	35	Champlain.....	
2	Nestor Arcand.....	27	Deschambault.....	
3	Gédéon Groleau.....	31	Gronbine.....	
4	Néré Belisle.....	31	Deschambault.....	
5	Hubert Perrault.....	34	Montreal.....	
6	Audilon Portelance.....	30	Gronbine.....	
7	Leboire Perrault.....	34	Deschambault.....	
8	John Naud.....	28	do.....	
9	Joseph Hurteau.....	23	Contrecoeur.....	
10	Wilfred Raymond.....	29	Deschambault.....	
11	Adolphe Richard.....	35	Contrecoeur.....	
12	Joseph Langlois.....	28	Pt. aux Trembles (<i>en bas</i>)	
13	Edward Perrault.....	33	Deschambault.....	
14	Lydoric Bouillé.....	26	do.....	
15	Elié Bouillé.....	24	do.....	
16	N. Edson Angers.....	33	do.....	
17	Honoré Dusseau.....	30	do.....	
18	Joseph Dusseau.....	27	do.....	
19	Narcisse Paquet.....	29	do.....	
20	Jean Baptiste Nadeau.....	25	Lévis.....	
21	Arthur Brière.....	26	Portneuf.....	
22	Aubert Naud.....	39	Deschambault.....	
23	J. Sifroy Labranche.....	27	Portneuf.....	
24	Alexis Perrault.....	21	Deschambault.....	

I would state that there were several casualties of a minor character to vessels within this district. In only two cases, however, were formal complaints made against the pilots. On the 15th May the SS. "Oxenholme," in charge of Pilot Treffie Toupin, while coming into the harbour went aground opposite the Victoria Pier. The vessel fortunately received no damage, and was floated after being lightened. On investigation the pilot was suspended for two months, viz., June and July.

On the 15th Sept., the SS. "Dorset" in charge of Pilot Jos. Pleau, ran aground at Contrecoeur. She got off without damage after having discharged a large portion of her cargo. As there were some extenuating circumstances in connection with the accident, the pilot was sentenced to forfeit the amount due for pilotage on the said vessel, and was also severely reprimanded.

The Commissioners have, as usual, maintained the buoys and beacons in the ship channel and the harbour, as also in the Rivière des Prairies and in the Richelieu River, between St. John's and Rouse's Point.

The following is the tariff of pilotage now in force in the Pilotage District of Montreal.

Quebec to Montreal or <i>Vice Versa</i> .	Upwards.	Downwards.
Pilotage of vessels in tow of steamers, for each foot of draught of water.....	\$ cts. 2 00	\$ cts. 2 00
Pilotage of vessels propelled by steam, for each foot of draught of water.....	2 50	2 50
Pilotage of vessels under sail, for each foot of draught of water.....	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.....	\$2,251 72
Interest on investments.....	2,081 87
	<hr/>
	4,333 59
The disbursements for pensions to old and infirm pilots and widows of pilots were.....	<hr/>
	\$3,281 76

I have the honour to be, Sir, your obedient servant,
H. D. WHITNEY,
Secretary.

 APPENDIX No. 15.

 REPORT OF THE PILOTAGE AUTHORITY OF QUEBEC, FOR THE CAL-
 ENDAR YEAR ENDED 31ST DECEMBER, 1883.

To the Hon. A. W. McLELAN,
 Minister of Marine and Fisheries, &c., &c.,
 Ottawa.

SIR,—In compliance with the provisions of Section 24 of the 36th Victoria, Chapter 54, I have the honour to submit the following report of the Quebec Harbour Commissioners, as Pilotage Authority, for the year 1883 :—

The operations of the year opened the 21st April by the departure of ten pilots, who were sent by the Intercolonial Railway, to the first station, in order to board the schooner No. 4, which had wintered there.

On the 5th May the schooner No. 3 left with fifteen pilots, and was followed on the 10th of the same month by the schooner No. 1, with thirty-five pilots. Five days after twenty-one pilots were despatched, by train, to Riviere du Loup, in order to meet the schooner No. 4; on the following day thirty-five were forwarded, also by train, to the same place, and on the next day they were followed by seven more.

The work of supplying with pilots the various stations during the season, was performed by only four schooners, instead of five formerly employed, and the service has been accomplished with satisfaction.

As previously, the railway was frequently used this year to forward pilots to the stations.

Old Pilots.

Under the 36th section of the "Pilotage Act, 1873," all the old pilots, thirty-seven in number, who had attained the age of sixty-five, and over, were summoned, before the opening of navigation, to appear before the Pilotage Authority in order to establish whether they could be continued in the exercise of their duties. With the exception of one, Jos. Lavoie, who was pensioned, they were all found able to continue to perform their duties, and a new license for one year was accordingly granted to each of them.

Pension List.

Three old pilots, past the age of sixty-five, Jacques Tremblay, Alexis Vezina and Abraham Couillard Desprès, have been superannuated, at their own request, during the year.

A young pilot, Léandre Raymond, of the age of thirty-four, has also been placed on the pension list on account of incurable insanity, from which he has been suffering for many years.

License Forfeited.

The license of the pilot Louis Fortunat Lavoie was, on the 23rd October, declared forfeited, under the authority of the Section 34 of the 36th Victoria, Chapter 54, the said pilot having passed two full and consecutive years without acting as pilot.

Trials.

Six pilots were tried during the season on complaints lodged by ship masters, and four on complaints lodged by the Corporation of Pilots, for infringing their regulations.

One of the statements annexed to this Report contains all the particulars as to the nature of the complaint and the result of the trial in each case.

The pilot, Nazaire Curodeau, who had been tried on the 4th November, 1882, for the grounding of the ship "Sandringham," and found guilty of the complaint lodged against him, filed an appeal before the Superior Court against the judgment condemning him, when the Report for the year 1882 was forwarded to your Department.

The judgment of the Pilotage Authority was subsequently reversed by the Superior Court.

One of the pilots who were tried during last year, Moïse Lachance, also lodged an appeal against the judgment condemning him. In this case the Superior Court has rendered a judgment maintaining the action of the Pilotage Authority.

Deaths.

Four pilots have died during the year. They were respectively named as follows : Pierre Ruelland, Huburt Dumas, Nicolas Fortin and Michel Nil Asselin.

Apprentice Pilots.

Five apprentices have been admitted to practice as pilots, during the year, after undergoing the examination required by law, and one, Odilon Lapierre, died on the 3rd September.

There are still twenty-four apprentices on the list who are entitled to undergo their examination, after the expiration of their apprenticeship, under the 8th Section of the 45th Victoria, Chapter 32, which provides for the reduction of the number of pilots.

Among them, one has been absent six years, and the other five.

As they have never reported themselves since they have left, they may be considered as having forfeited their indentures. The number of apprentices under that section of the law may therefore be considered as reduced to twenty-two.

During the month of April, the Board of the Corporation of Pilots addressed to the Pilotage Authority an application to be allowed to take more apprentices. Having been requested to state the reasons why they had forwarded such an application, when they knew that, under the law above cited, the Pilotage Authority could not grant any new license to any person as a pilot, except to those who were under indenture, until the number of pilots is reduced to 125, they answered that, if their application was refused, they would be obliged to engage men for sailing their pilot schooners, a service which had heretofore been performed by the apprentices, and that, by allowing their request, they would save a large amount of wages, inasmuch as it is the rule to allow but a very small remuneration to the apprentices for their services on board the schooners.

The reasons given by the Board of Pilots having been accepted, they were allowed to take seven new apprentices, with the understanding, however, that the candidates will be made aware, before being indentured, of the enactments of the Statute, 45 Victoria, Cap. 32; that is to say, that they will be informed that they will not be permitted to present themselves to be admitted to practice as pilots until the number of pilots is reduced to the number fixed by law, after the admittance of the apprentices who were acting under indenture at the time of the adoption of said law.

This condition having been accepted by the candidates recommended by the Board of Pilots, they were accordingly indentured, six on the 23rd May, and the other on the 12th July.

A clause embodying the condition of the engagement has been inserted in the indenture of each.

Directors of the Corporation of Pilots.

At their annual meeting, which has taken place the 10th December, the pilots have elected as Directors to their Corporation, for the ensuing year, Messrs. Auguste Desprès, Nestor Lachance, Philippe Couillard, Laurent Godbout, Cyprien Langlois, and Edouard Genest, and subsequently Mr. Nestor Lachance has been elected President by the Directors.

The accompanying statements convey all the information annually furnished to your Department, with reference to the Pilotage Authority of this District.

I have the honour to be, Sir,

Your most obedient servant,

A. H. VERRET,

Secretary-Treasurer.

QUEBEC HARBOUR COMMISSION.

STATEMENT of Trials held during the Year 1883 before the Quebec Harbour Commissioners, under the authority of the "Pilotage Act," 36 Vic., Chap. 54.

Names of Pilots Tried.	Nature of Complaints.	Dates of Trials.	Results.	Remarks.
Pierre Pepin dit Lachance	For having ran ashore, the 12th, 30th Dec., 1882, and 2nd Jan., 1883; 29th Sept. and 2nd Oct., 1883.	30th Dec., 1882, and 2nd Jan., 1883; 29th Sept. and 2nd Oct., 1883.	Dismissed.....	The case came twice before the Pilotage Authority. It was dismissed the first time for want of jurisdiction, and the second time on account of the absence of the most important witnesses.
Cyprien Raymond.....	For having, on the 26th May, grounded the barque "Elizabeth" off Madame Island.	11th June.....	Acquitted on account of the irregularity on the part of the ship in taking soundings, and reporting no bottom from ten to fifteen minutes before barque struck.	
David F. Pelletier.....	For having insulted one of the Directors of the Corporation of Pilots.	12th June.....	Found guilty and fined twenty dollars and costs	
Louis Honoré Lapierre ...	For having infringed the by-laws of the Corporation of Pilots.	27th June.....	do do	
Moise Lachance.....	For having, on the 23rd May, grounded the ship "Rutland" on the north side of the Traverse.	30th June, the 3rd and 23rd July.	do do sixty dollars and costs...	An appeal from that judgment taken before the Superior Court was dismissed.
Louise Fontaine.....	For having, on the 6th of June, grounded the ship "Cosmo" off Hare Island.	12th July.....	Acquitted on the ground that the accident to the ship had not been caused by any neglect of duty on the part of the Pilot.	
Theodule Pepin dit Lachance.	For disorderly conduct, under the influence of liquor, when on the roll.	18th July.....	Found guilty and fined forty dollars and costs...	

<p>Naraisse Forgues.....</p>	<p>For disorderly conduct, under the influence of liquor, when on the roll.</p>	<p>19th July.....</p>	<p>Found guilty and fined forty dollars and costs...</p>
<p>Abraham Couillard Des-près.</p>	<p>For having on the 15th October, ran the barque "Romulus" into the barque "Andromeda," when about off White Island.</p>	<p>25th October.....</p>	<p>Found guilty and suspended for one calendar month, to be computed from the date of the trial.</p>
<p>Joseph Pâquet.....</p>	<p>For having, on the 14th November, grounded the barque "Jessie Douglass" at the entrance of the River St. Charles.</p>	<p>23rd November..</p>	<p>Acquitted, the evidence adduced having established that he was not guilty of the charge lodged against him.</p>

Certified.

A. H. VERRÉT,
Secretary-Treasurer.

OFFICE OF THE HARBOUR COMMISSION,
QUEBEC, 2nd January, 1884.

APPENDIX No. 16.

REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF ST. JOHN, N.B., FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.

OFFICE OF PILOT COMMISSIONERS,

ST. JOHN, N.B., 31st Dec., 1883.

WM. SMITH, Esq.,

Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour of handing you herewith the Returns of our Pilotage, &c., for this District, for the year ending this day.

I am, Sir, your obedient servant,

J. U. THOMAS,

Secretary-Treasurer.

PILOTS licensed for the District of St. John, N.B., for the year ended 31st Dec., 1883.

	Name.	Age.	Address.
1	Thos. Traynor.....	30	St. John, N.B.
2	Samuel Rutherford	51	do
3	George P. Mulherron	35	do
4	James Cassidy.....	36	do
5	Edward J. Fletcher	56	do
6	John Spears (2nd class)	36	do
7	Joseph Doherty	37	do
8	John S. C. Sherrong.....	49	do
9	James Doyle	46	do
10	Henry Spears	32	do
11	John Thomas	35	do
12	Patrick Traynor.....	57	do
13	James Murry.....	42	do
14	Henry Thomas	52	do
15	John Scott	66	do
16	John Sproul.....	47	do
17	Richard Scott	33	do
18	Patrick Conlin	33	do
19	James Reed	37	do
20	John Spears (3rd class).....	34	do
21	Charles Daley	47	do
22	Wm. Lahey	54	do
23	Richard Cline	58	do
24	James McFarlane.....	49	do
25	James S. Spears	38	do
26	Thomas John Stone	30	do
27	James E. Mantell	37	do
28	Robert Thomas	42	do
29	William Quinn	36	do
30	Philip George Doody.....	43	do
31	Daniel Mulherron.....	57	do
32	William Millar	32	do
33	Alfred Cline	26	do
34	William Scott	27	do
35	Bartholomew Rogers.....	26	do
36	James Bennett	26	do

37	Martin Spears	26	do
38	John McAnulty	45	Musquash.

RECEIPTS and Expenditure, for the year ended 31st December, 1883.

Receipts.

Licenses from 36 Pilots, at \$5 each	\$ 180 00
do 6 boats, at \$10 each	60 00
25 cents per foot on outward pilotage, Port St. John....	2,121 04
do do from Musquash...	33 00
Total	\$2,394 04

Expenditure.

Pensions to 3 Pilots.....	\$395 00
do 7 widows	644 00
Auditors' fees	25 00
J. & A. McMillan, printing	12 00
Secretary-Treasurer.....	800 00
Rent, fuel, &c	200 00
Total	\$2,076 00
Balance	\$318 04

RETURNS of Vessels piloted into and out of this District, for the year ended 31st December, 1883.

Total.

Schooners.....	297
Brigs and Brigantines	90
Barks and Barkentines	162
Ships	35
Steamers	38
	<hr/>
	622
Gross amount.....	\$26,343 55

British.

Schooners.....	96
Brigs and Brigantines	79
Barks and Barkentines	132
Ships	31
Steamers.....	24
	<hr/>
	362
Gross amount.....	\$17,752 27

Foreign.

Schooners.....	261
Brigs and Brigantines	11
Barks and Barkentines	30
Ships.....	4
Steamers.....	14
	<hr/>
	260
Gross amount.....	\$8,591 28

J. U. THOMAS,
Secretary-Treasurer.

 APPENDIX No. 17.

REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF MIRAMICHI, FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1883.

NEWCASTLE, MIRAMICHI, N.B., 17th December, 1883.

 To WILLIAM SMITH, Esq.,
 Deputy Minister of Marine and Fisheries,
 Ottawa.

SIR,—I have the honour to enclose herewith the Pilotage Returns for the Miramichi District, for the year 1883.

 I have the honour to be, Sir,
 Your obedient servant,
 R. R. CALL,
 Secretary and Treasurer.

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 register ton.
When outward bound, drawing less than 17 feet....	\$1 75 per foot.
do do 17 feet and over....	2 00 do

For every vessel taken to sea after November 1st, a bonus of \$4.

For the removal and mooring of any vessel :—

\$1 50 for vessels not exceeding 100 tons ;
2 00 do do 200 tons ;
3 00 do over 200 tons, not exceeding 300 tons ;
4 00 do over 300 tons.

and where the distance of removal exceeds four miles, 50 per cent. to be added to above rates.

Vessels reported inwards :—

British	135
Foreign.....	159

 294

Vessels reported outwards :—

British	132
Foreign.....	159

 291

Vessels removed :—

British	50
Foreign	71

 121

Extra services:—

British.....	15
Foreign.....	15
	<u>30</u>

Total amount of pilotage, inward:—

British.....	\$3,899 10
Foreign.....	4,392 72
	<u>8,291 82</u>

Total amount of pilotage, outward:—

British.....	4,335 02
Foreign.....	5,073 39
	<u>9,408 41</u>

Total amount of removals:—

British.....	242 00
Foreign.....	340 00
	<u>582 00</u>

Total amount for extra services:—

British.....	86 00
Foreign.....	57 00
	<u>143 00</u>

Receipts and Expenditures of all monies received by or on behalf of the Pilotage Authority in respect of Pilots or Pilotage, for the year 1883:—

Receipts.

Received from W. Walls, jun., license and examination.	\$ 7 00
do J. Nowlan do ...	7 00
do Pat. Nowlan do ...	7 00
do James Carter, freight.....	10 00
do Barque "Ocean Traveller," extra.....	21 00
do George Sutton, amount earned going to Pabos with steamer "Lorne".....	10 00
do F. Martin, detention barque "Isabel"...	12 00
do R. J. Walls, amount earned on dredge "St. Lawrence".....	135 00
do Allan McEacheran do ...	245 00
do Barque "Finella," removal.....	4 00
do P. Nowlan, time lost in spring.....	80 00
do J. Brown, do fall.....	90 00
do J. Martin, amount charged him on account of inability to work during season....	61 34
do W. McEacheran do	61 34
do D. P. Walls, earnings on tug.....	586 43
Pilotages inward.....	\$8,291 82
do outward.....	9,408 41
Removals.....	582 00
Extras.....	143 00
	<u>18,425 23</u>
	<u>19,762 34</u>

Expenditures.

Paid M. Muzerall for surrender of his license.	\$100 00	
Pilot Master's office expenses	9 20	
L. J. Tweedie, legal advice.....	5 00	
Horse hire per M. Martin	2 00	
W. Wyse, for table	3 00	
James Henderson, examining boats....	10 00	
Horse hire per James Nowlan.....	1 50	
J. L. Stewart's account, printing.....	5 50	
Horse hire per A. McEcheran.....	4 00	
Alex. Martin, pension	100 00	
H. A. Muirhead for spar for schooner "Empress".....	17 00	
Jos. Jimmo, sen., pension.	100 00	
Office rent for Pilot Master.....	20 00	
H. P. Marquis' account.....	1 00	
Alex. Martin, boarding vessel.....	4 00	
W. & J. Anslow, printing account.....	5 75	
Examiners Walls and Nowlan	2 00	
R. R. Call, Secretary-Treasurer, 3 per cent. commission on \$19,469.63.....	584 09	
John Nowlan, half share.....	293 21	
D. P. Walls, amount due on his share.	21 88	
31 pilots, \$595.91 each	18,473 21	
		19,762 34

STATEMENT of Boats and their tonnage, &c., licensed by the Pilotage Authority for the year 1883 :—

No.	Name of Boat.	Tonnage.	Captain.	When Licensed.	When Renewed.
11	May Queen.....	22·56	George Savoy..	May, 1878.....	May, 1883.
13	Two Brothers..	25	Geo. T. Tait....	May, 1878.....	May, 1883.
14	Empress	25·59	Francis Martin.	May, 1878.....	May, 1883.
15	Princess Louise	20·85	Robert J. Walls	May, 1879.....	May, 1883.

WM. PARK, *Chairman.*

R. R. CALL, *Secretary-Treasurer.*

NEWCASTLE, MIRAMICHI, 17th December, 1883.

REPORT OF THE PILOTAGE DISTRICT OF BATHURST, N.B., FOR THE CALENDAR ENDED 31st DECEMBER, 1883.
STATEMENT showing number of Vessels brought from and taken to Sea, by each Pilot and Fees received.

Pilots' Names.	British Vessels, Inward.		British Vessels, Outward.		Foreign Vessels, Inward.		Foreign Vessels, Outward.		Total Vessels.	Total Fees.	Remarks.
	No.	Amount Fees. \$ cts.	No.	Amount Fees. \$ cts.	No.	Amount Fees. \$ cts.	No.	Amount Fees. \$ cts.			
Timothy Daley.....											
Michael Daley.....	7	99 20	7	110 50	17	268 60	17	270 10	24	748 40	Partners.
William Daley.....											
Nazare Hachey.....	3	43 80	3	50 80	12	197 40	12	225 40	15	517 40	do
Fabien Hachey.....	1	18 00	1	16 80	13	210 80	13	220 90	14	466 50	
Fred. Ronalds.....											
	11	161 00	11	178 10	42	676 88	42	716 40	53	1,732 30	

EDWARD HICKSON,
Secretary Pilotage Authority.

BATHURST, December 1st, 1883.

APPENDIX No. 19

REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF BUCTOUCHE, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.

BUCTOUCHE, N. B., 4th January, 1884.

WM. SMITH, Esq.,
Deputy Minister Marine and Fisheries,
Ottawa.

SIR,—In accordance with the provisions of the 24th section of the Act 36 Victoria chap. 54, respecting Pilotage, I herewith transmit to you the Pilotage Returns for the District of Buctouche, for the year ending 31st December, 1883, 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 1883, ACT 36 VICTORIA, CHAP. 54, SEC. 24.

1st. Names and ages of pilots licensed :

	Age.
John S. Dixon	50
Caliste Legère.....	50
Thadée Pellerin	47
Matthew Smith.....	44
John G. Smith.....	37

2nd. The above named pilots are all licensed to undertake the pilotage of vessels of every description within and throughout 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, \$371.25; of which was paid by British vessels, \$267, and from Foreign, \$104 25, 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.

APPENDIX No. 20.

REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF CHARLOTTE, N.B., FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1883.

St. Andrews, N.B., 31st December, 1883.

To Wm. SMITH, Esq.,
Deputy Minister Marine and Fisheries,
Ottawa.

SIR,—Annexed please find Pilotage Returns for the District of the County of Charlotte, for the current year.

I am, Sir, your most obedient servant,
C. E. O. HATHEWAY,
Commissioner, Acting Secretary.

PILOTAGE RETURNS FOR THE COUNTY OF CHARLOTTE, FOR YEAR 1883.

Names of Pilots.	Ages.	For what service licensed.	
Cline, William.....	73	For Pilot District, County of Charlotte.	
Cline, Wellington	42	do	do
Boyd, Joseph.....	48	do	do
Conley, Thomas.....	53	do	do
Sloop "Pilot," 11 $\frac{8}{10}$ tons, Wm. Cline, Master		do	do

Pilot dues collected by Pilots for current year.

British vessels.....	\$524 65
Foreign vessels	132 50
Total	\$657 15

Rules of Pilotage for the District.

Longest pilotage distance, inwards or outwards...	\$2.25 per foot draft of water.
Second do do ...	1.60 do do
Third do do ...	1.50 do do
(From or to Campobello 20c. per foot less than above rates.)	
Fourth pilotage distance, inwards or outwards....	\$1.00 per foot draft of water.
From 1st November to 1st April, 20c. per foot in addition to above rates.	
Harbour pilotage, vessels up to 300 tons, \$2.50; above 300 tons, \$3.	
River pilotage inside St. Andrew's Bay, vessels 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 harbour in the County, vessels under 200 tons, \$6; 200 and under 300 tons, \$8; 300 and under 400 tons, \$10; over 400 tons, \$12.	

Receipts by Commissioners.

Received for licenses and registrations.....	\$14 00
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Expenditure.

Stationery and postage	\$1 00
Paid Commissioners St. Stephen and St. George....	6 00
do St. Andrews, Secretary	7 00
Total	\$14 00 \$14 00

C. E. O. HATHEWAY,
Commissioner, Acting Secretary.

APPENDIX No. 21.

REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF MONCTON, N.B., FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.

MONCTON, N.B., 11th January, 1884.

Wm. SMITH, Esq.,
Deputy Minister Marine and Fisheries,
Ottawa.

DEAR SIR,—Enclosed please find returns from Pilot Commissioners for this District, for 1883.

I am, yours truly,

H. V. CRANDALL,
Secretary.

PILOTAGE RETURNS FOR THE DISTRICT OF MONCTON, N.B., FOR YEAR 1883.

Names of Pilots.	Number of Vessels.		Amount Collected.
Ward Edgett,.....	2 Br.	2 Am.	\$22 00
H. J. Bennett.....	5 “	1 “	49 00
C. W. Edgett	5 “	1 “	39 00
James Hamilton	2 “	1 “	16 00
Totals	14 Br.	5 Am.	\$126 00

H. T. STEVENS,
H. V. CRANDALL, } *Pilot Commissioners.*
WILLIAM GIVAN, }

APPENDIX No. 22.

RETURNS for the Pilotage District of Restigouche for the Year 1883.

No.	Date.	Rig.	Name.	Register.	Master.	Whence.	Ton- nage.	Draft in.	Draft out.	Place of Loading.	Rate.		Total.
											\$	cts.		$	cts.
1	May 13...	Schooner...	G. D. F.	British...	Carcand...	Cadis...	118	9	11	Campbellton....	1	50	30 00
2	do 16...	Barque	Frikifford	Norway	Petersen...	Frikifford	504	13	18	Dalhousie.....	1	00	31 00
3	do 23...	do	Nordcap	do	Neisen...	Cardiff...	465	12	16	Benjamin.....	1	00	27 00
4	do 23...	do	Christian	do	Christensen...	Antwerp...	549	10-6	16-6	Dalhousie.....	1	00	27 00
5	do 23...	do	Annabella	Canadian	Arthurson...	Liverpool...	844	13	21	do	1	00	34 00
6	do 23...	do	Arnos	Norway	Harris...	Brimhaven...	490	12	15	Campbellton....	1	50	40 50
7	do 25...	do	Crido	do	Christophersen...	Cork...	371	10	14	Dalhousie.....	1	00	24 00
8	do 26...	do	Henrietta	do	Bull...	Paspelac...	589	10	17	Nash's Creek...	1	00	27 00
9	do 27...	do	Nordcap	do	Stun...	London...	621	12	17	Benjamin.....	1	00	29 00
10	June 6...	Brig	Leah	British...	Jones...	Madeira...	254	9	13	Nash's Creek...	1	00	22 00
11	do 21...	do	Urana	Norway	Neisen...	Liverpool...	399	14	17	Campbellton....	1	50	46 50
12	do 29...	Barque	R. Hutchison	Canadian	Troop...	Belfast...	767	13	21	Benjamin.....	1	00	34 00
13	July 1...	do	Agat	Norway	Nordensen...	Bristol...	607	11-6	18	Campbellton....	1	50	44 25
14	do 5...	do	Constantin	do	Walter...	Bath...	537	11	16	Benjamin.....	1	00	27 00
15	do 10...	Brigantine	Scylla	British...	Williams...	Liverpool...	187	7-6	11-6	Nash's Creek...	1	00	19 00
16	do 14...	do	Mary Durkus	do	Newcomb...	Newcomb...	880	14	21	Dalhousie.....	1	00	35 00
17	do 20...	Brigantine	Scotsman	do	Rochefort...	Madeira...	189	8	12	Nash's Creek...	1	00	20 00
18	Aug. 1...	do	Alleline	Norway	Moestin...	Dublin...	544	10	16	Benjamin.....	1	00	26 00
19	do 12...	do	Cynthia	Canadian	Newcomb...	Rotterdam...	886	13	21	Dalhousie.....	1	00	34 00
20	do 12...	do	Mary Graham	British...	Harton...	United States...	676	13	16	do	1	00	28 00
21	do 14...	do	Hermion	Norway	Witlsen...	Dublin...	7-6	12	16	Jaquet River...	1	00	43 00
22	do 20...	do	W. Eela	German	Vanslow...	Nazaire...	459	11	17	Campbellton....	1	50	48 75
23	do 20...	do	Patriot Queen	British...	Harper...	Liverpool...	509	13	19-1/2	Oak Bay.....	1	50	51 00
24	Sept. 5...	do	Cambusdoon	Canadian	Fit...	Amsterdam...	1,198	13	21	do	1	00	29 00
25	do 28...	do	Island	Norway	Gutsen...	Liverpool...	691	12	17	Reaver Point...	1	00	34 00
26	do 29...	do	Annabella	Canadian	Arthurson...	do	844	13	21	Dalhousie.....	1	00	34 00
27	Oct. 1...	do	Christian	do	Christensen...	Westhaven...	506	10-6	16-6	Campbellton....	1	50	42 00
28	do 2...	do	Muriel	British...	Nicholson...	London...	358	10	14	Dalhousie.....	1	00	24 00
29	do 2...	do	Norma	Norway	Ransen...	Dieppe...	123	10-6	16-6	do	1	00	38 25
30	do 6...	Schooner	Mary E. McDugal	British...	Renault...	P. E. Island...	365	11	16	Campbellton....	1	50	27 00
31	do 8...	do	Huldrin	Norway	Ellingsen...	Whitehaven...	322	11	15	Jaquet River...	1	00	26 00
32	do 10...	do	Avalia	do	Road...	Barrow-on-F...	589	12	16	do	1	00	28 00
33	do 11...	do	Henrietta	do	Oulsen...	do	943	12-6	20	Nash's Creek...	1	00	32 50
34	do 12...	do	Geni	British...	Henderson...	Greenock...	1,107	14	22	Dalhousie.....	1	00	36 00
35	do 13...	do	Sanderingham	do	Kerr...	do				do			

APPENDIX No. 22—Returns for the Pilotage District of Restigouche for the Year 1883.—Continued.

No.	Date.	Rig.	Name.	Register.	Master.	Whence.	Ton- nage.	Draft in. Feet.	Draft in. Feet.	Place of Loading.	Rate. \$ cts.	Total. \$ cts.
36	do 15...	do	Nystad.....	Norway...	Olsen.....	Cork.....	756	12	16	Campbellton.....	1 50	42 00
37	do 15...	do	Hope.....	British...	Lloyd.....	Wales.....	275	9	12	Dalhousie.....	1 00	21 00
38	do 19...	do	Columbrian.....	do	Mustel.....	Buctouche.....	340	11	7	Campbellton...	1 50	27 00
39	do 29...	do	Ludwig Hayn.....	German...	Brunn.....	Wales.....	585	12	17-6	Dalhousie.....	1 00	29 50
40	do 29...	do	Ocean Traveller.....	Norway...	Lundburg.....	Belfast.....	642	12	18	Clak Bay.....	1 50	45 00
41	do 29...	do	Rogaland.....	do	Hansen.....	Liverpool.....	454	12-6	17	Nash's Creek....	1 00	29 50
42	do 29...	do	Silistria.....	British....	Gordon.....	do	642	12	18	Dalhousie.....	1 00	30 00
					Tons.....		23,561					1,356 50

Pilots.	Age.	Boat License.	Pilot License.	Total.
Robert McNeil.....	39	\$ cts. 5 00	\$ cts. 5 00	\$ cts. 10 00
Donald McNeil.....	44	5 00	5 00	10 00
William Elslizer.....	56	5 00	5 00	10 00
Andrew Elslizer.....	54	5 00	5 00	10 00
				40 00

Reporting on boats for removal of license..... }
 License blanks for pilots and boats..... }
 Blanks for pilot and ship reports..... } \$40
 Regulation books, stationery and postage..... }
 Balance voted Secretary for services..... }

GEORGE MOFFAT,
Chairman.
 DAVID RITCHIE,
Secretary.

APPENDIX No. 23.

REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF HALIFAX, N.S., FOR THE CALENDAR YEAR ENDED THE 31st DECEMBER, 1883.

HALIFAX, N.S., 5th January, 1884.

The Hon. A. W. McLELAN,
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to transmit the annual returns of the Pilotage Authority for the District of Halifax, Nova Scotia, for the year ending 31st December, 1883.

I am, Sir,

Your obedient servant,

FRED. D. CORBETT,

Secretary Treasurer.

RETURN of Vessels entered Inwards at the Port of Halifax, N.S., from 1st January to 31st December, 1883, subject to compulsory Pilotage Dues.

BRITISH.

Schooner.	Brigantine.	Brig.	Barque.	Ship.	Steamer.	Tonnage.	Amount of Pilotage Dues.
136	205	5	42	.....	268	388,984	\$ cts. 8,309 50

FOREIGN.

10	3	4	59	.....	81	98,889	2,008 00
146	208	9	101	.....	349	487,873	10,317 50

STATEMENT of Superannuation Fund.

Cash in Savings Bank, January 1st, 1883.....	\$ cts. 1,688 94
Collected during 1883, and interest.....	504 20
	2,193 14
Pensions— Paid Wm. Smith's family.....	60 00
Balance at credit in Savings Bank.....	2,133 14

RETURN of Vessels entered Outwards at the Port of Halifax, N.S., from 1st January to 31st December, 1883, subject to compulsory Pilotage Dues.

BRITISH.

Schooner.	Brigantine.	Brig.	Barque.	Ship.	Steamer.	Tonnage.	Amount of Pilotage Dues.
5	28	2	40	1	285	387,482	\$ cts 4,093 20

FOREIGN.

2	.....	4	57	.....	93	114,614	1,236 17
7	28	6	97	1	378	502,096	5,329 37

STATEMENT of Receipts and Expenditure for 1883.

RECEIPTS.		\$ cts.
Five per cent. commission on pilotage collected.....		785 22
Outward pilotage on ships having no Pilots.....		992 74
Inspection fees, bonds, etc.		122 17
		1,900 13
EXPENDITURE.		
Secretary-Treasurer's salary.....	\$500 00	
Office rent.....	200 00	
Taxes, printing, stationery, etc.	219 89	
		919 89
		980 24

F. D. CORBETT,
Secretary-Treasurer.

APPENDIX No. 24.

REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF NORTH SYDNEY, C.B., FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1883.

OFFICE OF PILOTAGE COMMISSIONERS,
NORTH SYDNEY, C.B., 19th January, 1884.

WM. SMITH, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the pleasure of forwarding Returns and Report of the Pilotage Commission for this District.

I have been detained a few days in making my report in consequence of inability to get returns from outlying portions of the District.

W. PURVES,
Secretary-Treasurer.

NAMES of Masters Licensed.

No.	Name.	Name of Vessel.
1	J. P. Angrove	G. Shattuck (s.)
2	J. Delisle.....	Polino (s.)
3	D. Anderson.....	Coban (s.)
4	C. Ormiston	J. C. Tupper (schr.)
5	J. Ormiston.....	C. Valentine do
6	C. Mackie	Tunstall (s.)

The Total Number of Arrivals in 1883, paying pilotage at the Port of North Sydney was 407, viz:

No.		Tonnage.
145	British Steamers	149,519
214	do Sailing Vessels.....	80,924
5	Foreign Steamers.....	6,180
43	do Sailing Vessels	19,010
407	Total.....	255,633

PILOTAGE COLLECTED IN NORTH SYDNEY.

From British Vessels	\$7,400
Foreign do	820
Total Pilotage	\$8,220

The Total Number of Arrivals in 1883, paying Pilotage in the Port of Sydney was 99, viz :

No.		Tonnage.
69	British Steamers	59,333
12	do Sailing Vessels.....	2,907
5	Foreign Steamers	6,724
13	do Sailing Vessels.....	3,373
99	Total Tonnage.....	72,337

PILOTAGE COLLECTED IN SYDNEY.

From British Vessels.....	\$2,661 00
Foreign do	441 50
Total Pilotage.....	\$3,102 50

The Total Number of Arrivals at Port Caledonia, paying Pilotage in 1883, was 69, viz :

No.		Tonnage.
24	British Steamers	21,640
39	do Sailing Vessels.....	7,510
6	Foreign Vessels	2,100
69	Total Tonnage.....	31,250

PILOTAGE COLLECTED AT PORT CALEDONIA.

From British Vessels.....	\$1,585 50
Foreign do	136 00
Total Pilotage.....	\$1,721 50

The Total Number of Arrivals in 1883, paying Pilotage at the Port of Lingan, was 48, viz :

No.		Tonnage.
45	British Sailing Vessels.....	5,911
3	Foreign do	847
48	Total Tonnage.....	6,758

PILOTAGE COLLECTED AT LINGAN.

From British Vessels.....	\$382 00
Foreign do	70 00
Total Pilotage.....	\$452 00

The Total Number of Arrivals in 1883, paying Pilotage at Little Glace Bay 87.

No.		Tonnage.
37	British Steamers	29,248
43	do Sailing Vessels	8,028
7	Foreign do	3,119
87	Total Tonnage	40,395

PILOTAGE COLLECTED AT LITTLE GLACE BAY.

From British Vessels.....	\$1,843 50
Foreign do	140 00
Total Pilotage.....	\$1,983 50

RECAPITULATION.

Port.	No. of Vessels.	Tonnage.	Amount.
Sydney	99	72,337	\$ 3,102 50
North Sydney	407	255,633	8,220 00
Lingan	48	6,758	452 00
Little Glace Bay	87	40,395	1,983 50
Port Caledonia.....	69	31,250	1,721 50
Totals	710	406,373	15,479 50

N.B.—The discrepancy between the present accounts and those of last year is accounted for, from the fact that a large part of the carrying trade is done now by steamers, which are only subjected to a single pilotage, inwards only. W.P.

STATEMENT of Receipts and Expenditure by the Pilotage Authority of Sydney, for
the Year 1883.

	\$	cts.
RECEIPTS.		
Received for the Ports of Sydney and North Sydney—		
Licenses, \$105; Boats, \$13; Masters, \$100.....	223	00
Received at Lingan—		
Licenses, \$21; Boats, \$7.....	28	00
Received at Little Glace Bay and Caledonia—		
Licenses, \$31; Boats, \$23.....	54	00
Total Pilotage, per Statement.....	15,479	50
Total Receipts.....	15,784	50
EXPENDITURE.		
Commission paid five Collectors.....	\$ 773	97
Amount paid Pilots.....	14,705	53
Paid five Commissioners, \$30 each.....	150	00
do Printing and stationery.....	13	75
do Telegrams and postages.....	3	27
do Secretary and Treasurer.....	100	00
	15,746	52
Balance to credit of Pilotage Authority.....		37 98

W. PURVES,
Secretary-Treasurer.

NORTH SYDNEY, C.B., 19th January, 1884.

APPENDIX No. 25.

REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF
PICTOU, NOVA SCOTIA, FOR THE CALENDAR YEAR ENDING THE
31ST DECEMBER, 1883.

To Wm. SMITH, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

The pilotage dues for the time being in force are as follows:

	Inward.	Outward.
Vessels of 80 and under 150 tons.....	\$ 6 00	\$ 4 00
do 150 do 300 do	10 00	6 00
do 300 do 400 do	12 00	8 00
do 400 do 500 do	14 00	9 00
do 500 do 600 do	15 00	10 00
do 600 do 800 do	16 00	11 00
do 800 do 1,000 do	17 00	12 00
do 1,000 and upwards, 2 cents per ton, inwards; 1½ cents outward.		

And all vessels under 80 tons, 5 cents per ton inwards, and 4 cents per ton outwards.

All steamers to be rated at net tonnage.

All vessels bound inwards not requiring the services of a pilot shall pay half pilotage to any pilot offering his services.

All vessels over 150 tons bound out, and not requiring the services of a pilot, shall pay half pilotage to the Pilot Fund.

Total amount received for pilotage dues	\$4,045 15
Of this amount:	
Received from British ships.....	\$3,497 65
do Foreign ships	547 50
	————— \$4,045 15
Of this amount:—	
Received from sailing ships.....	\$ 961 37
do steamships.	3,083 78
	————— \$4,045 15

RECEIPTS and Expenditures of all monies received by or on behalf of the Pilotage Authority, in respect of pilots or pilotage:—

RECEIPTS.

Received from 14 pilots for annual bonds	\$ 14 00
do pilotage dues, as per statement	4,045 15
Balance on hand from last year	205 25
	————— \$4,264 40

EXPENDITURES.

Paid pilots for pilotage.....	\$3,768 15
do printing certificates, forms, &c.....	5 00
do Secretary's salary	150 00
do Commissioners attending meetings	50 00
do W. A. Dickson, law expenses incurred in case J. W. Gordon, Secy. Pilot Com- mission vs. J. H. Campbell, abscond- ed debtor.....	40 42
do Robt. Powell, yearly superannuation grant	30 00
do Alex. T. Powell (pilotage ss. "Spark")	29 00
do Pictou Bank (protesting draft, "Spark")	2 56
do J. H. Jacobs (rubber office stamp).....	8 00
Balance on hand.....	181 27
	<hr/> \$4,264 40

J. B. NOONAN,
 J. A. GORDON,
 A. J. PATTERSON,
 JAMES D. MCGREGOR,
 HECTOR MCKENZIE,
Pilotage Authority, Port of Pictou, N.S.

 APPENDIX No. 26.

REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF LOUISBURG, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.

LOUISBURG, C.B., 2nd January 1884.

 Wm. SMITH, Esq.,
 Department of Marine and Fisheries,
 Ottawa.

The Pilotage Authority for the District of Louisburg have the honour to submit the following report for the past year :—

The same pilots are in office as in 1882, as also the same rate of pilotage.

We are glad to be able to report that the trade of this port has greatly increased during the past year, and should the Sydney and Louisburg Coal and Railway Company (Limited) continue the shipment of coal from this port, we have no hesitation in saying that the trade would steadily and largely increase yearly.

The number of steamships and sailing ships paying pilotage the past year are as follows :—

45 Steamships, British.....	\$921 00
2 Sailing ships ".....	24 00
1 Sailing " Foreign.....	8 00
	\$953 00

The above amount was paid over to the pilots.

By balance to credit of Pilotage Board, 1882.....	\$3 20
To expenses for 1883.....	3 20
	—————

I have the honour to remain,

Your obedient servant,

P. O'TOOLE,
 Chairman.

APPENDIX No. 27.

REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF NANAIMO, B.C., FOR NINE MONTHS ENDING 31st DECEMBER, 1883.

NANAIMO, B.C., 8th April, 1884.

The Hon. A. W. McLELAN,
Minister Marine and Fisheries,
Ottawa.

SIR,—Herewith I have the honour to enclose the returns of the receipts and expenditure of the Pilotage Authority for this district, for nine months, ending 31st December last. In doing so, I have to express the regret of the Commissioners that they have been so long delayed, and which they trust will not occur again.

In the absence of any form in which the returns should be made out, the Commissioners have simply endeavored to comply with the requirements of the Act, and will be glad at any time to rectify any mistakes they may have committed.

I have the honour to be, Sir,

Your obedient servant,

WM. GIBSON,
Secretary.

RETURNS OF PILOTAGE AUTHORITY FOR THE DISTRICT OF NANAIMO, B.C., FOR NINE MONTHS ENDING 31st DECEMBER, 1883.

The following are the names of the licensed pilots :—

Name of Pilot.	Service for which Licensed.
John Sabiston.....	Harbour pilot.
Daniel Morrison.....	Harbor, Gulf of Georgia and Straits of Fuca, pilot.
Wm. Clements	do do
Wm. McDonald.....	do do

Rates of Port Pilotage.

For all vessels under sail, \$3 per foot.

do in tow of a steamer, \$2 per foot.

For all steam vessels, if a pilot be employed, one-third less the above rate.

For all vessels spoken by a duly licensed pilot, \$1 per foot if his services be declined.

Rates of Pilotage for Gulf.

Ten dollars per day if assisted by steam, in addition to port pilotage. If under canvas, four dollars per foot, inclusive of port pilotage.

For moving vessels in port, \$10.

Total amount received for pilotage dues and services rendered :—

From British Vessels.....	\$1,858 00
do Foreign do	2,730 00
	\$4,588 00

RECEIPTS and Expenditure.

RECEIPTS.		\$ cts.	\$ cts.
To Cash received on account of Pilotage.....			4,588 00
EXPENDITURE.			
By Cash paid J. Sabiston.....		188 87	
do	Wm. McDonald	47 64	
do	Sabi ton & McDonald.....	1,217 32	
do	D. Morrison.....	1,215 45	
do	Wm. Clements.....	1,301 55	
do	Other Pilots.....	210 05	
do	Rent of office.....	80 00	
do	Painting office.....	12 00	
do	Furniture, &c.....	44 50	
do	Telegrams.....	5 75	
do	Secretary.....	165 64	
do	Commissioners.....	90 00	
do	Stationery.....	4 12	
By Cash on hand.....		5 11	
		4,588 00	4,588 00

E. & O. E.

WM. GIBSON,
Secretary.

APPENDIX No. 28.

RECEIPTS and EXPENDITURES of Pilotage Authority, for District of Victoria and Esquimalt, from 1st January to 31st December, 1883.

Cr.

Dr.

Date.	Nature of Receipt.	Amount.	Date.	Head of Service.	Amount.
1883.		\$ cts.	1883.		\$ cts.
Jan. 1 to Dec. 31...	To Balance from last year.....	105 41	Jan. 1 to Dec. 31...	By Pilots, their earnings	9,945 86
do	Pilotage dues collected	11,039 87	do	Office expenses.....	305 65
do	Certificate fees	100 00	do	Secretary-Treasurer.....	804 01
do	Examination fees.....	40 00	do	Expenses of Investigations.....	170 00
do	Survey fees	50 00	do	do Examinations.....	40 00
			do	do Surveys.....	60 00
			do	do	19 76
			do	Balance to credit of Pilotage Authority.....	
		11,335 28			11,335 28

Approved and certified correct.

Just and true.

RODERICK FINLAYSON, }
 W. R. CLARKE, } *Commissioners.*
 R. P. RICHET, }

EDGAR CROW BAKER,
Secretary-Treasurer.

VICTORIA, B.C., 31st Dec., 1883.

APPENDIX No. 29.

PILOTAGE DISTRICT OF YALE AND NEW WESTMINSTER.

RECEIPTS and Expenditure of all Money received by or on behalf of the Pilotage Authority, in respect of Pilots and Pilotage, for the Year ending 31st December, 1883.

RECEIPTS.		\$ cts.	\$ cts.
1883.	Balance on hand from last year	430 07	
	Pilotage dues	7,625 50	
	Licenses	40 00	
EXPENDITURE.			
	Paid Pilots, as per receipts		7,162 95
do	Secretary		300 00
do	Collecting		60 25
do	Commissioners expenses		15 00
do	Printing.....		21 00
do	Postage and telegrams.....		2 75
do	Stationery		2 50
	Balance on hand.....		531 12
		8,095 57	8,095 57

RICHARD ALEXANDER,
Chairman.
R. SPRINGER,
Secretary.

BURBARD INLET, B.C., 31st December, 1883.

APPENDIX No. 30.

REPORT OF THE PORT WARDEN FOR THE PORT OF MONTREAL, FOR
THE CALENDAR YEAR ENDED 31ST DECEMBER, 1883.OFFICE OF THE PORT WARDEN,
MONTREAL, 31st December, 1883.To the President and Council,
Of the Board of Trade,
Montreal.

GENTLEMEN,—In accordance with the Act 45 Vict., Chap. 45, Section 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 somewhat later than usual.

The harbour was not clear of ice until the 27th April. On the following day river and coasting craft began to arrive from their winter quarters at Boucherville. The ice at Cap Rouge, however, did not break up until the 3rd May, and on the 4th May there was clear water from Montreal to sea.

The steamship "Lake Champlain," of the Beaver Line, from Liverpool, was the first arrival from sea. She came into port on the 5th May, and was followed next day by other steamships.

The early arrivals reported very little detention in the Gulf from ice, and some of them saw none.

The first sailing ship to arrive was the barque "Wimmera," from Liverpool, which came into port on the 21st May. Before that time, however, there was a considerable number of ocean steamships in port, and the business of the harbour was in vigorous operation.

The steamship "Titania," from Glasgow, which arrived in port on the 13th June, came through the Straits of Belle Isle. She reported seeing some heavy ice at the inner or western entrance of the Strait, but was not delayed by it.

The steamship "Hanoverian," of the Allan Line, was the last sea-going vessel of the season. She left port on the 20th November.

The arrivals at this port this year show an increase as compared with last year, both in the number of ships and the amount of tonnage; 335 ships were entered at the office this year, with an aggregate of 489,741 tons, against 329 ships, measuring 405,636 tons, in 1882; of the 335 ships, 264 were steamers, of 450,518 tons, being an average of 1,707 tons each, and 71 were sailing ships, of 39,223 tons, making the average of each sailing ship 552 tons.

The carrying trade seems to be passing more and more every year from ships of moderate tonnage to that of large carrying capacity. The most noticeable feature, however, in this connection, is the great increase in the number of steamships as compared with sailing ships.

The foregoing figures, giving the number of arrivals and amount of tonnage, do not include vessels from Newfoundland and places within the Dominion, as they do not come under the authority of this office, unless they load here for ports outside of these limits.

The water in the river has kept well up this year. There was depth of water enough for the largest of our ships; consequently, there was no lighterage of cargoes to Quebec.

One ship left port in July, drawing 25 feet and 1 inch, and all through the season ships were going away drawing from 24 to 25 feet. We had 30 feet 5 inches in

the ship channel on the 10th May; it had fallen to 28 feet 7 inches on the 31st July, and on 12th November to 25 feet 11 inches. Last year, on 1st August, we had only 24 feet 8 inches, and on the same date in 1881, the depth was 22 feet 5 inches; in 1880, 23 feet 4 inches, and in 1879, 23 feet 6 inches.

Every year since the present law came into force, making it compulsory for ships to load under our rules, we have had no missing ships, or ships lost from overloading or shifting of cargo. I am happy to say that this year has been no exception.

There has been a slight falling off in the quantity of goods imported this year as compared with last year, but on the whole our regular lines of steamers, as well as transient vessels, have brought, fairly good cargoes.

The importation of sugar from the West Indies, Brazil, Java and other places of growth, has been large during the last two seasons, giving employment to a considerable amount of tonnage. The aggregate amount thus employed was 18,960 tons this year, and 21,636 tons in 1882.

The shipment of grain, although in excess of last year, was somewhat dull and inactive all summer, and did not improve as the season advanced. The total quantity of this staple shipped during open water was 9,781,001 bushels, against 8,293,830 bushels last year.

The export of phosphate to the United Kingdom and Continent of Europe was 17,160 tons, against 15,556 tons last year.

The shipment of deals to Great Britain has been in excess of any previous year—23,094, St. Petersburg standards, were shipped this year, against 22,407 standards last year, and 7,991 standards in 1881.

The shipment of cattle and sheep has been very large this year. There were 50,345 head of cattle, and 102,347 sheep shipped this year, against 28,491 head of cattle and 64,590 sheep last year.

Other exports require no special notice.

I have been ably assisted by the members of my staff, all of whom have rendered good services, and with their aid the public requirements have been fully met.

I am, Gentlemen, your obedient servant,

DAVID ROSS KERR,
Port Warden.

PORT WARDENS'S OFFICE.
STATEMENT of Cash Account for Year ending 31st December, 1883.

Dr.

Cr.

To Amount of Revenue derived from the following sources—	\$	cts.
2,728,616 bushels wheat.....		
1,399,628 do pease.....		
4,281,735 do corn.....		
74,118 do oats.....		
326,907 do barley and rye.....		
294,353 barrels flour and meal.....		
6,238 do ashes.....		
7,126 do apples.....		
86,468 tons unenumerated articles.....		
14 do hops.....		
1,848 do dead meat.....		
864 do oil cake.....		
75 do minerals.....		
17,160 do phosphates.....		
743 do bones.....		
2 do hay.....		
964 do sundries.....		
63 barrels potatoes.....		
1324 miles shooks.....		
39 do staves.....		
50,348 oxen and horses.....		
102,347 sheep and hogs.....		
23,094 St. Petg. std. deals.....		
16,964,478 feet sawn lumber.....		
Damaged cargo certificates.....		
Special surveys.....		
Port Warden's Fees—Inwards.....		
do do Outwards.....		
Interest.....		
To Balance—January 1, 1884.....		

By Paid David Ross Kerr, Port Warden, 12 months' salary.....	\$	cts.
Paid Jas. G. Shaw, Deputy Port Warden 4 months' salary, at \$116.66.....		
Paid Jas. G. Shaw, Deputy Port Warden, 8 months' salary, at \$125.....		
Paid G. W. Morrison, Deputy Port Warden, 4 months' salary, at \$82.33.....		
Paid G. W. Morrison, Deputy Port Warden, 8 months' salary, at \$91.66.....		
Paid W. J. Anderson, book-keeper, 19 months' salary.....		
Paid W. Schofield, Clerk, 4 mos. and 15 days, at \$43.33.....		
Paid H. Brown, Clerk, 7 mos. and 18 days, at \$30.00.....		
Paid secretarial expenses.....		
Paid Superannuation Fund.....		
Paid rent of office.....		
Paid fuel, light and labour.....		
Paid books, printing and stationery.....		
Paid cab hire.....		
Paid sundries.....		
Paid Thomas Simpson, Auditor.....		
Outstanding accounts—		
Wm. Springour.....		
O. F. Dewey.....		
By Balance.....		

E. and O. E.

D. ROSS KERR, Port Warden,
Examined and found correct,
THOMAS SIMPSON, Auditor.

MONTREAL, 31st December, 1883.

STATEMENT of Investments of Port Warden Surplus Fund and of the Interest accruing therefrom, during Year ended 31st December, 1883.

	\$		\$	cts.	Interest on same—	\$	cts.
Harbour Debentures.....	4,000	Purchased April 26, '69, for	4,137	65	\$4,000, at 6½ p. c. for 12 months..	260	00
Protestant School Commissioners' Bonds.....	2,000	do May 4, '70 do	2,914	78	2,000, at 6 do .	120	00
Corporation Bonds	3,000	do April 21, '71 do	3,135	84	3,000, at 6 do .	180	00
do	4,000	do do 9, '72 do	4,067	18	4,000, at 6 do .	240	00
do	2,000	do Jan. 12, '77 do	2,044	00	2,000, at 6 do .	120	00
Dominion Stock	2,300	do Feb. 16, '80 do	2,380	34	2,300, at 5 do .	115	00
Corporation Bonds.....	2,175	do Aug. 16, '80 do	2,254	11	2,175, at 5 do .	108	75
Dominion Stock.....	100	do April 5, '80 do	102	31			
do	3,888	do do 13, '81 do	4,196	40			
			24,252	61			
Less—Dominion Stock, \$3,888, \$100 redeemed, Oct. 12, 1882, for.....			3,900	00			
			20,452	61			
Deposit in Union Bank, Oct. 12, 1882.....	2,400		3,900	00	2,400, at 4 p. c., from Oct. 12, 1882, to Dec. 31, 1883.....	117	30
Deposit in Union Bank, Jan. 19, 1883.....	1,500						
Total of Investments.....			24,352	61	Total Interest.....	1,261	05

Memorandum of Port Warden Superannuation Fund.

Transferred from Surplus Fund, April 1, 1878, to form nucleus of Fund	\$5,000 00*
Cash in bank, 31st December, 1883.....	2,815 50
	<u>\$7,815 50</u>

* Invested, August 16, 1880, in Corporation Bonds, \$4,825, bearing 5 per cent.

JNO. KERRY,
President.

GEO. HADRILL,
Asst. Secretary.

APPENDIX No. 31.

REPORT OF THE PORT WARDEN OF THE PORT OF QUEBEC, FOR THE
CALENDAR YEAR ENDED 31st DECEMBER, 1883.PORT WARDEN'S OFFICE,
QUEBEC, 31st December, 1883.To Wm. SMITH, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I most respectfully record, for the guidance of the Board of Examiners, connected with the duties of the Port Warden for the Harbour of Quebec, established 1871 :

From the 31st December, 1882, to the 1st January, 1884 :—

The following enumerated class of vessels have been examined and surveyed in the Harbour and in the Port of Quebec.

One steamship inwards, with general cargo, has been surveyed, in compliance with the 8th section of the Act.

Ninety-two steamships, outwards, with general cargoes, have been examined and surveyed in compliance with the amended Act of 1873.

Eighteen sailing vessels, inwards, with general cargoes, examined and surveyed, in compliance with the 8th section of the Act.

No Sailing vessels outwards.

Fifteen lots of merchandise, and wrecked goods, also, materials, examined and surveyed, in compliance with 16th and 18th sections of the Act.

Twenty vessels, &c. General average estimate and valuation, in compliance with section 15 of the Act.

Ten copies of sales of vessels examined and sold as wrecks, with materials saved and sold in Quebec, on account of underwriters, and in compliance with section 16 of the Act.

Seventy-nine vessels of all classes, examined and surveyed on account of stranding, collision, &c, in compliance with section 10 of the by-laws.

Seventeen copies of reports issued, as per section 21 of the Act.

Amount of fees received and expenses for the current year :—

Total amount received	\$2,766 38
Office expenses and experts	1,646 63
Balance.....	\$1,119 75

Respectfully submitted,

JOHN DICK,
Port Warden.

Examined and found correct.

WILLIAM BUDDEN,
Accountant.

QUEBEC, 31st December, 1883.

APPENDIX No. 32.

REPORT OF THE PORT WARDEN FOR THE PORT OF HALIFAX, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.

PORT WARDEN'S OFFICE,
HALIFAX, N.S., 31st December, 1883.

WM. SMITH, Esq.,
Deputy Minister of Marine and Fisheries,
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 during the year now ended.

Within the past twelve months sixty-one vessels have arrived at this port in a damaged condition, upon which surveys have been held by me, viz.:—

Twenty-five steamers,
Eight barques,
Two barquentines,
Thirteen brigantines,
Thirteen schooners.

After receiving the necessary repairs, those vessels having cargoes for other places proceeded to their destinations, and have all arrived safely, with the exception of the brigantine "Belle Walters," of and from St. John, N.B., bound to Queenstown, which is reported at St. Thomas, W.I., with loss of deck-load and bulwarks, and in a leaky condition. Two steamers and three sailing vessels still remain in port undergoing repairs.

The grain elevator at the deep water terminus of the Intercolonial Railway was completed early in the year, and a portion of a cargo of grain shipped through it, when it was found to work satisfactorily. Two small shipments of grain have been made through it since the close of the navigation of the St. Lawrence.

There has been an increase over former years in the number of vessels arriving at this port with refining sugars for the Upper Provinces.

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, 1883.

DR.			CR.
	\$ cts.		\$ cts.
To Fees for survey of hatches, stowage and damaged goods.....	992 50	By Paid fees to assistants	340 00
Fees for survey of vessels damaged	1,002 50	Paid office expenses, printing, stationery, &c.....	448 84
Fees from all other sources	336 61	Balance carried down	1,544 77
	2,331 61		2,331 61
To Balance brought down	1,544 77	By Amount reverting to Port Warden	1,544 77

I hereby certify that the above is a true and correct statement of the receipts and expenditures of the Port Warden at Halifax, N.S., during the year 1883.

DAVID HUNTER,
Port Warden.

HALIFAX, N.S., 31st December, 1883.

APPENDIX No. 33.

REPORT OF THE PORT WARDEN FOR THE PORT OF PICTOU, N.S.,
FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.

Pictou, N.S., 31st December, 1883.

WM. SMITH, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my Annual Report of the affairs of this office, accompanied by a statement of the fees collected by me during the past year.

Enclosed please find a list of vessels arriving in a damaged condition on which surveys have been held during the year just ended.

I have the honour to be, Sir,
Your obedient servant,

DANIEL MACDONALD,
Port Warden.

STATEMENT of Receipts and Expenditure.

<i>Receipts.</i>	\$ cts.	<i>Expenditure.</i>	\$ cts.
S.S. Vanguard.....	33 00	Assistance S.S. Vanguard.....	15 00
do Hector.....	33 00	do Hector.....	20 00
do Ranger.....	33 00	do Ranger.....	15 00
do Glen Dothard.....	8 00	do Relief.....	15 00
do Anderhead.....	8 00	do Barque James Kitchen.....	5 00
do Inveresk.....	8 00	do Schooner Sarah.....	5 00
do Melrose Abbey.....	8 00	do do Maggie.....	15 00
do Relief.....	33 00	do do Annie Simpson.....	5 00
Barque James Kitchen.....	23 00	do do Lottie.....	20 00
do Mary A. Nelson.....	18 00	Office rent, fuel, etc.....	5 00
Schooner Herald.....	8 00	Stationery.....	2 00
do Sarah.....	13 00		
do Maggie.....	41 00	Total Expenditure.....	122 00
do Emerald.....	8 00		
do Annie Simpson (condemmed)..	13 00	Balance reverting to Port Warden.....	201 00
do Lottie (condemmed).....	38 00		
Barque Norway (on hatches).....	2 00		
Total Receipts.....	323 00		323 00

Sworn before me at Pictou, N.S.,
this 29th day of December, 1883. }
ANGUS MACDONALD, J.P.

 APPENDIX No. 34.

 REPORT OF THE PORT WARDEN FOR PORT HAWKESBURY, FOR THE
 CALENDAR YEAR ENDED 31st DECEMBER, 1883.

 PORT WARDEN'S OFFICE,
 PORT HAWKESBURY, 31st December, 1883.

 WM. SMITH, Esq.,
 Deputy Minister of Marine and Fisheries,
 Ottawa.

SIR,—I have the honour to submit my Annual Report of the doings of this office accompanied by a statement of the fees collected by me, and the attendant expenses, during the past year.

Enclosed please find, for the information of the Department, a list of the vessels that arrived at this port in a damaged condition and on which surveys have been made during the year 1883. The damaged vessels were all repaired. The brig "Alpheta," of Prince Edward Island, is still lying stranded on the long beach near the northern entrance of the Strait of Canso, the tide ebbing and flowing in her; both masts are gone at the deck; the pumps, wheel and jib-boom broken; also the rudder broken off at the rudder case; and she is very badly hogged on both sides. The divers are now at work taking out the balance of the cargo. Our port is still free from ice, and we have two barques and two schooners now in port waiting for a fair wind to proceed to sea.

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
31st December, 1882, to 31st December, 1883.

<i>Receipts.</i>	\$ cts.	<i>Expenditure.</i>	\$ cts.
1 survey on schr. Maria	13 00	Paid for assistance.....	5 00
2 surveys on brig. Minnie Louise.....	33 09	do	20 00
2 do John J. Ives.....	23 00	do	10 00
1 survey on schr. Brilliant.....	13 00	do	5 00
1 do Emelie Adaline	8 00		
1 do brig Soturia and one valuation	28 00	do	10 00
2 surveys on barque Jorryburn.....	13 00		
1 survey on schr. Sea Slipper.....	5 00	do	10 00
1 do schr. Dolphin	18 00	do	10 00
1 do schr. Olive J.....	18 00	do	10 00
1 do Lorraine	5 00		
2 surveys on barque Plomaumdis.....	23 00	do	10 00
2 surveys and superintending repairs on barque Gulnare.....	43 00	do	20 00
2 surveys on steamship Hercules.....	23 00	do	10 00
2 do schr. Alpine	27 00	do	16 00
To survey on brig Alphetio's hatches, cargo and hull.....	28 00	do	10 00
		Total Expenditure	136 00
		Amount reverting to Port Warden	185 00
Total Receipts.....	321 00		321 00

I do hereby certify that the above is a correct statement of fees received by the Port Warden.

D. W. HENESEY,
Port Warden.

 APPENDIX, No. 35.

 REPORT OF THE PORT WARDEN FOR THE PORT OF NORTH SYDNEY,
 C.B., FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.

NORTH SYDNEY, C.B., 18th January, 1884.

 To Hon. A. McLELAN,
 Minister of Marine and Fisheries,
 Ottawa.

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 1883, the following surveys on vessels or steamers loaded, or having sustained damage, numbering in all 56, were held, viz., on

14 Steamships,
 17 Sailing vessels.

31 Vessels.

The total fees collected were.....\$375 00

The expenditure, consisting of—

Office rent..... \$50 00

Stationery and printing..... 10 00

Boat hire..... 7 00

67 00

was incurred—

Leaving net proceeds.....\$308 00

Steamers loaded otherwise than with grain, seldom take certificates. A large number of cattle-laden steamers called at this port during the year, which did not use this office.

DANIEL McKAY,
 Port Warden.

Sworn to before me. 
 BLOWERS ARCHIBALD, J.P.

APPENDIX No. 36.

REPORT OF THE PORT WARDEN FOR THE PORT OF SYDNEY, C.B. FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.

PORT WARDEN'S OFFICE,

SYDNEY, 31st December, 1883.

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, Cape Breton, during the past year.

I have the honour to be, Sir,
Your obedient servant,

JOHN LORWAY,
Port Warden.

RECEIPTS and Expenditure of the Port Warden of Sydney, C.B., from 11th January^r to 31st December, 1883.

DR.

CR.

	\$	cts.		\$	cts.
Steamers for bunker coals entered in my office, forty.....	320	00	By Paid fees to assistants.....	20	00
Surveys on goods and disabled ships, six.....	72	00	Office rent and stationery.....	40	00
	392	00	Amount reverting to Port Warden..	70	00
				322	00
				392	00

JOHN LORWAY,
Port Warden.

Witness to signature,
CHARLES MUGGAT, J.P.
SYDNEY, C.B., 31st December, 1883.

 APPENDIX No 37.

 REPORT OF THE PORT WARDEN FOR THE PORT OF YARMOUTH, N.S.
 FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1883.

YARMOUTH, N.S., 31st December, 1883.

 To. WM. SMITH, Esq.,
 Deputy Minister Marine and Fisheries,
 Ottawa.

SIR,—In accordance with my instructions, I now make my Report as Port Warden. I received my appointment in December, 1882. Since that time I have been called on twenty-five times to hold surveys, in most cases on vessels disabled.

Gross amount of fees received.....	\$211 25
Paid out for assistant surveyors.....	79 50
Net amount	\$131 75

I remain, yours obediently,

 EBEN. SCOTT,
 Port Warden.

CANADA : Yarmouth, N.S.

I, Eben. Scott, Port Warden for the Port of Yarmouth, make oath and say that the within report is correct, and that the sum of money as mentioned is all that has been received.

EBEN. SCOTT.

Sworn to at Yarmouth, in the County of Yarmouth, }
 this twenty-ninth day of December, A.D. 1883. }

 THOMAS B. CROSBY, J.P.

APPENDIX No. 38.

REPORT OF THE PORT WARDEN FOR THE PORT OF CHATHAM, N.B.,
FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.

RECEIPTS and Expenses in connection with the Port Warden's Office, at Chatham
N.B., for the Year 1883.

		RECEIPTS.	\$ cts.	\$ cts.
May 28.	To Horse hire to Nelson		3 00	
	Stationery		3 00	
	Horse hire to Esquimaux		7 00	
	Paid survey fees		20 00	
	Office rent		20 00	
				53 00
		EXPENDITURE.		
	By "Queen Victoria"		7 00	
	"Thinda"		7 50	
	"Hosco"		25 00	
	"Fluella"		25 00	
	"Chislehurst"		25 00	
				79 50

CHATHAM, N.B. 120th November, 1883.

APPENDIX No. 39.

REPORT OF THE PORT WARDEN FOR PRINCE EDWARD ISLAND, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.

CHARLOTTETOWN, P.E.I., 31st December, 1883.

To Wm. SMITH, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my Annual Report of the business of my office during the past season.

I am glad to state that the shipment of grain to Europe has been more active than last year; also, the produce trade with St. Johns, Newfoundland, has increased considerable, which enabled the farmers to dispose of their products at reasonable prices.

I am pleased to say there has been no loss of any grain-laden vessels from the Island bound for foreign ports, up to the present.

I have had occasion to hold a survey on the British brigantine "L. J. Westaway," of this port, from Liverpool, G.B., to the Island, with a general cargo. On examination, I found the hatches in good order but the cargo partly damaged, caused from leakage through the decks. I therefore ordered the decks to be caulked and also from copper up, outside, new main hatch combings, and a new fore-topmast. These repairs having been made, I granted her a certificate of seaworthiness.

The British bark, "Minnie Gordon," on a voyage from Miramichi, N.B., with a cargo of lumber bound to Europe, ran ashore at the North Cape, on the night of the 5th of November, and became a total wreck. I held a survey and recommended her to be sold for the benefit of all concerned.

I have the honour to be, Sir,
Your obedient servant,
H. P. WELSH,
Port Warden.

RECEIPTS and Expenditure of the Port Warden Prince Edward Island, for the Season ended December, 1883.

	\$	cts.		\$	cts.
1883—To fees derived from grain-laden ships.....	421	00	By expenses of office.....	52	00
Other surveys.....	84	00	Commission to deputies.....	113	75
			Balance.....	339	25
	505	00		505	00

I hereby certify that the above is a correct statement.

CHARLOTTETOWN, 30th December, 1883.

H. P. WELSH,
Port Warden.

APPENDIX No. 40.

REPORT OF THE PORT WARDEN FOR THE PORTS OF VICTORIA AND ESQUIMALT, BRITISH COLUMBIA, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1883.

VICTORIA, B.C., 12th January, 1884.

To Wm. SMITH, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit the Report of the affairs of this office, for the year ending the 31st December, 1883.

The harbour of Victoria has been very much improved and deepened during the year, particularly James' Bay, which will enable vessels loading salmon and other freight to load (to load line) without moving out of the harbour to complete cargo.

There is a general improvement everywhere along the water-front.

The large wharf at the entrance of Victoria harbour has been vastly improved, with large and commodious sheds, which enables large ocean-going steamers to take in and discharge freight with great ease.

On the 14th of April a very serious marine disaster occurred, by which four vessels (two English and two American) became total wrecks.

A strong south-east gale sprung up about five o'clock, a.m., and increased in violence and force all day.

The British ships, "Duke of Argyle" and "Tiber," rode the gale out safely although the "Duke of Argyle" lost an anchor and seventy fathoms of chain, but with the other anchor and ninety fathoms of chain she held on.

The "Connaught," lumber-laden, from Burrard Inlet, and the barque "Tiger" (both English) parted their cables and drove on shore in Royal Bay.

The "Southern Chief" and "Gettysburg," both American vessels, parted their cables and brought up on the beach in Royal Bay. The whole four vessels became wrecks, and were sold by public auction for the benefit of whom it might concern.

On the night of the 30th June, the British barque "Marina," while in charge of an American pilot, from Cape Flattery to Royal Roads, was stranded on a well-known rock off the Race Rocks Lighthouse.

The night was clear and fine, and nothing but the grossest negligence could have so jeopardized the vessel. After remaining on the rock for some four hours, she was towed into Royal Roads, a survey held, and recommended heaving down, which was done at Burrard Inlet, and the vessel repaired.

On the 27th December the French barque "Jean Pierre," while on her passage from Burrard Inlet to Royal Roads, struck a sunken rock and, upon arrival, the submarine diver examined the vessel's bottom and repaired the same, when the vessel proceeded on her voyage.

I have the honour to remain, Sir,
Your most obedient servant,

W. R. CLARKE,
Port Warden.

RECEIPTS and Expenditure of Port Warden for Ports of Victoria and Esquimalt
from 1st January, 1883, to 31st December, 1883.

	\$	cts.		\$	cts.
To Surveys of hatches, storage and damaged goods.....	239	00	By amount paid assistance.....	23	50
Surveys on vessels.....	70	00	do printing.....	7	00
Fees from all other sources.....	8	09	do towage on vessel.....	20	00
			do reverting to Port War- den.....	206	50
	317	00		317	00

I certify that the above is correct.

W. R. CLARKE,
Port Warden.

Sworn to before me, this
14th day of January, 1884, at
Victoria, B.C. }

ROBERT DUNSMUIR, J.P

(Follows Report of Pilotage Authority, Quebec, page 147.)

F. H. DION, Current Account with the Corporation of Pilots of Quebec, to 31st December, 1883.

ASSETS.		LIABILITIES.	
	\$ cts.		\$ cts.
To Balance of 1882.....	231 10	By General expenses.....	1,555 96
Reserve Fund of 1882.....	500 00	Less different effects sold...	12 34
Montreal Customs.....	44,326 98		1,543 62
Three Rivers Customs....	3,354 73	Pilots' expenses.....	937 96
Chicoutimi—		Less received from	
On account of 1878.....	200 00	Allans, Rae & Co. \$127 50	
Season's account.....	975 57	do sundry pilots. 8 90	
Escoumains Customs.....	117 10		136 40
Tadoussac do.....	219 18	Schooners' expenses.....	1,806 60
Rivière-Ouelle do.....	1,035 40	Less sale of sails, masts, &c.	115 59
Sorel do.....	1,145 72		1,691 01
Schooner "Taché" ac-		Provisions.....	2,845 85
count.....	525 00	Less sold to sundry pilots	
Fines.....	580 00	and masters.....	53 86
Lost time.....	2,677 18		2,791 99
Pilotage collected at		Rent, \$300; also taxes, \$65.25.....	365 25
Quebec.....	86,880 03	Dawe & Jarvis—amount of	
		bill.....	646 69
		Apprentices' wages.....	703 25
		Cook's wages.....	575 27
		Indemnity to directors.....	600 00
		Indemnity to captains of	
		schooners.....	243 00
		Indemnity to Messrs. Dion &	
		Dumas, Saguenay.....	237 00
		Interdiction—amount paid to	
		two pilots.....	261 00
		Shares on schooners—paid to	
		eight pilots.....	960 00
		Interest paid on loan.....	261 25
		Less received on current	
		account with the Banque	
		Nationale.....	214 70
			46 55
		Loan—paid on account.....	1,100 00
		Pilotage—refunded on draught	
		of water and vessels pay-	
		ing twice.....	1,386 24
		Salaries of employés.....	1,800 00
		Reserve Fund.....	400 00
		Dividend.....	116,976 00
		Decayed Pilot Fund—	
		At the rate of 7 per cent.	
		during the season.....	9,581 54
		Balance.....	58 02
	<u>\$142,767 99</u>		<u>\$142,767 99</u>

E. & O. E.

We, the undersigned, certify to having minutely examined the books of the Quebec Corporation of Pilots, and have found them correct.

ACHILLE DAMOUR, }
 EMILE COUILLARD, } Auditors.
 QUEBEC, 31st December, 1883.

JOSEPH P. ROY,
 Accountant.

APPENDIX No. 41.

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, 1883.

QUEBEC.

Name of Port.	Name of County.	Name of Shipping Master.	For Half-year ended 30th June, 1883.			For Half-year ended 31st December, 1883.			Total Seamen Shipped.	Total Seamen Discharged.	Total Amount.
			Seamen Shipped.	Seamen Discharged.	Amount.	Seamen Shipped.	Seamen Discharged.	Amount.			
Escoumains	Bonaventure...	John E. Barry .....	.....	.....	\$ cts.	.....	.....	.....	.....	\$ cts.
Gaspé	Gaspé	Jos. Eden	11	13	9 40	32	29	43	42	34 10	
Magdalen Islands	Gaspé	J. J. Fox .....	.....	Nil .....	.....	.....	No returns.	.....	.....	.....
Montreal	Montreal	Geo. Smith	155	259	205 60	360	650	545	909	713 00	
New Carlisle	Bonaventure...	P. O. Beausénes .....	.....	No returns.	.....	10	8	10	8	7 40
New Richmond	Bonaventure...	R. W. H. Dimock .....	.....	Nil .....	.....	13	.....	13	.....	6 50
Percé	Gaspé	W. Flynn	6	.....	3 00	1	1	7	1	3 80
Quebec	Quebec	B. Trudel	414	306	364 25	1,167	1,323	1,881	1,629	1,779 50	
Rimouski	Rimouski	P. L. Gauvreau .....	.....	Nil .....	.....	.....	Nil .....	.....	.....	.....
St. John's	St. John's	E. D. Phillips .....	.....	.....	.....	.....	No returns.	.....	.....	.....
Sorel	Richelieu	G. Peltier .....	.....	.....	.....	.....	do	.....	.....	.....
Three Rivers	Three Rivers	A. A. Lantier .....	.....	.....	.....	.....	do	.....	.....	.....

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, 1883.			For Half-year ended 31st December, 1883.			Total Seamen Shipped.	Total Seamen Discharged.	Total Amount.
			Seamen Shipped.	Seamen Discharged.	Amount. \$ cts.	Seamen Shipped.	Seamen Discharged.	Amount. \$ cts.			
Alma.....	Albert.....	Robert Wright.....	5	9	5 20	10	6	6 80	15	15	12 00
Bathurst.....	Gloucester ...	W. J. O'Brien	Nil.....	Nil.....	.....	20	15	14 50	20	15	14 50
Buctouche.....	Kent.....	R. Douglas.....	Nil.....	Nil.....	.....	Nil.....	Nil.....	.....	.....	.....	.....
Chatham.....	Northumberl'd	J. J. Brown.....	105	13	56 40	410	118	248 40	515	131	286 80
Cocagne.....	Kent.....	A. K. Dysart .....	.....	Nil.....	.....	2	7	3 00	2	7	3 00
Dalhousie.....	Restigouche ...	W. Montgomery .....	.....	Nil.....	.....	5	2	3 10	5	2	3 10
Fredericton	York.....	A. F. Street .....	.....	Nil.....	.....	.....	Nil.....	.....	.....	.....	.....
Grand Manan	Charlotte.....	T. Wooster.....	47	46	37 30	29	18	19 90	76	64	57 20
Harvey.....	Albert.....	W. J. Reid.....	6	.....	3 00	3	7	3 60	9	7	6 60
Hillsborough	Albert.....	W. E. Stevens.....	42	8	23 40	48	26	31 80	90	34	55 20
Lepreaux.....	Charlotte.....	G. K. Hanson.....	1	.....	0 50	.....	Nil.....	.....	1	.....	0 50
Moncton.....	Westmoreland	Jas. Robertson	No return.	.....	.....	41	23	27 40	41	23	27 40
Musquash.....	St. John.....	A. T. Dunn.....	10	6	6 80	16	7	10 10	26	13	16 90
New Bandon.....	Gloucester.....	F. J. Foley.....	.....	Nil.....	.....	5	.....	2 50	5	.....	2 50
Newcastle.....	Northumberl'd	R. B. Haddow	18	4	10 20	51	8	27 90	69	12	38 10
North Joggins	Westmoreland	Rufus O. Ward .....	.....	Nil.....	.....	8	4	5 20	8	4	5 20

Quaco	St. John	J. Carson	31	2	16 10	17	6	10 30	48	8	26 40
Richbroct.	Kent	John Rusk	3	2	2 10	26	7	15 10	29	9	17 20
Rockport	Westmoreland	E. O. Ward	28	1	14 30	No return.	No return.		28	1	14 30
Sackville	Westmoreland	J. D. Dixon		No return.		37	15	23 00	37	15	23 00
St. Andrews	Charlotte	Samuel Billings	25	8	14 90	20	15	14 50	45	23	29 40
St. George	Charlotte	James McKay	10	8	7 40	4	2	2 60	14	10	10 00
St. John	St. John	W. H. Purdy	2,063	1,216	1,386 30	2,552	1,656	1,772 80	4,615	2,872	3,169 10
St. Stephens	Charlotte	H. Webber	11	8	7 90	No return.	No return.		11	8	7 90
Shediac	Westmoreland	Hon. D. Hanington	15	1	7 80	29	3	15 40	44	4	23 20
Shippegan	Gloucester	Henry A. Sormany		Nil.		2		1 00	2		1 00

Advocate	Cumberland	James Ward	14	2	7 60	12		6 00	26	2	13 60
Amherst	Cumberland	Nathan Tupper		Nil.			Nil.				
Annapolis	Annapolis	A. Fullerton	69	61	52 80	60	58	47 40	129	119	100 20
Antigonish	Antigonish	R. Grant		Nil.			Nil.				
Apple River	Cumberland	J. W. Ward		9	2 70		Nil.			9	2 70
Arichat	Richmond	D. O' C. Madden	123	37	72 60	95	104	78 70	218	141	151 30
Aspey Bay	Victoria	D. McDonald		Nil.			Nil.				
Baddeck	Victoria	L. G. Campbell	6		3 00	6		3 00	12		6 00
Barrington	Shelburne	D. Sargent	10	4	6 20	9	2	5 10	19	6	11 30
Bayfield	Antigonish	E. G. Randall		No return.		15		7 50	15		7 50
Beliveau Cove	Digby	J. V. Stuart	99	7	18 60	4	24	9 20	37	31	27 80

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 Master.	For half-year ended 30th June, 1883.			For half-year ended 31st December, 1883.			Total Seamen Shipped.	Total Seamen Discharged.	Total Amount.
			Seamen Shipped.	Seamen Discharged.	\$ cts.	Seamen Shipped.	Seamen Discharged.	\$ cts.			
Bear River.....	Digby.....	T. H. Miller.....	85	46	56 30	111	124	92 70	196	170	149 00
Beaver River.....	Colchester....	R. Perry.....	16	.....	8 00	8	.....	4 00	24	.....	12 00
Bridgetown.....	Annapolis.....	S. S. Ruggles.....	.....	Nil.....	.....	3	1	1 80	3	1	1 80
Bridgewater.....	Lunenburg....	W. M. Duff.....	70	32	44 60	83	41	53 80	150	73	98 40
Caledonia.....	Cape Breton... ..	James T. Burchell.....	.....	.....	.....	.....	No returns.	.....	.....	.....	.....
Canada Creek.....	King's.....	O. V. Rawling.....	8	4	5 20	10	7	7 10	18	11	12 30
Canso.....	Guyaboro'.....	J. W. Young.....	55	3	28 40	25	14	16 70	80	17	45 10
Cape Sable Island.....	Shelburne.....	Seth Smith.....	56	12	31 60	20	10	13 00	76	22	44 60
Clementsport.....	Annapolis.....	G. F. Ditmars.....	57	37	39 60	53	56	43 30	110	93	82 90
Cornwallis.....	King's.....	E. Rand.....	28	9	16 70	30	18	20 40	58	27	37 10
Cow Bay.....	Cape Breton... ..	W. W. Bown.....	33	12	20 10	57	31	32 10	90	43	51 20
Digby.....	Digby.....	Botsford Viets.....	29	32	24 10	19	3	10 40	48	35	34 50
Freeport.....	Digby.....	Isaiah Thurber.....	.....	No return.	.....	3	4	2 70	3	4	2 70
French Cross.....	King's.....	J. E. Orpen.....	11	1	5 80	6	.....	3 00	17	1	8 80
Great Bras d'Or.....	Cape Breton... ..	D. Campbell.....	2	1	1 30	15	20	13 50	17	21	14 80
Guyaboro'.....	Guyaboro'.....	J. A. Tory.....	.....	.....	.....	.....	.....	.....	81	7	42 60

	1,602	1,530	1,260 00	1,821	1,432	1,940 10	3,433	2,962	2,600 10
Halifax	Ass B. Bligh	1,530	1,260 00	1,821	1,432	1,940 10	3,433	2,962	2,600 10
Hantsport	J. W. Lawrence	No return.		37	46	32 30	37	46	32 30
Harbour au Bouche	E. Corbet	No return.		5	13	6 40	5	13	6 40
Harbourville	King's	2	7 10	7	4	4 70	20	6	11 80
Horton	King's	Nil		6	3	3 90	6	3	3 90
Isaac Harbour	Guysboro'	1	9 80	4	4	3 20	23	5	13 00
Joggins	Cumberland		11 50	12		6 00	35		17 50
Jordan Bay	Shelburne	6	10 80	22	8	13 40	40	14	24 20
La Have	Lunenburg				No returns.				
Lingan	Cape Breton				No returns.				
Little Bras d'Or	Cape Breton	Nil		6	4	4 20	6	4	4 20
Little Glace Bay	Cape Breton				No returns.				
Liscomb	Guysboro'				No returns.				
Liverpool	Queen's	259	175 10	200	183	154 90	459	335	330 00
Lockeport	Shelburne	No return.		205	179	166 20	205	179	166 20
Londonderry	Colchester	Nil			Nil				
Louisburg	Cape Breton	25	35 50	27	40	25 50	83	65	61 00
Lunenburg	Lunenburg	511	326 30	360	268	260 40	871	504	586 70
Mahone Bay	Lunenburg	No return.		10	9	7 70	10	9	7 70
Main à Dieu	Cape Breton	Nil		6	4	4 20	6	4	4 20
Maitland	Hants	Nil			Nil				
Margaree	Inverness	Nil			Nil				
Margaretville	Annapolis	Nil		10		5 00	10		5 00
Merigomish	Pictou	Nil			No returns.				
Meteghan	Digby	Nil		14		7 00	14		7 00

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, 1883.			For Half-year ended 31st December, 1883.			Total Seamen Shipped.	Total Seamen Discharged.	Total Amount.
			Seamen Shipped.	Seamen Discharged.	Amount.	Seamen Shipped.	Seamen Discharged.	Amount.			
					\$ cts.			\$ cts.			
North Sydney.....	Cape Breton...	James Armstrong..	11	3	6 40	283	209	204 20	212	210 60	
Parrsborough	Cumberland ..	A. S. Townshend .	88	51	59 30	65	51	47 80	102	97 10	
Pictou	Pictou	M. Campbell	36	20	24 00	230	139	156 70	159	180 70	
Port Acadie.....	Digby	A. Bourneuf	31	25	23 00	28	22	20 60	47	43 60	
Port Caledonia.	Cape Breton...	J. J. Campbell.....	No return.	No return.		60	50	45 00	50	45 00	
Port Gilbert.....	Digby	R. Sanderson.....	78	40	51 00	104	126	89 80	166	140 80	
Port Hawkesbury	Inverness.....	Angus Grant	21	4	11 70	No return.	No return.		4	11 70	
Port Hood.....	Inverness.....	E. D. Tremain	No return.	Nil.....		No return.	Nil.....		No return.		
Port la Tour	Shelburne	J. W. Taylor.....	4	6	3 80	5	4	3 70	10	7 50	
Port Medway.....	Queen's	J. J. Leston.....	29	13	18 40	31	36	26 30	49	44 70	
Port Mulgrave	Guyshoro'	D. Murray, jun.....	No return.	No return.		8		4 00		4 00	
Port William.....	King's	G. S. Lockwood ..	15	6	9 30	40	14	24 20	20	33 50	
Port Williams.....	Annapolis	W. Graves	4		2 00	4	2	2 60	2	4 60	
Pubnico.....	Yarmouth	P. S. D'Entremont	36		18 00	43		21 50		39 50	
Pugwash	Cumberland ..	J. H. Black	4		2 00	8		4 00		6 00	
Rateford's River	Cumberland...	F. F. Hatfield	No return.	No return.		21	4	11 70	4	11 70	

Richmond.....	Richmond.....	A. McDonald.....	Nil.....	Nil.....	7	3	4 40	7	3	4 40
St Ann's.....	Cape Breton.....	D. McAuley.....	Nil.....	Nil.....	No returns.					
St. Mary's River.....	Guy'sboro'.....	A. F. Falconer.....	56.....	28 00	Nil.....			56		28 00
St. Peter's.....	Richmond.....	Donald Urquhart.....			No returns.					
Sheet Harbour.....	Halifax.....	M. Macfarlane.....	141.....	73 50	No returns.			170	13	88 90
Shelburne.....	Shelburne.....	W. F. Atwood.....			No returns.					
Ship Harbour.....	Halifax.....	Edgar Hill.....			do					
Sydney.....	Cape Breton.....	R. J. Ingraham.....	35.....	17 50	13		6 50	48		24 00
Thorne's Cove.....	Annapolis.....	E. H. Porter.....			Nil.....					
Truro.....	Colchester.....	J. F. Crowe.....			2	2	1 60	2	2	1 60
Tatamagouche.....	Colchester.....	J. A. G. Campbell.....			13	2	7 10	17	2	9 10
Wallace.....	Cumberland.....	Wm. McNab.....	4.....	2 00	24	10	15 00	39	18	24 90
Walton.....	Hants.....	A. McN Parker.....	15.....	9 90	76	36	48 80	123	47	75 60
Weymouth.....	Digby.....	Sterns Jones.....	47.....	26 80	58	25	36 50	84	44	55 20
Windsor.....	Hants.....	E. O'Brien.....	26.....	18 70	No returns					
Wilnot.....	Annapolis.....	G. B. Reed.....			259	208	191 90	525	411	385 80
Yarmouth.....	Yarmouth.....	C. W. Clements.....	266.....	183 90						

PRINCE EDWARD ISLAND.

Osceamec.....	Prince.....	James F. White.....			No returns.					
Charlottetown.....	Queen's.....	Wm. Koughan.....			161	125	118 00	161	125	118 00
Crapaud.....	Queen's.....	S. J. B. Leard.....	10	4	15	9	10 20	25	13	16 40
Georgetown.....	King's.....	Charles Owen.....	23	13	50	67	45 10	73	80	60 50
Malpeque.....	Prince.....	J. M. Macvortt.....	Nil.....		Nil.....					

STATEMENTSHOWING certain Returns respecting shipping and discharging Seamen, &c.—Continued.
PRINCE EDWARD ISLAND—Continued.

Name of Port.	Name of County.	Name of Shipping Master.	For half-year ended 30th June, 1883.			For half-year ended 31st December, 1883.			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.....	6	3	\$ 3 90	15	6	9 30	21	9	\$ 13 20
Murray Harbour.....	King's..	H. J. Brehaut.....	.....	Nil.....	.....	4	.....	2 00	4	.....	2 00
Pinette	Queen's ..	A. Murchison.....	2	.....	1 00	.....	Nil.....	.....	2	.....	1 00
Port Hill	Prince.....	W. Hopgood.....	.....	3	0 90	8	4	5 20	8	7	6 10
St. Peter's Bay.....	King's ..	R. D. McCallum ..	.....	Nil.....	.....	.....	Nil.....	.....	.....	.....	.....
Souris	King's ..	James Moynagh.....	32	5	17 50	26	1	13 30	58	6	30 80
Summerside.....	Prince.....	Jacob Schuman....	12	10	9 00	24	5	13 50	36	15	22 50
Tignish.....	Prince.....	Geo. Conroy.....	.....	.....	.....	.....	No returns.	.....	.....	.....	.....
West Cape	Prince.....	Charles Stewart...	.....	.....	.....	.....	do	.....	.....	.....	.....

BRITISH COLUMBIA.

Burrard Inlet.....	N. Westminst'r	Isaac Johns.....	29	116	49 30	50	114	59 20	79	230	108 50
Victoria	Victoria	W. Hamley.....	60	19	35 70	85	25	50 00	145	44	85 70

APPENDIX NO. 42.

REPORT OF THE MONTREAL HARBOUR POLICE FOR THE FISCAL YEAR
ENDED 30TH JUNE, 1883.

MONTREAL, 24th November, 1883.

SIR,—I have the honour to submit the Annual Report of the Government Harbour Police for the fiscal year ended 30th June, 1883.

A return of persons arrested during the term for various offences is annexed, showing a total of 911, being an increase of 149 over the previous year.

Early in May last, on urgent representation, an addition of five constables was made to the regular force. It then comprised one chief, three sergeants and thirty men, making a total of (including the inspector) thirty-five.

In consequence of the very great number of desertions, a detective constable in plain clothes was temporarily appointed with much advantage.

A memorial from the constables to the Honourable Minister of Marine, praying for an increase of pay, was submitted, and the Minister was pleased to authorize a bonus of \$10 to each deserving man in lieu thereof.

I have again to tender my thanks for the consideration extended and support afforded me in the performance of my continued official duties.

I have honour to be, Sir,
Your obedient servant,

H. S. A. ORMOND,

Agent Marine and Fisheries and Inspector Government Harbour Police.

WILLIAM SMITH, Esq.,
Deputy Minister Marine and Fisheries,
Ottawa.

RETURN of prisoners arrested by the Government Harbour Police of Montreal, for the fiscal year ended 30th June, 1883.

Month.	Broaching ship's cargo.	Drunk.	Refusing duty.	Drunk and fighting on wharves.	Sailors deserting from ship.	Sailors drunk on board.	Sailors absent without leave.	Assault and battery.	Larceny.	Sailors drunk and fighting on board.	Sailors placed on board ship.	Drunk and resisting the Police.	Assaulting the Police.	Sailors threatening their officers.	Sailors assaulting their officers.	Cruelty to animals.	Drunk and disorderly on the wharves.	Cramping.	Suspicion of deserting.	Inducing seamen to desert.	Obstructing on board ship.	Interfering with the Police.	Carters impeding on the wharves.	Attempting to commit suicide.	Bathing in the river.	Protection.	Total.
1882.																											
July.....	2	6	6	5	7	7	12	2	10	4	41	4	3	2	3	6	6	3	10	2	1	2	1	3	1	6	155
August.....	1	10	8	10	10	5	5	3	4	.....	52	3	3	.....	.....	.....	5	1	7	.....	.....	.....	.....	.....	.....	.....	12
September.....	.....	6	6	10	6	5	8	3	3	3	59	3	.....	3	1	4	2	.....	10	1	1	2	3	.....	6	13	
October.....	2	8	5	7	5	7	10	2	4	.....	55	4	2	3	.....	.....	1	.....	1	.....	.....	.....	4	3	.....	10	
November.....	.....	10	4	10	5	3	3	4	3	3	28	.....	.....	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1883.																											
January.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	4
February.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
March.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	4
April.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
May.....	.....	10	4	3	3	8	.....	1	8	2	31	2	.....	1	.....	.....	4	.....	8	.....	.....	.....	.....	2	.....	10	
June.....	4	6	5	9	10	9	.....	.....	4	4	30	.....	.....	2	.....	.....	5	.....	9	.....	2	2	.....	.....	11	123	
	9	58	38	54	54	35	55	16	36	16	296	16	8	15	7	12	23	4	45	4	10	7	6	8	75	913	

GEORGE MURPHY,
Chief, G. H. P.

H. S. A. ORMOND, Esq.,
Agent Marine and Fisheries, and Inspector of Police.

APPENDIX No. 43.

**REPORT OF THE QUEBEC RIVER POLICE FOR THE CALENDAR YEAR
ENDED 31st DECEMBER, 1883.**

QUEBEC, 8th December, 1883.

SIR,—I beg to submit, for your consideration and approval, my Annual Report as Chief of the Government River Police at this port, for the season of navigation just closed.

On the 1st of May the River Police Force resumed duty with the following staff, viz:—

The Chief, who is also Shipping Master, at a salary of \$1,500 per annum for the joint offices, with Mr. James Cunningham acting as Deputy Chief and steersman of steamer "Dolphin," and receiving \$2.40 cents per day for the season.

Five coxswains, at \$1.90; twenty-seven Constables, at \$1.50 per diem, and two engineers at \$50 each per month.

From the above rate of wages the amount of 25 cents per day was monthly retained as a guarantee of their good conduct. This amount was paid them on the 3rd inst., and in addition to this it has been the good pleasure of the Honourable the Minister of Marine to grant the constables an extra bonus of \$10, which was also paid them on the same day.

I have the honour to be, Sir,
Your obedient servant,

BENJ. TRUDEL,
Shipping Master and Chief Government River Police.

APPENDIX No. 44

LIST of Persons to whom Rewards have been granted by the Government of the Dominion of Canada, from 1st January to 31st December, 1883, 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.
Capt. Philip Lemaistre, Master of the British schooner "Island Queen."	Services in rescue of the shipwrecked crew of the American barque "Montezuma," of New York.	Sept. 30, 1877	A gold watch and chain from the United States Government.
Capt. D. G. Keene, Master of the United States schooner "N. E. Symonds." Dr. Anslyn, Port Physician, Island of St. Martin's, W.I.; given to his heirs, as doctor was reported dead.	Services rendered in rescue of the shipwrecked crew of the brigantine "Blanche," of Liverpool, N.S., foundered at sea, on the passage from Pascagoula, Miss., to Barbadoes.	Jan. 18, 1878	A gold watch each to Capt. and Dr. Anslyn.
Capt. H. J. Fritz, of the barque "Lowwood," of St. John, N.B.	Services to the shipwrecked crew of the schooner "Bend Or," of London, on the passage from Liverpool, Eng., to St. Johns, Nfld.	Oct. 23, 1881	A gold watch and chain by the Imperial Government
Mr. Wm. Williams, of Stonington, Con., U.S., owner of fishing smack "Juliett."	Services to the crew of the brig "Bonnie Leslie," of Halifax, wrecked on Great Rip, Nantucket.	Nov. 21, 1881	\$50.
Capt. Thomas Huntingdon, of the American steamship "Newbern." and Capt. Christobal Lesa, of the Mexican schooner "Thor."	Services rescuing crew of the ship "Milton," of Maitland, N.S., abandoned at sea, on fire.	Dec. 23, 1881	A gold watch to the first and a binocular glass to the other.
Capt. H. Penny, Port Captain of the Harbor of Pointe à Pitre.	Services to crew of the schooner "Humber," of Halifax, N.S., and assistance to save vessel from total destruction by fire.	do 17, 1882	A letter of thanks.
Capt. Louis Piedra Buena, of the Argentine surveying vessel "Cabo de Horne."	Services to shipwrecked crew of the "Pactolus," lost on Staten Island.	March 15, 1882	A letter of thanks.
Messrs. Pompey Mayrant, S. M. Ward and J. M. Lachicotte, of Pawley's Island, South Carolina, U.S.	Services to shipwrecked crew of the brigantine "Queen of the West," of Halifax, N.S., abandoned at sea	Nov. 6, 1882	A silver watch to the first and letters of thanks to the others.
Capt. Oliver G. Reed, Master of the American schooner "Mary J. Elliott," of Boeth Bay, Maine, U.S.	Services rescuing shipwrecked crew of the schooner "Mary George," of St. John, N.B.	April 22, 1882	A letter of thanks.

LIST of Persons to whom Rewards have been granted by the Government of the Dominion of Canada, &c.—*Concluded.*

Names and Designation of Persons.	Nature of Service Rendered.	Date of Service Rendered.	Description of Rewards Granted.
Capt. George A. Hatfield, of the British barque "J. P. Smith," of Nova Scotia.	Services rescuing the crew of the sinking American schooner "D Talbot."	.....	A gold watch and chain from the United States Government.
Capt. Pearce, of the British ship "Exile," of St. John, N.B.	Rescuing two French sailors, picked up off Newfoundland.	Sept. 1, 1883	Thanks of the French Government.
Indians of Has-quaht, on the west coast of Vancouver Island.	Services, burial of dead of the wrecked barque "Malleville," on the coast of Vancouver Island.	Oct. — 1883	A gold medal to the Chief and \$200 for distribution among the tribe, by the American Government.
Mr. Frank Tinning, of Toronto.	Saving two men from drowning, on the Georgian Bay.	do 23, 1883	A binocular glass.
Michael Troy, of Long Point, Ont.	Saving life on Lake Ontario on several occasions.	.....	A silver watch.
Capt. George A. Mallett, Mr. George N. Doane, Steward, and Messrs. George Mallett, jun., Alonzo Letteney, Wallace Rice, Charles W. Jeffrey, Manning Rice, Enoch Berry and George Barry, seamen, of the brig "Annie Benson," of Nova Scotia.	Services in saving, under circumstances of unusual difficulty and personal danger, the lives of the Master and eight members of the crew of the American ship "Screamer," shipwrecked at Cape Hatteras.	March 10, 1882	A gold medal to the Captain, a gold watch and chain to the Steward, and \$100 to be equally divided among the several members of the crew, by the United States Government.

SUPPLEMENT No. 2
TO THE SIXTEENTH ANNUAL REPORT OF THE
DEPARTMENT OF MARINE AND FISHERIES
FOR THE YEAR 1883.

REPORT
ON THE
FISHERIES OF CANADA
FOR THE YEAR
1883.



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THE FISHERIES OF CANADA

FOR THE YEAR

1883.

PRODUCE AND VALUE OF THE CANADIAN FISHERIES.

The fisheries of Canada continue to improve in condition and yield. Their total value for 1882 was given at \$16,824,092.34, whilst that for 1883 is reckoned at \$16,958,192.98; an increase of \$134,100.64, exclusive of the catch in Manitoba and other portions of the North-West Territory, of which there are no returns, but which may be roughly estimated at \$50,000; thus making the total value about seventeen millions of dollars.

The following table shows the value of the principal kinds of fish, grouped for convenience.

Cod	\$4,507,110 25
Herring.....	2,263,326 66
Lobster.....	1,949,253 71
Salmon.....	1,518,126 61
Mackerel.....	1,329,485 46
Haddock.....	609,966 50
Hake	511,983 50
Trout.....	408,995 12
Pollock.....	369,505 50
Sardines.....	347,632 00
Whitefish.....	268,222 56
Smelt.....	254,456 58
Oysters.....	151,620 00
Alewives.....	150,498 00

GENERAL Recapitulation of the Yield and Value of Fisheries in the Dominion of Canada, for the years 1882 and 1883.

Kinds of Fish.	1882.		1883.	
	Quantity.	Value.	Quantity.	Value.
		\$		\$ cts.
Cod..... Cwt.	902,890	3,778,961 75	1,074,914	4,507,110 25
Herring, pickled..... Brls.	423,042	1,739,943 75	443,611	1,825,355 50
do smoked..... Boxes.	1,247,231	311,807 75	1,247,660	311,915 00
do frozen..... No.	20,527,200	83,533 80	20,875,000	125,100 00
do preserved..... 1 Lb. Cans			7,968	956 16
Lobsters, preserved..... "	16,803,736	2,780,495 50	13,364,020	1,889,265 71
do..... Tons.	1,812	62,760 00	964	29,310 00
do in shell or alive..... Per M.	258,000	6,450 00	1,195,120	30,678 00
Salmon, pickled..... Brls.	6,839½	72,436 50	6,030½	63,901 50
do fresh..... No.	5,099	7,648 50	1,117,664	44,287 20
do do in ice..... Lbs.	1,803,076	293,437 24	1,537,352	282,810 44
do preserved in cans..... "	12,282,374	1,410,669 90	9,460,911	1,087,218 35
do smoked..... "	76,896	11,540 50	419,363	59,909 02
Mackerel, preserved in cans..... "	594,061	89,009 15	702,743	94,853 46
do pickled..... Brls.	110,352	1,092,547 00	124,093	1,234,632 00
Haddock..... Cwt.	173,805	626,994 00	173,092	609,966 50
Hake..... "	187,684	656,894 00	146,281	511,983 50
Pollock..... "	117,247	410,364 50	105,573	369,505 50
Trout..... Lbs.	2,876,079	219,032 24	4,744,529	368,323 12
do..... Brls.	3,571	35,114 00	4,099	40,672 00
Whitefish..... "	2,192	21,920 00	1,862	18,620 00
do..... Lbs.	3,493,616	279,489 28	3,120,032	249,602 56
Smelt..... "	3,241,974	194,515 44	4,180,943	254,456 58
Sardines..... Brls.	3,508	10,553 00	15,294	45,896 00
do..... Hhds.	27,285	163,710 00	37,717	301,736 00
Oysters..... Brls.	54,646	193,938 00	50,540	151,620 00
Alewives..... "	45,875	185,072 50	37,707	150,498 00
Hake Sounds..... Lbs.	147,190	114,857 50	115,687	110,222 80
Cod Tongues and Sounds..... Brls.	1,640	11,850 00	1,943	14,433 00
Shad..... No.	225,854	21,042 56	192,800	17,843 75
do salted..... Brls.	10,323	82,588 00	7,076½	56,612 00
Eels do..... "	2,817	25,277 00	3,482½	31,246 50
do..... No.	540,390	54,039 00	514,219	51,421 90
Maskinongé..... Lbs.	540,725	36,097 40	771,970	49,257 20
Bass..... "	1,048,349	66,164 02	1,181,923	74,551 04
Pickarel..... "	1,991,989	116,468 19	1,671,539	105,011 65
Pike..... "	410,330	24,598 90	930,020	45,361 00
Sturgeon..... "	1,262,020	57,770 50	1,011,278	54,006 30
do..... Brls.			1,866	9,330 00
Halibut..... Lbs.	1,066,395	61,853 72	1,066,050	62,493 00
Bar Fish..... "	5,210	416 80		
Bar and Whitefish..... Doz.	6,989	8,736 25	14,050	27,562 50
Winnonish..... No.	42,160	10,540 00	21,500	5,375 00
Tom Cod..... Brls.	3,500	5,250 00	4,000	6,000 00
Perch..... Lbs.	35,000	2,100 00	10,450	627 00
Ling..... Cwt.	140	560 00	207	828 00
Squid..... Brls.	3,453	13,700 00	4,470	17,672 00
Whiting..... Lbs.	19,600	1,176 00	25,000	1,530 00
Oolahans, pickled..... Brls.	148	1,218 60	187	1,517 50
do fresh..... Lbs.	39,400	1,970 00	30,000	1,800 00
do smoked..... Boxes.	1,261	1,261 00	1,050	4,050 00
Seal Skins..... No.	17,706	177,000 00	19,195	91,950 00
Hair Seal Skins..... "	16,917	15,167 00	22,048	20,586 00
Sea Otter do..... "	170	8,500 00		4,800 00
Porpoise do..... "	94	376 00	87	298 00
Fish Oils, not assorted..... Galls.	588,110	378,521 50	632,690	401,726 60
Whale Oil..... "	7,880	4,728 00	5,010	2,505 00

GENERAL Recapitulation of the Yield and Value of the Fisheries, etc.—*Concluded.*

Kinds of Fish.	1882.		1883.	
	Quantity.	Value.	Quantity.	Value.
		\$ cts.		\$ cts.
Seal Oil..... Galls.	54,540	32,724 00	127,749	76,649 40
Cod Oil..... "	170,232	102,139 20	121,631	72,978 60
Dog Fish, Porpoise, etc., Oil..... "	216,043	88,398 50	220,918	88,786 40
Dog Fish Oil, refined..... "	37,000	20,350 00	40,000	22,000 00
Colahan do..... "	3,200	3,200 00	1,100	1,100 00
Clams, preserved..... Lbs.	2,400	250 00	8,640	1,080 00
Fish Roes..... Brls.			46	108 00
Coarse Fish..... "	10,720	42,928 00	15,230	60,920 00
Small and Mixed Fish..... "	24,666	85,039 00	24,546	101,068 68
Fish Scrap, dried..... Tons.	150	2,250 00	20	300 00
Fish Guano..... "	2,796	41,940 00	2,873	43,095 00
Fish used for Bait and Manure..... "	18,556	145,576 50	25,250	225,818 50
Fish sold in Halifax markets.....		30,000 00		31,500 00
do Victoria, B.C., markets.....		55,000 00		105,000 00
Fish assorted in British Columbia.....				2,430 00
For home consumption not included in Returns.....		131,591 00		215,558 30
Total value of the Fisheries in Canada.....		16,824,092 34		16,958,192 98
Increase in 1883.....				134,100 64

COMPARATIVE Statement of Production in the different Fisheries in the respective Provinces of the Dominion of Canada, in 1882 and 1883.

PROVINCE OF NOVA SCOTIA.

Kinds of Fish.	1882.		1883.	
	Quantity.	Value.	Quantity.	Value.
		\$ cts.		\$ cts.
Salmon..... Brls.	700	10,500 00	532	9,576 00
do fresh, in ice..... Lbs.	418,055	62,708 25	423,308	84,661 60
do smoked..... "	65,910	9,866 50	19,920	3,984 00
do preserved..... Cans.	1,096	164 40	26,312	5,262 40
Codfish..... Cwt.	611,938	2,600,736 50	721,979	3,068,410 75
Cod Tongues and Sounds..... Brls.	1,263	8,841 00	1,389	9,723 00
Pollock..... Cwt.	106,248	371,868 00	94,049	329,171 50
Hake..... "	112,693	394,425 50	246,969	864,391 50
Haddock..... "	162,041	567,143 50		
Halibut..... Lbs.	752,332	45,139 86	959,650	57,579 00
Mackerel..... Brls.	73,702	737,020 00	88,608	886,080 00
do preserved..... Cans.	42,600	6,390 00	114,500	17,175 00
Herring..... Brls.	193,361	773,444 00	205,070	820,280 00
do smoked..... Boxes.	159,595	39,876 25	84,800	21,200 00
do frozen..... No.	28,500,000	12,825 00	100,000	450 00
Alewives..... Brls.	21,056	86,624 00	18,346	73,384 00
Shad..... "	6,456	51,648 00	3,442	27,536 00
Bass, Trout and Smelt..... Lbs.	415,435	24,926 10	488,505	29,310 30
Eels..... Brls.	1,783	16,047 00	2,308	20,772 00
Oysters..... "	1,745	5,235 00	1,343	4,029 00
Lobsters, preserved..... Cans.	4,965,477	744,821 55	4,870,339	730,550 85
do..... Tons.	840	33,600 00	39	1,560 00
do in shell..... Per M.	58,000	1,450 00	30,000	750 00
do live..... "	200,000	5,000 00	1,200,006	29,928 00
Fish Roes..... Brls.	.....	.....	8	32 00
Fish Oils..... Galls.	475,863	309,310 95	521,859	339,208 35
Fish Guano..... Tons.	2,047	30,705 00	1,598	23,970 00
Fish used as bait..... Brls.	.....	16,220 00	43,127	43,127 00
do manure..... "	16,192	8,096 00	23,693	11,846 50
Hake Sounds..... Lbs.	60,820	36,992 00	59,290	59,290 00
Mixed Fish in Digby and Yarmouth Counties.....	.....	22,750 00	.....	18,395 00
Squid..... Brls.	3,425	13,700 00	4,366	17,464 00
Amount sold in Halifax Fish Market.....	.....	30,000 00	.....	31,500 00
Home consumption of various Counties, as per return.....	.....	49,549 00	.....	48,777 00
Albicores and Clams in Queen's Co.....	.....	1,675 00	.....	.....
Capelin in Cape Breton Co.....	.....	600 00	.....	.....
Smoked Haddies in Annapolis Co.....	.....	1,500 00	.....	.....
Total.....	.....	7,131,418 36	.....	7,689,374 75
Increase in 1883.....	.....	.....	.....	557,956 39

COMPARATIVE Statement of Production in each Branch of Fishing, &c.—Continued.
 PROVINCE OF NEW BRUNSWICK.

Kinds of Fish.	1882.		1883.	
	Quantity.	Value.	Quantity.	Value.
		\$ cts.		\$ cts.
Codfish Cwt.	43,487	184,819 75	81,136	344,828 00
Herring Brls.	121,743	486,972 00	106,306	425,224 00
do smoked Boxes.	1,073,970	268,492 50	1,137,830	284,457 50
do frozen..... No.	17,677,200	70,708 80	20,775,080	124,650 00
Mackerel Brls.	2,563	25,630 00	4,166	41,660 00
do preserved..... Cans.	120,642	18,096 30	235,310	35,446 50
Haddock Cwt.	15,757	55,149 50	17,022	59,577 00
Pollock "	10,999	38,496 50	11,524	40,334 00
Hake "	65,376	228,816 00	37,218	180,263 00
Halibut Lbs.	230,831	13,849 86	27,900	1,674 00
Salmon, pickled..... Brls.	61	1,098 00	50	900 00
do fresh, in ice..... Lbs.	1,014,448	202,889 60	765,972	153,194 00
do smoked "	120	24 00		
do preserved..... Cans.	38,350	7,670 00	8,650	1,730 00
Alewives..... Brls.	23,161	92,656 00	18,702	74,808 00
Trout Lbs.	83,459	5,007 54	56,055	3,363 30
Smelt "	2,838,624	170,317 44	3,822,793	229,367 58
Shad Brls.	3,866	30,928 00	3,634	29,076 00
Bels "	996	8,964 00	1,078	9,706 50
Sturgeon..... Lbs.	284,350	17,061 00	125,280	7,516 80
Sardines..... Hhds.	27,285	163,710 00	37,717	301,736 00
Bass Lbs.	250,706	15,042 36	298,162	17,889 72
Pickrel "	120,000	7,200 00	34,500	2,070 00
Perch "	35,000	2,100 00	10,450	627 00
Oysters..... Brls.	5,859	17,577 00	10,317	30,951 00
LOBSTERS, preserved..... Cans.	5,916,575	887,486 25	4,042,954	606,443 10
do Tons.	972	29,180 00	925	27,750 00
Od Tongues and Sounds..... Brls.	192	1,344 00	147	1,029 00
Hake Sounds Lbs.	63,500	63,500 00	40,785	40,785 00
Fish Oil..... Galls.	84,923	55,199 95	69,438	41,662 80
Fish Guano Tons.	746	11,190 00	1,275	19,125 00
Fish used as manure Brls.	22,365	11,182 50	23,971	11,985 50
do bait..... "			41,487	62,230 50
Squid "			104	208 00
Frostfish and Flounders Lbs.			388,828	23,329 68
Fish Boes Brls.			38	76 00
Totals.....		3,192,338 85		3,185,674 88
Decrease.....				6,663 97

COMPARATIVE Statement of Production in each Branch of Fisheries, &c.—Continued.
 PROVINCE OF QUEBEC.

Kinds of Fish.	1882.		1883.	
	Quantity.	Value.	Quantity.	Value.
		\$ cts.		\$ cts.
Salmon, pickled	Brls. 1,022	15,330 00	731½	10,972 50
do fresh in ice.....	Lbs. 243,307	17,381 49	340,142	23,809 94
do preserved, in cans	"		3,633	544 95
do smoked.....	Boxes.		1	10 00
do fresh.....	No. 5,099	7,648 50	7,490	11,235 00
Cod.....	Cwt. 233,523	934,092 00	245,097	980,388 00
Haddock.....	" 759	3,036 00	1,312	5,248 00
Ling.....	" 140	560 00	207	828 00
Halibut.....	Brls. 355	2,130 00	245	1,470 00
Herring, pickled.....	" 57,640½	255,202 00	66,265	296,096 00
do smoked.....	Boxes. 3,078	769 50	5,030	1,257 50
Shad.....	No. 225,854	21,042 56	192,505	17,819 75
Eels.....	" 504,876	50,487 60	480,859	48,085 90
do pickled.....	Brls. 38	266 00	96	768 00
Mackerel.....	" 2,794½	16,967 00	3,149	25,192 00
Sardines.....	" 3,508	10,553 00	15,294	45,896 00
Sturgeon.....	" 2,260	13,629 00	1,866	9,330 00
do.....	Lbs.		257,708	12,885 40
Trout.....	" 516,613	34,149 04	525,900	35,740 00
do.....	Brls. 298	2,384 00	159	1,272 00
Winnonish.....	No. 42,160	10,540 00	21,500	5,375 00
Bar and White Fish.....	Doz. 6,989	8,736 25	14,050	27,562 50
Bar Fish.....	Lbs. 5,210	416 80		
White Fish.....	" 55,980	4,454 40	45,512	3,640 96
Maskinongé.....	Lbs. 182,695	14,615 60	149,650	11,972 00
Bass.....	" 163,154	13,052 33	181,783	14,542 64
Pickarel.....	" 305,115	15,255 75	268,766	20,845 28
Pike.....	" 136,080	10,886 40	454,820	21,601 00
Tom Cod.....	Brls. 3,500	5,250 00	4,000	6,000 00
Cod Tongues and Sounds.....	" 185	1,665 00	409	3,681 00
Lobsters, canned.....	Lbs. 722,958	108,443 70	606,154	90,923 00
Small and Mixed Fish.....	Brls. 15,558	57,414 00	16,470	59,344 00
Seal Skins.....	No. 13,417	13,417 00	19,136	19,136 00
Porpoise Skins.....	" 94	376 00	87	298 00
Seal Oil.....	Galls. 54,540	32,724 00	127,749	76,649 40
Whale Oil.....	" 7,880	4,728 00	5,010	2,505 00
Cod Oil.....	" 170,232	102,139 20	121,631	72,978 60
Porpoise Oil.....	" 19,636	9,835 70	3,499	1,818 80
Fish used as bait and manure.....	Brls. 115,989½	104,198 00	106,868	95,291 00
Fish used for local consumption.....	" 18,185	72,740 00	18,996	75,984 00
Total.....		1,976,515 81		2,138,997 12
Increase.....				162,481 31

COMPARATIVE Statement of Production in each Branch of Fisheries, &c.—*Continued.*
 PROVINCE OF PRINCE EDWARD ISLAND.

Kinds of Fish.	1882.		1883.	
	Quantity.	Value.	Quantity.	Value.
		\$ cts.		\$ cts.
Codfish..... Cwt.	13,942	59,253 50	26,702	113,483 50
Herring..... Brls.	31,545	126,180 00	46,440	185,760 00
do smoked..... Boxes.	278	69 50		
do preserved..... Cans.			7,968	956 16
Mackerel..... Brls.	31,293	312,930 00	28,170	281,700 00
do preserved..... Cans	430,819	64,622 85	351,933	42,321 96
Haddock..... Lbs.	27,750	1,665 00	47,500	2,850 00
Hake..... Cwt.	9,615	33,652 50	9,036	31,720 50
Salmon, fresh..... Lbs.	9,666	1,449 90	7,630	1,144 50
do..... Cans.			300	75 00
Alewives..... Brls.	1,655	5,792 50	659	2,306 50
Halibut..... Lbs.	5,900	354 00	4,500	270 00
Bass..... "	800	48 00		
Trout..... "	24,750	1,485 00	43,880	2,632 00
Smelts..... "	82,500	4,950 00	55,450	3,327 00
Eels..... "	59,190	3,551 40	55,600	3,336 00
Shad..... "	200	12 00	400	24 00
Oysters..... Brls.	57,042	171,126 00	38,880	116,640 00
Lobsters, preserved..... Lbs.	5,198,720	1,039,744 00	3,844,573	461,348 76
Cod and Hake Sounds..... "	22,870	14,865 50	15,612	10,147 80
Fish Oil..... Galls.	12,324	8,010 60	17,193	11,175 45
do Guano..... Tons.	3	45 00		
Manure..... "	2,940	5,880 00	1,338	1,338 00
Total.....		1,855,687 25		1,272,467 93
Decrease.....				583,219 32

COMPARATIVE Statement of Production in each Branch of Fisheries, &c.—Continued.
PROVINCE OF BRITISH COLUMBIA.

Kinds of Fish.	1882.		1883.	
	Quantity.	Value.	Quantity.	Value.
		\$ cts.		\$ cts.
Salmon, pickled..... Brls.	5,056½	45,508 50	4,717	42,453 00
do fresh..... Lbs.	112,600	9,008 00	110,174	33,052 20
do preserved in cans..... Lbs.	12,242,928	1,402,835 50	9,422,016	1,079,608 00
do smoked..... ".....		1,630 00	399,393	55,915 02
Mixed Fish, pickled..... Brls.	100	600 00	150	900 00
Herring do..... ".....	1,289½	10,316 00	36	288 00
do..... Kitts.	423	1,374 75	150	637 50
do smoked.....		2,600 00		5,000 00
Trout, fresh..... Lbs.	26,900	2,152 00	64,300	4,501 00
Sturgeon, fresh..... "	79,700	4,782 00	68,960	4,137 60
Clams, canned..... "	2,490	250 00	8,640	1,080 00
Haddock.....				27,900 00
Halibut, fresh, in ice, to San Francisco, Customs Return.....		380 00		1,500 00
Whiting..... Lbs.	19,600	1,176 00	25,000	1,530 00
Oolâhans, pickled..... { Half Brls.	116	928 00	150	1,200 00
do..... " Kitts.	44	198 00	50	212 50
do..... " Kitts.	37	92 50	35	105 00
do smoked..... Boxes.	1,261	1,261 00	4,060	4,050 00
do fresh..... Lbs.			30,000	1,800 00
Fur Seal Skins..... No.	17,700	177,000 00	9,195	91,950 00
Hair do..... "	3,500	1,750 00	2,900	1,450 00
Sea Otter Skins..... "	170	8,500 00	96	4,800 00
Oolâhan Oil..... Galls.	3,200	3,200 00	1,100	1,160 00
Herring and Salmon Oil..... "	15,000	6,000 00	24,200	9,680 00
Dog-fish, Seal and Porpoise Oil..... "	196,407	78,562 80	217,419	86,967 60
do Oil, refined..... "	37,000	20,350 00	40,000	22,000 00
Fresh fish sold in markets.....		55,000 00		105,000 00
Fish for home consumption, Chinese labourers.....		3,000 00		54,000 00
Fish Scrap, dried..... Tons.	150	2,250 00	20	300 00
Fish, fresh, assorted..... Lbs.			25,560	1,530 00
Total.....		1,842,675 05		1,644,645 42
Decrease.....				198,029 63

ADDITIONAL.

Value of computed consumption of fish by the Indian population (35,000) as per previous detail:

Salmon.....	\$4,375,000 00
Halibut.....	180,000 00
Sturgeon, &c.....	250,000 00
Fish Oil.....	80,000 00

COMPARATIVE Statement of Production in each Branch of Fisheries, &c.—Continued.
 PROVINCE OF ONTARIO.

Kinds of Fish.	1882.		1883.	
	Quantity.	Value.	Quantity.	Value.
		\$ cts.		\$ cts.
Whitefish..... Brls.	2,192	21,920 00	1,862	18,620 00
do..... Lbs.	3,437,936	275,034 88	3,074,520	245,961 60
Trout..... Brls.	3,273	32,730 00	3,940	39,400 00
do..... Lbs.	2,138,862	171,108 96	3,941,159	315,292 72
Herring..... Brls.	} 17,291	86,455 00	19,414	97,070 00
Sciscos..... "				
Maskinongé..... Lbs.	358,030	21,481 80	621,420	37,285 20
Bass..... "	624,549	37,472 94	699,408	41,364 48
Pickarel..... "	1,566,874	94,012 44	1,368,273	82,096 36
Pike..... "	274,250	13,712 50	475,200	23,760 00
Sturgeon..... "	445,970	22,298 50	589,330	29,466 50
Coarse Fish and Mixed Fish..... Brls.	10,732	42,928 00	15,230	60,920 00
Fish used for local consumption..... "		6,302 00		35,796 00
Total.....		825,457 02		1,027,032 88
Increase.....				201,576 86

RECAPITULATION.

Provinces.	Value.	
	1882.	1883.
	\$ cts.	\$ cts.
Nova Scotia.....	7,131,418 36	7,689,374 75
New Brunswick.....	3,192,338 85	3,185,674 88
Quebec.....	1,976,515 81	2,138,997 12
Prince Edward Island.....	1,855,687 25	1,272,467 93
British Columbia.....	1,842,675 05	1,644,645 42
Ontario.....	825,457 02	1,027,032 88
Total.....	16,824,092 34	16,958,192 98
Increase.....		134,100 64

See note at preceding page.

EXPENDITURE.

The total expenditure for the Fishery Service during the financial year ending 30th June, 1883, amounted to \$114,673.76, as follows:—

General Service...	\$62,341 43
Fish breeding.....	25,776 87
Maintenance and running expenses of armed steamer, "La Canadienne".....	26,555 46
	<u>\$114,673 76</u>

This expenditure is sub-divided as follows:—

Nova Scotia.

Fishery Officers' salaries and disbursements..	\$16,247 14
Fish-breeding.....	4,191 34
	<u>\$20,438 48</u>

New Brunswick.

Fishery Officers' salaries and disbursements..	\$13,007 00
Fish-breeding	2,646 14
	<u>\$15,653 14</u>

Quebec.

Fishery Officers' salaries and disbursements..	\$13,287 30
Fish-breeding	7,987 12
	<u>\$21,274 42</u>

Prince Edward Island.

Fishery Officers' salaries and disbursements..	\$2,766 64
Fish-breeding.....	807 32
	<u>\$3,573 96</u>

British Columbia.

Fishery Officers' salaries and disbursements.....	\$1,599 92
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Ontario.

Fishery Officers' salaries and disbursements..	\$13,602 00
Fish-breeding.....	10,144 95
	<u>\$23,746 95</u>

Manitoba.

Report on fisheries.....	\$150 00
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Fisheries protection vessel "La Canadienne".....	\$26,555 46
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Miscellaneous.

Legal and incidental expenses.....	\$1,681 43
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Total.....	\$114,673 76
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The expenses incurred for Fish Culture are also sub-divided, as follows, among eleven fish hatcheries:—

Ontario.

Newcastle	\$4,774 15	
Sandwich	2,987 30	
General disbursements, including salary and travelling expenses of S. Wilmot.....	2,383 50	
		<u>\$10,144 95</u>

Quebec.

Tadoussac	\$2,302 56	
Gaspé Basin.....	1,968 60	
Magog.....	1,858 54	
Ristigouche (Quebec and New Brunswick)....	1,798 65	
General disbursements	58 77	
		<u>\$7,987 12</u>

Nova Scotia.

Bedford Basin.....	\$2,255 71	
Sydney.....	1,671 09	
Building fish-ways	264 54	
		<u>\$4,191 34</u>

New Brunswick.

Miramichi.....	\$1,346 85	
St. John River	1,208 03	
Hatching fry for St. Croix River	91 26	
		<u>\$2,646 14</u>

Prince Edward Island.

Dunk River.....	(\$727 32	
Building fish-ways	80 00	
		<u>\$807 32</u>
		<u><u>\$25,776 87</u></u>

RECEIPTS.

The collections made during the fiscal year are arranged under the following heads:—

Ontario.

Rents, license fees and fines..... \$9,980 28

New Brunswick.

Rents, taxes on nets, and fines..... 4,612 12

Quebec.

Rents, license fees and fines..... 3,869 47

Nova Scotia.

Fishery licenses and fines..... 2,005 29

British Columbia.

Salmon fishery licenses.....	\$735	
Oyster fishery privileges.....	50	
Fines	5	
		790 00

Prince Edward Island.

License fees 80 00

\$21,337 16

 LICENSES ISSUED.

The number of Fishery Licenses issued during the season of 1883, is as follows:—

Ontario.

Gill-net licenses	376	
Hoop-net do	72	
Pound-net do	103	
Seine do	227	
Angling permits.....	613	
Spearing licenses.....	175	
Dip-nets and night lines.....	32	
	<hr/>	1,598

Quebec.

Salmon-net fishing licenses	414	
Brush-weir do	49	
Eel-weirs do	6	
Seine do	172	
Gill-net do	148	
Dip-net and night line licenses.....	90	
Pound-net licenses.....	2	
	<hr/>	881

New Brunswick.

Salmon-net fishing licenses	540	
Herring-weir do	218	
Bass do	248	
Smelt do	848	
Sturgeon do	47	
Trap-net do	2	
	<hr/>	1,903

Nova Scotia.

Trap-net licenses	63	
Weir do	2	
	<hr/>	65

British Columbia.

Salmon-net fishing licenses	44	
Oyster fishery leases.....	2	
	<hr/>	46

Prince Edward Island.

Trap-net licenses	2	
	<hr/>	
Total.....		<u>4,495</u>

FISH-BREEDING.

COLLECTION OF FISH EGGS AND DISTRIBUTION OF YOUNG FISH.

The following table shows the numbers and kinds of vivified eggs laid down in the several fish hatcheries in the Dominion, during the fall of 1883:—

Name of Hatchery.	Kinds of Fish Eggs.			
	Salmon.	Salmon-Trout.	Whitefish.	Speckled Trout.
Newcastle	94,000	5,500,000		100,000
Sandwich.....			35,000,000	
Magog.....		1,400,000		
Tadoussac.....	1,050,000			
Gaspé.....	950,000			
Ristigouche.....	1,400,000			
Miramichi.....	850,000			
St. John River.....	584,000†			
Bedford Basin.....	1,500,000			
Sydney, U.B.....	1,050,000			
Dunk River.....	1,120,000			
Totals.....	8,588,000	6,900,000	35,000,000	100,000

† Part of these eggs sent from Tadoussac and Ristigouche hatcheries.

Recapitulation.

Salmon eggs.....	8,588,000
Salmon trout eggs.....	6,900,000
Whitefish eggs.....	35,000,000
Speckled trout eggs.....	100,000
Total.....	<u>50,588,000</u>

NOTE.—These and the following figures are compiled from the returns of the officers in charge of the several hatcheries in the Dominion. No report of the current year's operations has been received from Mr. S. Wilmot.

The whole number of young fish distributed from the same establishments during the spring of 1883, was as follows:—

Name of Hatchery.	Kinds of Fish.				
	Salmon.	Salmon-Trout.	Whitefish.	Speckled Trout.	Pickeral.
Ontario—					
Newcastle.....	150,000	3,850,000	2,150,000	103,000	.....
Sandwich.....	.....	.....	35,000,000	.....	37,000,000
Quebec—					
Magog.....	.....	250,000	.....	.....	.....
Tadoussac.....	995,000	.....	.....	.....	.....
Gaspé.....	520,000	.....	.....	.....	.....
New Brunswick—					
Ristigouche.....	300,000	.....	.....	.....	.....
Miramichi.....	925,000	.....	.....	.....	.....
St. John River.....	72,600	.....	.....	.....	.....
Nova Scotia—					
Bedford Basin.....	800,000	.....	.....	.....	.....
Sydney, C.B.....	659,000	.....	.....	.....	.....
Dunk River, P.E.I.....	1,210,000	.....	.....	.....	.....
Totals.....	5,631,600	3,900,000	37,150,000	103,000	37,000,000

Recapitulation.

Salmon.....	5,631,600
Salmon-Trout.....	3,900,000
Whitefish.....	37,150,000
Speckled Trout.....	103,000
Pickeral.....	37,000,000
Total.....	<u>83,784,600</u>

A site has been selected for a fish hatchery on the Fraser River, British Columbia, and it is expected that the building will be completed and in operation during the season of 1884.

FISHING BOUNTIES.

The Act 45 Vic. cap. 18, authorizes the payment of a sum of \$150,000 as an aid to develop the sea-fisheries, to encourage the building and fitting out of improved fishing craft, as well as to ameliorate the condition of fishermen. This grant is to be expended under regulations of the Governor in Council, and in such instalments as may be directed in each year. An Order in Council, adopted on the 14th Dec., 1882, provides that:

1. Canadian fishing vessels of 10 tons and upwards, which have been engaged in the sea-fisheries during a period of three months, shall be entitled to a bounty of \$2 per ton, up to 80 tons; one-half of said bounty being payable to the owner, and one-half to the crew.

2. Canadian fishing boats which have been engaged in the sea-fisheries during a period of three months and caught not less than 2,500 pounds of sea-fish per man, exclusive of salmon, shad and other sea-fish exempted under the Washington Treaty, shall be entitled to receive a bounty at the rate of \$2.50 per man; one-fifth being payable to the owner or owners of the boat, and four-fifths to be divided equally between the men.

The data on which the rate of payments to boats was fixed, in accordance with the terms of the above Order in Council, could only be approximate. Inasmuch as the fishery statistics available for the purpose were not of such a character as to enable the Department to determine exactly what number of boats and men would, under the terms of the Order in Council, be excluded, or what number would fall short of the requisite catch to entitle them to share in the Bounty, it soon became evident that, the claim would not absorb the appropriation, and that unless the rate be increased, the whole work would have to be done over again. An Order in Council was therefore passed on the 2nd May, 1883, doubling the payments to boats and crews. Payments were then made in accordance with such Order by separate official cheques, in the respective names of owners and men. Each claim is entered in the office registers and a proper record kept for future reference.

So much delay was caused by the dilatoriness of claimants to send their returns, that it was found necessary to issue a notice, notifying them, that all claims to Bounty for 1883 must be filed with the Department not later than the 31st December of that year.

In order to facilitate the labour of officers engaged in the transmission of claims and the distribution of the money, the following Circular was distributed among claimants. The principal features of this Circular are, that no bounty would in future be paid to boats under 14 feet keel and that, instead of a simple declaration, returns must be sworn to.

The former provision was intended as a set off against claims from boats which cannot reasonably be classed as sea-fishing boats; the second was intended to act as an additional safeguard against fraud.

Circular.

FISHING BOUNTIES.

1883.

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 no less than 2,500 *pounds of sea-fish* per man ;

2. No Bounty will be paid to Boats measuring less than 14 feet keel ;

3. Dates and localities of fishing must be stated in the claim, as well as the quantity and kinds of sea-fish caught ;

4. Returns must be *sworn to* as true and correct in all their particulars ;

5. No fisherman can claim more than once in a season. Any person detected claiming more than once in a season, or knowingly making false returns, will be debarred from participation in the Bounty ;

6. *Claims must be filed on or before the 31st December ;*

7. 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 Marine and Fisheries ;

VESSELS.

8. 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 ;

9. 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 which certificate being filed with the claim, the Bounty will be paid ;

10. Directions contained in paragraphs 3, 4, 5, 6 and 7, apply to Vessels as well as to Boats.

A. W. McLELAN,
Minister of Marine and Fisheries.

DEPARTMENT OF MARINE AND FISHERIES,
FISHERIES BRANCH,
OTTAWA, 1st September, 1883.

SCHEDULE of Fishing Bounty Claims received for the Year 1882.

Province.	County.	Number of Claims received.	Number of Claims rejected.
Nova Scotia.....	Antigonish	85	1
	Annapolis.....	234	3
	Cumberland.....	4	1
	Cape Breton.....	489	6
	Digby.....	436	4
	Guysboro'.....	806	16
	Halifax.....	1,213	16
	Inverness.....	498	15
	King's.....	16	2
	Lunenburg.....	453	6
	Pictou.....	15	1
	Queen's.....	229	.....
	Richmond.....	847	16
	Shelburne.....	348	20
Victoria.....	524	3	
Yarmouth.....	233	7	
		6,730	117
New Brunswick.....	Charlotte.....	613	93
	Gloucester.....	452	7
	Kent.....	110	14
	Northumberland.....	3	.....
	Ristigouche.....	1	.....
	St. John.....	74	.....
	Westmoreland.....	4	1
		1,287	116
Prince Edward Island.....	King's.....	524	54
	Prince.....	463	14
	Queen's.....	172	1
		1,169	69
Quebec.....	Bonaventure.....	990	9
	Gaspé.....	1,945	24
	Saguenay.....	226	12
	Temiscouata.....	1	.....
		3,162	45

RECAPITULATION.

Nova Scotia.....	6,730	117
New Brunswick.....	1,287	116
Prince Edward Island.....	1,169	69
Quebec.....	3,162	45
Grand Totals.....	12,318	346

STATEMENT of Payments made on account of Fishing-Bounty Claims for the Year 1882

Province.	County.	Amount Paid.	Total.
		\$ cts.	\$ cts.
Nova Scotia	Antigonish	840 00	106,098 72
	Annapolis	2,470 00	
	Cumberland	20 00	
	Cape Breton	5,461 00	
	Digby	5,554 66	
	Guysboro'	10,294 48	
	Halifax	14,717 81	
	Inverness	6,382 00	
	King's	171 00	
	Lunenburg	18,273 03	
	Pictou	297 00	
	Queen's	3,555 00	
	Richmond	11,851 65	
	Shelburne	11,626 00	
Victoria	5,145 00		
Yarmouth	9,440 09		
New Brunswick	Charlotte	7,781 00	16,997 00
	Gloucester	5,790 00	
	Kent	1,733 00	
	Northumberland	45 00	
	Restigouche	28 00	
	St. John	1,575 00	
	Westmoreland	45 00	
Prince Edward Island	King's	5,276 00	16,137 00
	Prince	7,025 00	
	Queen's	3,836 00	
Quebec	Bonaventure	8,945 00	33,052 75
	Gaspé	19,969 75	
	Saguenay	4,123 00	
	Temiscouata	15 00	

RECAPITULATION.

Nova Scotia	106,098 72
New Brunswick	16,997 00
Prince Edward Island	16,137 00
Quebec	33,052 75
Grand Total	172,285 47

SCHEDULE of Boats measuring less than 14 feet keel, for the Year 1882.

Counties.	Length of Boats.							Total Boats.	Men.	Bounty.
	9 feet.	10 feet.	11 feet.	12 feet.	12½ feet.	13 feet.	13½ feet.			
<i>Nova Scotia.</i>										
Antigonish				1	4			5	5	25
Annapolis			2	9	6	17	14	48	48	240
Cape Breton				9		22	6	37	41	205
Digby		2	2	5		18	3	30	46	230
Guysboro'			2	5	1	11	1	20	26	130
Halifax		1				9	2	12	18	90
Inverness				2	1	9	2	14	16	80
Lunenburg						3		3	3	15
Richmond		2	1	13		13	3	32	36	180
Shelburne		3	10	23	4	53	14	107	144	720
Queen's.....				4	3	14	4	25	26	130
Victoria			6	32	2	62	4	106	148	740
Yarmouth.....	1		4	9	4	15	9	42	70	350
Totals.....	1	8	27	112	21	250	62	481	627	3,135
<i>New Brunswick.</i>										
Charlotte		1		2		6	1	10	14	70
Gloucester.....			3	16		10	2	31	49	245
Kent						4		4	4	20
Totals.....		1	3	18		20	3	45	67	335
<i>Prince Edward Island.</i>										
King's.....				7	2	4	6	19	30	150
<i>Quebec.</i>										
Bonaventure	1	4	6	86	1	63		16	226	1,130
Gaspé				21	4	39	3	67	79	395
Totals, Quebec.....	1	4	6	107	5	102	3	228	305	1,525

RECAPITULATION.

Nova Scotia.....	1	8	27	112	21	250	62	481	627	3,135
New Brunswick.....		1	3	18		20	3	45	67	335
Prince Edward Island				7	2	4	6	19	30	150
Quebec	1	4	6	107	5	102	3	228	305	1,525
Grand Totals.....	2	13	36	244	28	376	74	773	1,029	5,145

STATEMENT of Fishing Bounties paid to Vessels for the year 1882, under the Statute 45 Vic., Cap. 18.

Province.	County.	No. of Vessels.	Tonnage.	Average Tonnage.	No. of Men.	Amount of Bounty Paid.
						\$ cts.
Nova Scotia	Annapolis	13	236	18	64	472 00
	Cape Breton	9	147	16	37	294 00
	Digby	43	718	17	243	1,436 00
	Guysboro'	29	1,240	43	224	2,380 73
	Halifax	79	1,846	23	449	3,599 50
	Inverness	19	475	25	102	950 00
	King's	2	23	11	8	46 00
	Lunenburg	141	7,589	54	1,475	15,161 03
	Pictou	4	101	25	14	202 00
	Queen's	22	819	37	204	1,638 00
	Richmond	66	1,927	29	486	3,853 15
	Shelburne	79	3,647	46	940	7,294 00
	Victoria	4	142	35	25	284 00
	Yarmouth	79	3,931	49	1,092	7,825 09
		588	22,841	39	5,343	45,435 40
New Brunswick	Charlotte	59	1,070	18	291	2,140 00
	Gloucester	17	211	12	52	422 00
	Kent	19	384	20	72	768 00
	Ristigouche	1	14	14	2	28 00
	St. John	24	492	21	114	984 00
		120	2,171	18	531	4,342 00
Prince Edward Island....	King's	5	126	25	26	252 00
	Prince	7	158	22	27	316 00
	Queen's	3	105	35	21	210 00
		15	389	26	74	778 00
Quebec.....	Gaspé	25	1,035	41	275	2,070 00
	Saguenay	38	1,175	32	263	2,350 00
		63	2,210	35	538	4,420 00

RECAPITULATION.

Nova Scotia	588	22,841	39	5,343	45,435 50
New Brunswick	120	2,171	18	531	4,342 00
Prince Edward Island	15	389	26	74	778 00
Quebec	63	2,210	35	538	4,420 00
Totals	786	27,611	35	6,486	54,975 50

STATEMENT of Fishing Bounties paid to Boats, for the Year 1882, under the Statute
45 Vic., chap. 18.

Province.	County.	Number of Boats.	Number of Men.	Amount of Bounty Paid
				\$ cts.
Nova Scotia.....	Antigonish.....	84	168	840 00
	Annapolis.....	219	400	1,998 00
	Cape Breton.....	474	1,034	5,167 00
	Cumberland.....	3	4	20 00
	Digby.....	390	824	4,118 66
	Guysboro'.....	766	1,583	7,913 75
	Halifax.....	1,120	2,223	11,118 31
	Inverness.....	470	1,086	5,432 00
	King's.....	12	25	125 00
	Lunenburg.....	306	622	3,112 00
	Pictou.....	10	19	95 00
	Queen's.....	207	383	1,917 00
	Richmond.....	767	1,599	7,998 50
	Shelburne.....	549	866	4,332 00
Victoria.....	519	972	4,861 00	
Yarmouth.....	147	323	1,615 00	
		6,043	12,130	60,663 22
New Brunswick.....	Charlotte.....	461	1,128	5,641 00
	Gloucester.....	430	1,073	5,368 00
	Kent.....	77	193	965 00
	Northumberland.....	3	9	45 00
	St. John.....	50	118	591 00
	Westmoreland.....	3	9	45 00
		1,024	2,530	12,655 00
Prince Edward Island.....	King's.....	476	1,004	5,024 00
	Prince.....	443	1,341	6,709 00
	Queen's.....	168	725	3,626 00
		1,087	3,070	15,359 00
Quebec.....	Bonaventure.....	983	1,789	8,945 00
	Gaspé.....	1,911	3,570	17,899 75
	Saguenay.....	176	354	1,773 00
	Temiscouata.....	1	3	15 00
		3,071	5,716	28,632 75

RECAPITULATION.

Nova Scotia.....	6,043	12,130	60,663 22
New Brunswick.....	1,024	2,530	12,655 00
Prince Edward Island.....	1,087	3,070	15,359 00
Quebec.....	3,071	5,716	28,632 75
Totals.....	11,225	23,446	117,309 97

APPENDIX No. 1.

SCHEDULE of Fishery Officers in the Provinces of Ontario, Quebec, Nova Scotia, New Brunswick, Prince Edward Island and British Columbia, appointed under the Fisheries' Act (1868), with Districts, Post Office Addresses, Salaries, etc., etc., distinguishing those who, being Fishery Overseers, are instructed to act *ex-officio* as Magistrates, from those who act in the capacity of Fishery Wardens, and do not exercise magisterial powers.

PROVINCE OF ONTARIO.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
James Dickson.....	Slate Island to Pigeon River, Lake Superior.....	Prince Arthur's Land'g	Overseer..	100 00
Joseph Wilson.....	Thessalon River, Lake Huron, to Slate Island, Lake Superior.....	Sault Ste. Marie	do ...	100 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 Fraser.....	Point Cockburn to Moose Point.....	Midland	do ...	100 00
.....	Collingwood to Point Rich	Collingwood	do ...	250 00
Geo. S. Miller.....	Owen Sound to Cape Hurd	Owen Sound	do ...	100 00
George R. Steele...	Inland waters of Parry Sound district	Waubamick	do ...	100 00
James Muir.....	Point Clarke 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.....	Waubnno.....	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	That part of Lake St. Clair extending from Stony Point to the division line between Dover East and West, including the 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.....	That part of Lake Erie fronting on the County of Elgin	St. Thomas	do ...	50 00
	Carried forward			2,525 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF ONTARIO—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward .....	.....	.....	2,525 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, in the 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 ...	The Rivers Credit and Speed, with their tributaries, in the Townships of Eramosa, Erin, Carleton and Esquessing	Erin	do ...	30 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	The 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, in the County of Prince Edward	Belleville	do ...	400 00
A. D. Sills.....	Lake shore and inland waters, County of Lennox and Addington, including Amherst Island.....	Napante	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. McGarrity	Counties of Stormont and Glengarry.....	Cornwall	do ...	50 00
O. Miron	South Nation River, in the County of Prescott.....	Curran	do ...	30 00
	Carried forward .....	.....	.....	5,785 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF ONTARIO—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward.....			\$ cts. 5,785 00
Wm. Boucher.....	Waters of Co. Carleton.....	South March.....	Overseer..	250 00
Arch. Acheson.....	Lower Allumette and Coulouge Lakes	Westmeath.....	do ...	25 00
John Grant.....	Upper Allumette to Des Joachims, including Petawawa River.....	Forester's Falls.....	do ...	100 00
Andrew Telfer.....	Bonnechère River and Lakes, County 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, Renfrew.....	Eganville.....	do ...	25 00
Geo. Douglas.....	Muskrat Lake and Snake River, Ren- frew.....	Stafford.....	do ...	25 00
John Smith.....	Lake des Chats, from Prom Portage du Fort to Fitzroy Harbour.....	Renfrew.....	do ...	50 00
Joseph Belanger...	Calabogie Lake and inland waters of Township of Bagot, County Ren- frew.....	High Falls.....	do ...	25 00
John McMullan....	Mattawa River and Lake Nipissing.....	Nipissing.....	do ...	150 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 ...	40 00
John A. Cameron.	That part of the County of Frontenac north of Loughboro' Lake.....	Westport.....	do ...	100 00
Hy. R. Purcell.....	Townships of Camden, Portland, Loughboro', Sheffield and Kennebec, County of Addington.....	Colebrook.....	do ...	100 00
Robt. Gilbert.....	Townships of Palmerston, Clarendon, North and South Canoto and Mil- ler, County of Addington.....	Ompah.....	do ...	100 00
W. H. Johnston....	Charleston Lake, Gananoque Lake and River.....	Farmersville.....	do ...	60 00
James Greer.....	Gananoque River.....	Warburton.....	do ...	40 00
George Cochrane.	Inland waters, Co. Peterborough, in- cluding Pigeon, Deer, Salmon- Trout, Stony, Sturgeon and Che- mung Lakes.....	Lakefield ..	do ...	250 00
John Dauncey.....	Upper Division or East Riding, Co. Peterborough, comprising waters of Gull and Burnt Rivers and tribu- taries, together with Drag, Eagle, Moose, Redstone, Crooked and other lages within such limits.....	Mindon.....	do ...	100 00
J. R. Graham.....	Inland waters, N.R., County Victoria, north of Sturgeon Lake, and above Fenelon Falls.....	Victoria Road.....	do ...	100 00
Geo. B. McDermott	Lake Scugog, including Lindsay or Scugog River to its mouth.....	Port Perry.....	do ...	100 00
L. S. Saunders.....	Lake Simcoe and tributaries.....	Barrie.....	do ...	150 00
Wm. Hastings.....	Lake Simcoe, from Cook's Bay to Beaverton.....	Roach's Point.....	do ...	50 00
Reginald G. Dalton	Lake Couchiching and Severn River, Co. Simcoe and Ontario.....	Orillia.....	do ...	50 00
Wm. McDermott...	County Simcoe, South Riding.....	Beeton.....	do ...	50 00
	Carried forward.....			8,180 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF ONTARIO—Concluded.

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward			\$ cts. 8,180 00
Wm. E. Foot	Lakes Muskoka, Rosseau, Joseph, Lake of Bays and the Magnetawan River.	Bracebridge	Overseer...	125 00
Coleridge Roper ...	North Branch of Muskoka River and Mary Lake to Nipissing Road.....	Port Sydney.....	do ...	100 00
W. B. Jelley	County of Wellington.....	Bowling Green	do ...	40 00
W. Helliwell.....	County of York	Highland Creek	do ...	100 00
	Total			8,545 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.....			Overseer..	100 00
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.....		St. Agnes.....	do ...	40 00
Antoine Filion.		Bay St. Paul.....	do ...	30 00
Jos. Radford.....	Counties of Chicoutimi and Saguenay	Tadoussac	Overseer..	200 00
Jacques Girard.....	Grand Bay	Grand Bay.....	Warden ...	100 00
Romuald Maltais...	Lake St. John.....	Alma.....	do ...	50 00
Chas Potvin.....	do	Roberval	do ...	50 00
Job. Bilodeau.....	Lake St. John and tributaries, Upper Saguenay.....	Metabechouan.....	do ...	50 00
Joseph Boily.....	Escoumains to Bersimis.....	Mille Vaches	do ...	50 00
F. Duchesne.....	North Shore, from Manicouagan to Point des Monts, including Beesie, Mistassini and Godbout Rivers.....	Chicoutimi.....	do ...	150 00
J. O. Belanger....	North Shore River St. Lawrence, from Point des Monts to Baie des Rochers, including Trinity and Pentecost Rivers.....	L'Islet.....	do ...	150 00
G. Mathurin.....	Western Division Natashquan, including Rivers Agwanus, Nabissippi and Natashquan	Montmagny.....	do ...	200 00
G. L. Duguay.....	Esquimaux Point to Sheldrake River.	Murray Bay.....	do ...	150 00
W. McLeod.....	Washeecootai Division, comprising the Rivers Kegascha, Musquarro, Washeecootai and Otomanosheeboo.	L'Islet.....	do ...	100 00
T. Mignault.....	Moisie District, from Point Jambon to Point St. Charles, including Moisie River.....	Montmagny.....	do ...	200 00
J. Legouvé.....	St. Augustine Division, from Cape Whittle to Checatia.....	Gaspé Basin.....	do ...	100 00
	Carried forward			3,030 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF QUEBEC—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
Brought forward.....				3,630 00
W. H. Whitely.....	Bonne Espérance Division, from Chacatica 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 Ristigouche River in the Counties of Rimouski and Bonaventure, including also the waters of Bay des Chaleurs.....	Cross Point.....	do ...	500 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, to Point Maquereau...	Gaspé Basin.....	do ...	200 00
J. J. Letourneau...	Cape Chatte to River Ste. Anne des Monts.....	Ste. Anne des Monts...	do ...	100 00
L. E. Grondin.....	Rimouski to River Blanche.....	Rimouski.....	do ...	100 00
H. Martin.....	Pointe à la Loupe, Green Island, to Rimouski River (same included)....	do	do ...	100 00
Jules Gauvreau....	River Ouelle to Pointe à la Loupe, Green Island.....	Isle Verte.....	do ...	100 00
F. O. Caron.....	Point Lévis to River Ouelle.....	L'Islet.....	do ...	200 00
George Gagnon....	Inland waters, County Témiscouata	St. Epiphane.....	Warden ...	30 00
Phileas Dubé.....	Lake Témiscouata and neighbouring waters, County Témiscouata.....	Notre Dame du Lac....	do ...	75 00
Alfred Blais.....	Lake Matapedia and River Matapedia to Causapsal.....	Causapsal.....	Overseer..	100 00
Pierre Latraverse..	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.....	Sorel.....	Warden ...	100 00
J. F. Picotin.....	St. Francis River.....	Drummondville.....	do ...	75 00
H. W. Austin.....	Richelieu River and tributaries, from Sorel to St. John.....	Berthier (<i>en haut</i>).....	Overseer..	400 00
J. B. Chevalier.....	Richelieu River, from St. John to Lake Champlain.....	Iberville.....	do ...	150 00
N. A. Beach.....	Lake Memphremagog, in the Counties of Stanstead and Bromé.....	Georgeville.....	do ...	100 00
P. C. Bourk.....	Inland waters of County Megantic....	Somerset.....	do ..	50 00
J. Laferge.....	River Chateauguay, from mouth to village.....	Chateauguay Basin....	do ...	75 00
Wm. Clyde.....	Chateauguay River and tributaries ...	Huntingdon.....	do ...	50 00
John Kelly.....	That part of River St. Lawrence and Lake St. Francis fronting Counties Beauharnois and Huntingdon.....	Beauharnois.....	do ...	25 00
P. F. Luke.....	Missisquoi Bay, in Lake Champlain, and Pike River.....	Phillipsburg.....	do ...	50 00
W. C. Willis.....	Waters in Districts of St. Francis....	Sherbrooke.....	do ...	150 00
J. B. McDonald...	Lake Megantic.....	Echo Vale.....	do ...	100 00
Jos. Desaulniers...	Island waters, Counties St. Maurice and Maskinongé.....	Shawenegan.....	do ...	75 00
.....	St. Lawrence River fronting County St. Maurice.....	.....	do ...	75 00
Wm. Ritchie.....	Inland waters of County Montcalm....	St. Donat.....	do ...	75 00
J. L. Martel.....	Inland waters of County Joliette.....	St. Alphonse.....	do ...	75 00
M. Hurteau.....	Verchères and L'Assomption Counties	Contrecoeur.....	do ...	25 00
S. A. Grant.....	That part of the St. Lawrence River fronting Counties of Berthier and Maskinongé.....	Louiseville.....	Warden ...	40 00
Carried forward.....				6,675 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF QUEBEC—Concluded.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			6,675 00
John Morris.....	River St. Lawrence around Island of Montreal.....	St. Lambert.....	Overseer..	200 00
Jos. Lauzon.....	River Jesus and Des Prairies.....	Terrebonne.....	do ...	100 00
R. W. Jones.....	Ottawa River, from Oka to Carillon, north side.....	St. Andrews.....	do ...	40 00
Theo. Sabourin.....	Ottawa River, from Oka to Carillon, south side.....	Rigaud.....	do ...	100 00
Alexander Beaton.	The inland waters in rear of the County of Argenteuil.....	Lost River P. O., Har- rington.....	do ...	30 00
V. Veilleux.....	Inland waters of the County of Beauce	St. Ephem de Tring ...	Warden ...	40 00
Jos. Marion.....	County of Ottawa.....	Hull.....	Overseer..	300 00
James Mohr.....	The waters of the County of Pontiac, from Ottawa County line west to River Coulonge.....	Onslow.....	do ...	40 00
J. T. Coglan.....	The waters of the County of Pontiac, from River Coulonge west to Des- Joachims.....	Waltham.....	do ...	50 00
D. D. Foster.....	Brome Lake.....	Knowlton.....	Warden ...	25 00
Robt. Joynt.....	Lake Bernard.....	Joynt P. O.....	do ...	50 00
	Total.....			7,650 00

PROVINCE OF NOVA SCOTIA.

W. H. Rogers.....	Nova Scotia.....	Amherst.....	Inspector of Fisher- ies.....	1,400 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. Riordan.....	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
	<i>Antigonish Coun'y.</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
	Carried forward.....			1,870 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
	<i>Brought forward</i>			\$ cts. 1,870 00
	<i>Antigonish County—Concluded.</i>			
R. J. 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 McWilliam's 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.....	Warden ...	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
John McEachen....	Salmon River.....	Grand Mira, Arichat..	do ...	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
	<i>Carried forward</i>			2,515 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			2,515 00
	<i>Cape Breton County—Concluded.</i>			
Alex. McDonald ..	South of East Bay to Salmon River.....	East Bay.....	Overseer..	120 00
Allan McAdam.....	Eskasoni.....	Eskasoni.....	Warden ...	25 00
Angus Morrison ..	Marrion Bridge, Mira.....	Marrion Bridge, Mira.....	do ...	25 00
Dennis Murphy ..	Ponds, Sydney Mines.....	Ponds, Sydney Mines.....	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 M'Cormack ..	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, Co. Colchester, comprising Tatamagouche Bay, French and Waugh's River	Tatamagouche.....	Overseer..	50 00
J. W. Davison.....	Colchester County, West 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
H. M. Fulton.....	Portaupique.....	Portaupique, W.O.....	do ...	30 00
George Moore.....	Economy River.....	Economy.....	do ...	25 00
Mat. 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, Co. Colchester.....	North River.....	Overseer..	100 00
Henry Urquhart.....	Folly River.....	Folly Village.....	Warden ...	25 00
Samuel Frame.....	Shubenacadie River and Gay's River.....	Shubenacadia 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
	River Philip, Hanam's Falls, upwards	River Philip.....	Warden ...	25 00
	do do downwards	do	do ...	25 00
John W. Moore.....	Shinimicas River	Shinimicas River.....	do ...	25 00
Thos. R. Smith.....				
Elijah Fowler.....	Cumberland County, Western Division, including all streams flowing into the Bay of Fundy	Amherst.....	Overseer..	100 00
David Corbett.....	Laplanché and Nappan Rivers.....	do	Warden ...	25 00
Moses Harrison.....	Maccan River.....	Maccan, W.O.....	do ...	25 00
Jos. Porter.....	River Herbert.....	River Hebert.....	do ...	25 00
Francis L. Jenks.....	Parrsboro' Head.....	Parrsboro'	do ...	25 00
Wm. Murphy.....	Wallace River.....	Wallace.....	do ...	25 00
Samuel McPherson.....	Pugwash River.....	Pugwash River.....	do ...	25 00
Sydney Smith.....	Apple River.....	Advocate Harbour.....	do ...	25 00
	Carried forward.....			3,975 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward.....			\$ cts. 3,975 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, Long and Briar 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- ham's West Line.....	Salmon River, W.O.....	Warden ...	25 00
James McEllum.....	From Graham's West Line to foot of Neil's Lake, including North Branch and Lake.....	do	do	20 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, includ- ing McQueen's Mill and Brook, to 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- vale, on the North Branch, and to Cameron's Mill, on the Valley Branch	Guysborough, Inter- vale, W. O	do	15 00
James R. Bruce....	From mouth of Clam Harbour River to Upper Falls.....	Guysborough.....	do	10 00
James Nickerson...	From Beach to Falls, including North- West Brook	New Harbour, W.O.....	do	15 00
D. A. McDonald ...	St. Mary's River	St. Mary's River, Sher- brooke	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 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 District.....	do	15 00
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 Guys- borough and Antigonish.....	Tracadie, County of Antigonish.. ..	do	15 00
	Carried forward.....			4,920 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			4,920 00
	<i>Guysborough County—Concluded.</i>			
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 (Lewis' son).....	Country Harbour River, from Bridge at Narrows to mouth.....	Country Harbour.....	do ...	25 00
John J. Sangster....	From New Harbour to Isaac Harbour, including harbours, rivers and lakes between these places.....	Coddell's Harbour	do ...	25 00
Jas. Barrigan, jun.	Cole Harbour River.....	Cole Harbour	do ...	25 00
	<i>Halifax County.</i>			
Isaac Gaetz.....	Halifax County, East Division, Dart- mouth 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 Terrance Bay, Nine Mile and Prospect Rivers	Spryfield	Warden ...	40 00
Nathaniel Mason...	From Hubert's to Peggy's Cove, Mar- garet 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 McCleam..	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
Jas. Gardner.....	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
James Mosher.....	Rivers Meander and Hebert, from mouth to source.....	Brooklyn.....	Warden ...	30 00
	Carried forward.....			6,125 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward.....			\$ cts. 6,125 00
	<i>Hants County—Concluded.</i>			
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
Joseph M. O'Brien.	Walton and Kennetcook Rivers.....	Maitland.....	do ...	30 00
	<i>Inverness County.</i>			
Jas. 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
Donald McDonald.	River Inhabitants.....	River Inhabitants, W.O	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 (John's Son).....	River Dennis and Basin.....	River Dennis.....	do ...	25 00
Malcolm McKay.....	Trout River.....	Lake Ainslie.....	do ...	20 00
Angus McFarlane (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.....	do.....	do ...	25 00
	<i>King's County.</i>			
John E. Starr.....	King's County.....	Port William.....	Overseer..	250 00
W. McIntyre.....	Annapolis River.....	Aylesford.....	Warden ...	50 00
R. F. Reid.....	King's County.....	Wolville.....	Overseer..	125 00
O. E. Bishop.....	Gaspereaux River.....	Horton.....	Warden ...	30 00
Jos. Angus.....	do.....	do.....	do ...	30 00
	<i>Lunenburg County.</i>			
Geo. Redden.....	Lunenburg County, East Division, Middle, Gold, Martin's and Mushamush Rivers.....	Chester.....	Overseer..	100 00
Ed. Hayes.....	Eastern River.....	do.....	Warden ...	25 00
	Carried forward.....			7,785 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			7,785 00
	<i>Lunenburg County—Concluded.</i>			
Isaiah Besancon....	Middle River.....	Chester Basin.....	Warden ...	25 00
David Demon.....	Lower Gold River.....	Lower Gold River	do	25 00
John Hutt.....	Middle Gold River.....	Beach Hill, Chester.....	do	25 00
Jas. Langille....	Gold River, Upper.....	New Ross.....	do	25 00
Hy. S. Jost.....	Martin's River.....	Chester.....	do	25 00
Chas. Pernette.....	Lunenburg County, West Division.....	Lunenburg.....	Overseer..	100 00
	From mouth of Lahave River to Wilkie's Cove.....	do	Warden ...	25 00
C. E. Goddard	Lahave River.....	Bridgewater.....	Overseer..	50 00
Jas. Mossman.....	From Henry Koch's to Knock's.....	Lunenburg.....	Warden ..	25 00
B. Rothenheiser....	Knock's to source of Lahave River.....	Bridgewater.....	do	25 00
John Andrews.....	Mushemush River	Mahone Bay.....	do	25 00
Geo. A. Nesbitt. ...	Petite River, mouth to Wallace Brook	Petite River.....	do	25 00
Elic 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
	<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
Robert 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.....	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
Wm. McKenzie.....	East River of St. Mary's and Garden Lake.....	Farden of Eden.....	do	20 00
Thomas Fraser.....	East River, from Tide Head to Grant's Factory.....	Island Hopewell.....	do	25 00
Allan Cameron....	East Branch Barney's River, from Sutherland's Marshy Hope to Barney's River.....	Barney's River.....	do	25 00
A. C. Pritchard....	Central Pictou County, including Middle, East and West Rivers.....	New Glasgow.....	Overseer..	150 00
	Carried forward.....			9,120 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary. \$ cts.
Brought forward				9,120 00
<i>Queen's County.</i>				
S. T. N. Sellon.....	Queen's County.....	Liverpool.....	Overseer..	225 00
Theodosius Ford.....	Milton Bridge up to Port River	Milton.....	Warden ...	60 00
.....	Puddingpan Island to Toby's Island, up Port Medway River to Dog Cove From Steam Mills to Salter's Falls on Port Medway River.....	Port Medway	do ...	70 00
John Fitzgerald....	Salter's Falls to Pawn Hook, on Port Medway River	Mill Village.....	Overseer..	70 00
Barnabas Miles.....	.....	Greenfield, W. O.....	Warden ...	30 00
<i>Richmond County.</i>				
Duncan Cameron..	Eastern Division, from River Bour- geois 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 Divisioc, from River Bour- geois to West Boundary of County.	Arichat	Overseer..	125 00
P. W. Grouchy....	Decousse River	Arichat	Warden ...	30 00
John Procter, sen.	Inhabitants River	Port Hawkesbury.....	do ...	20 00
Abraham Sampson	Petit Degrat Inlet.....	Petit Degrat.....	do ...	30 00
Justinian Sampson	L'Ardoise	L'Ardoise	do ...	30 00
Charles Grant.....	River Inhabitants.....	River Inhabitants.....	do ...	30 00
Ahan McRae	West Bay, Black River	West Bay	do ...	30 00
Farquhar McPherson	River Moulin.....	River Moulin, Gran- digue Ferry, W.O....	do ...	30 00
Patrick Kyte.....	River Tier.....	River Tier, St. Peters.	do ...	25 00
Felix Gerroir.....	Grand Ruisseau.....	Grand Ruisseau, Ari- chat	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
<i>Victoria County.</i>				
Malcolm McIntosh.	Victoria County, North Division, from Smoky Head to Bay St. Lawrence.	Ingonish.....	Overseer..	120 00
Donald McRae, jun	do South Division.....	Baddeck	do ...	120 00
Murdock McRae....	River St. Ann's.....	.....	Warden ...	80 00
Carried forward				10,738 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF NOVA SCOTIA—Concluded.

Name.	District.	Address.	Overseer or Warden.	Salary.
Brought forward.....				\$ cts. 10,735 00
<i>Victoria County—Concluded.</i>				
John McLellan.....	Middle River.....	Middle River, W.O., 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 00
John McDonald.....	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
John McCharles	Upper Settlement	Middle River	do ...	30 00
Donald Bochaman.....	Barachois River.....	Barachois River.....	do ...	30 00
Malcolm McIver.....	Indian Brook.....	Indian Brook	do ...	30 00
Joseph Quinn.....	North River.....	North River	do ...	30 00
Geo. Burton.....	Salmon River, Bay St. Lawrence.....	Bay St. Lawrence, W.O.....	do ...	30 00
Jos. Hellen	Cape North.....	Cape North.....	do ...	30 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.....	Gurrill'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
Total.....				11,640 00

PROVINCE OF NEW BRUNSWICK.

W. H. Venning. ...	New Brunswick.....	St. John, N.B.....	Inspector of Fisher's	1,400 00
C. R. Venning.....	.....	do	Clerk.....	400 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- 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
Carried forward.....				2,060 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF NEW BRUNSWICK—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward.....			\$ cts. 2,060 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.....	Warden ...	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
Thos. 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 Belledune River to Grindstone Point.....	Bathurst.....	Overseer..	350 00
Juste Haché.....	Oyster beds in County, Caraquet and Shippegan.....	Caraquet.....	Overseer..	100 00
J. Muzzeroll.....	Coast from County line to Green Point, including Big and Tracadie Rivers.....	Tracadie.....	Warden ...	50 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
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
Augustin Cormier.	Caraquet Herring Banks.....	Caraquet.....	do ...	50 00
Joseph Poirier....	Bay Chaleur, between Grand Anse and Point Mizzenette.....	Grand Anse.....	do ...	100 00
Alex. Boyd.....	Little Shippegan to Miscou.....	Little Shippegan.....	Warden ...	30 00
	Carried forward.....			4,260 00.

SCHEDULE of Fishery Officers in the several Provinces, &c—Continued.

PROVINCE OF NEW BRUNSWICK—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			4,260 00
	<i>Kent County.</i>			
Charles Cormier...	Cocagne River.....	Cocagne.....	Overseer..	100 00
Wm. Fred-Hannah	Richibucto River.....	Richibucto.....	do ...	75 00
F. R. 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
	<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 therinto.....	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.....	.....	do ...	160 00
John Hogan.....	Miramichi River (N.W.) and tributaries, from Chatham Ferry, upwards	Newcastle	do ...	400 00
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
	Carried forward			6,450 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF NEW BRUNSWICK—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward			6,450 00
	<i>Northumberland County—Concluded.</i>			
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...	Renous River	Renous Bridge.....	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
James Russell.....	Miramichi Bay and Feeders	Lower Newcastle.....	do ...	150 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	Coughlin 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
James Fitzpatrick.	Black River.....	Napan.....	do ...	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>			
Isaiah Langan.....	Salmon River.....	Chipman, W. O. Gasperaux.....	do ...	30 00
John Secord.....	Canaan River.....	Long's Creek, Johnston	do ...	30 00
I. T. Hetherington.	From Cole's Island to foot of Washademoak Lake.....	Jenkins, W. O. Johnson	Overseer ..	100 00
Robert Philips.....	Head waters, Washademoak Lake....		Warden ...	25 00
	Carried forward.....			7,755 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF NEW BRUNSWICK—Concluded.

Name.	District.	Address.	Overseer or Warden.	Salary. \$ cts.
	Brought forward.....			7,755 00
	<i>Restigouche County.</i>			
A. McPherson.....	From Belledune to Dalhousie.....	River Charlo.....	Overseer..	100 00
J. A. Verge.....	The River Ristigouche and its tributaries, in the Counties of Ristigouche and Victoria, including also the waters of the Bay des Chaleurs.....	Cross Point, P.Q.....	do	
	<i>Sunbury County.</i>			
G. W. Hoben.....	St John River, Indiantown to County Line of York.....	Burton, W.O.....	do	100 00
W. E. Taylor.....	do do do	Sheffield.....	Warden...	30 00
John Noble.....	Miramichi Bay, Fox Island to Escuminac.....		Overseer..	100 00
	<i>St. John County.</i>			
Joseph O'Brien.....	St. John County.....	Carleton, St. John.....	Overseer..	150 00
Wm. E. Skillen.....	Eastern part of St. John County, from Quaco Head to Goose River.....	St. Martins	do	100 00
	<i>Victoria County.</i>			
Thos. D. Ryan.....	County of Victoria.....	Grand Falls.....	Overseer..	150 00
Chas. Roberts.....	Lower Division, Tobique River.....	Andover.....	Warden...	30 00
Jno. McDougall...	Three Brooks, Branch of Tobique River.....	Rocky Brook, Parish of Lorne.....	do	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.....		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
	<i>York County.</i>			
Robert Orr.....	County of York.....	Fredericton.....	Overseer...	150 00
J. 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
Wm. Brown.....	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...	Skif and Palfrey Lakes.....		Overseer..	50 00
	Total.....			9,305 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—Continued.

PROVINCE OF PRINCE EDWARD ISLAND.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
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. Van der Stine.....	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
.....	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.....	Orapaud.....	Crapaud.....	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
Calvin Howat.....	Tryon River.....	Tryon River.....	do ...	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 and South part of Richmond Bay.....	Summerside.....	do ...	30 00
John Chaisson Chapel.....	Tignish, from line of Lot No. 2, northward, to include Little and Big Tignish, and westward to Railway	Tignish.....	do ...	30 00
Peter Aylward.....	Skinner's Pond, southward, from south end of Nail Pond to Black Pond, inclusive, and East to Railway.....	do	do ...	30 00
Alex. McDonald.....	Cascompeque Bay and Inlet, from the 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
	Carried forward.....			1,990 00

SCHEDULE of Fishery Officers in the several Provinces, &c.—*Concluded.*PROVINCE OF PRINCE EDWARD ISLAND—*Concluded.*

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward.....			\$ cts. 1,990 00
	<i>King's County.</i>			
Andrew Whelan...	Souris River.....	Souris River.....	Warden...	30 00
Allan McDonald...	North Lake.....	North Lake.....	do ..	30 00
Malcolm Mathewson.....	Grand River.....	Grand River.....	do ..	30 00
	Naufrage River.....	Naufrage River.....	do ..	30 00
Daniel Reilly.....	Montague, from Georgetown Road to Whim Road, and from County Line to the Coast.....	Montague River.....	do ..	30 00
John Lowe.....	Murray Harbour and River, including Lot 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 Roll's Bay.....	Bay Fortune.....	do ..	30 00
Henry Morrow.....	Souris River.....	Souris.....	do ..	30 00
	Total.....			2,440 00

PROVINCE OF BRITISH COLUMBIA.

Alex. C. Anderson	British Columbia.....	Victoria.....	Inspector of Fisheries ..	1,000 00
Geo. Pittendreigh.	do ..	New Westminster.....	Overseer..	500 00
	Total.....			1,500 00

RECAPITULATION.

Samuel Wilmot, Superintendent, Fish-Breeding Establishments in the Dominion.....	2,000 00
Ontario.....	8,545 00
Quebec.....	7,650 00
Nova Scotia.....	11,640 00
New Brunswick.....	9,305 00
Prince Edward Island.....	2,440 00
British Columbia.....	1,500 00
Total.....	43,080 00

No. 2.

NOVA SCOTIA.

ANNUAL REPORT ON THE FISHERIES OF NOVA SCOTIA FOR THE YEAR
1883, BY W. H. ROGERS, ESQ., INSPECTOR.

AMHERST. 31st December, 1883.

Hon. A. W. McLELAN,
Minister of Marine and Fisheries.

SIR,—I have the honour to submit my annual report on the fisheries of Nova Scotia for the year ending 31st December, 1883, together with synopses of the reports of the Overseers in the various fishing districts of this Province and the statistical returns from the various counties, as compiled by these officers; also a general table and recapitulation containing full statements of the several items, quantities and values, comprised in our entire fish crop for the year. I have also prepared comparative tables showing the increase or decrease in each county over the preceding year, as well as a table giving the increase or decrease with reference to each item, which will enable everyone to see what localities and what particular branches of the fisheries have improved or declined during the year.

It is, of course, not to be expected that these figures will show the exact quantities and values of fish taken, as with our limited staff of officers and the means within their reach, this could hardly be possible. Still, I am quite free to say that they are considerably under the actual yield.

I am gratified in being able to report an increase over the year 1882, which amounts to \$557,956; the total value of the year's business being \$7,689,874. This very gratifying increase is, as will be seen by reference to the returns, almost entirely confined to the items of cod and mackerel. The large prices obtained for these fish, and the invigorating effect of the bounty, have led to an addition of 143 schooners, chiefly bankers, to the fishing fleet during the year, giving employment to 1,526 additional men. As a result, many of our fishermen, who have been in the habit of going to the United States to man American vessels, stay at home, and find that they can do much better, as they not only save their travelling expenses to and from the States, but they have the bounty also, while their outfits can be obtained much cheaper here. These encouragements, together with the fact that large additions are being made to our fishing fleet, which will give employment to increased numbers of fishermen, will be likely to prevent the usual exodus of our fishermen to the States in the spring, and hence a large increase in the crop may, with confidence, be expected during the year 1884. Never in the history of this Province, was this branch of our industry so prosperous or those engaged in it so happy, comfortable and contented; never did the future look so hopefully bright.

SALMON.

The catch of these fish during the season was about the same as that of the previous year. As the late overseer, W. Anderson, of East Halifax, by an oversight which was not noticed until the report was printed, made a mistake by writing 49,950 lbs. of smoked salmon for 950 lbs., the deduction of this error—49,000 lbs.—from

last year's return, would give us about the same quantity for each year. This is an increase of over 100 per cent. each year over 1881. The total catch of salmon in this Province was, in the year:—

1880.....	333,550 lbs.
1881.....	279,943 “
1882.....	580,061 “
1883, after correction.....	575,940 “

Thus showing a very encouraging return, and there is every reason to expect a still larger increase next season, as the catch this year would have been much larger, had it not been that, during the spring months, the freshets were unusually high, thus interfering with net fishing, and later in the season, heavy gales destroyed many of the nets along the coast. As will be seen by reading the Overseers' reports, the rivers and estuaries were well filled with parent fish during the fall months, on their way up to their spawning beds, and there are now so many of the principal streams opened for their easy ascent, by means of the new fishways, that we may, in the ordinary course of things, 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 their entering the rivers in March and April, command such prices as \$1.00 a pound, and sometimes more. There are several fine rivers, with extensive inland lakes and runs in each of these counties, where salmon could be bred to an almost unlimited extent, and become a large source of wealth to the country. As these counties do not receive their share of profit from the expenditure of public monies in railway and other enterprises, it would seem that they should receive such aid in other directions as are best calculated to improve and develop their material resources, and I am quite sure that no expenditure could be made which would render so certain, so large, or so profitable returns for the outlay. As to the continued decline of the salmon fisheries of North America during the past few years, up to 1881, I think that, with the yield of 1882 and 1883 before us, we may fairly conclude that the bottom has been reached, and as it has been with the alewife, herring and other branches of the fisheries, the increase of the past two years will prove to be but the beginning of a continued and gradual increase for some time to come, and that the prognostications of utter annihilation indulged in by certain people during the past, will prove to have been not well founded. It is very natural, when any branch of the fisheries falls short in any locality, for those interested to point to some local cause and even to local abuses for an explanation of the decline, but when (as was the case with the salmon and alewife fisheries during several years past), this decline is universal all along the Atlantic coast, there must be some general cause, a movement of the fish off the coast, which can only be temporary, and which will right itself in a few years at most. I can remember of such fluctuations in the alewife fishery, as well as in other branches of the fisheries.

ALEWIVES.

This branch of the fisheries shows a still further falling off from the yield of 1881. Still the catch is in excess of the average of the twelve year previous. This average was 10,675 bbls., so that the catch of the present year, being 18,346 bbls., is over 80 per cent. increase on such average, but this year's catch would have been greater had it not been for the high freshets in the rivers. A large run has, however, reached the lakes and will, therefore, tell favourably upon the future yield. Alewives are a much more important fish than the quantity entering into commerce would indicate; they run into the harbours and rivers early in the spring and are followed into the bays and along the coast by cod. They also furnish bait for the fishermen before they can get any other. Their young descend the rivers and brooks, during

the the month of September, in large numbers, and thus attract the mackrel and other larger fish into the bays. My new fishway is particularly well adapted for allowing these fish to pass over mill dams, as the flow of water going through it is so slow and smooth that they can, though much weaker than the salmon, pass up quite easy. As a result, I expect a largely increased run of these fish on the Liverpool River next spring, one of these ladders having been in operation there for four years. The following is the yield of from 1876 to 1883:—

	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

These figures effectually dispose of the prediction of some people, who were intent upon enlightening the public on this subject during the years 1876, 1877 and 1878, when the yield was so small, and confirm the doctrine which I always maintained; and I entertain no doubt but the present yield will be largely excelled in the immediate future.

SHAD.

The shad fishery still continues to decline, the catch of the past season aggregating only 3,442 bbls., against 6,456 bbls. for the year before, and being but a little over one-third the usual crop. This is no proof, however, that the fishery is being destroyed, the same thing having occurred in all fisheries. As shad do not spawn in or ascend our rivers, but in those further south, and as the Americans are cultivating them artificially to a large extent, we may, with confidence, look for a large increase very soon—probably like the alewives fishery, a much larger yield than ever before. I feel quite satisfied that a year or two more will be sufficient to prove this point. I am aware that Inspector Venning contends that these fish spawn in our rivers. I am not quite sure what quantity ascend the St. John River, but it cannot be large. They do not ascend the rivers of our Province to any extent, and the few that do so go up with the alewives early in the spring, on the coast and estuaries of the Bay of Fundy, early in May, while the shad fishery does not commence until the 15th or 20th of June, continuing through August into September. On account of the scarcity of these fish, they sold in Boston as high as \$15 per bbl. during the past season.

HERRING.

With reference to this fishery, it will be remembered that fishermen complained that the bait used in lobster traps so contaminated the water that herring were deserting their usual haunts and spawning places, and that the fishery would soon be utterly ruined. Our returns, however, show that the average catch per annum, from 1869 to 1879, was 147,105 bbls., while during the four years from 1880 to 1883, the average catch was 183,443 bbls., or an annual increase of 36,338 barrels over the former period. This does not seem to indicate any evidence of the exhaustion or ruin of the fishery.

DIGBY CHICKENS.

This fishery, too, contrary to confident predictions, is showing unmistakable evidences of increased production and vitality. The average crop for the eleven years, from 1869 to 1879, was 28,000 boxes. During much of this period, sawdust was proclaimed the great enemy of this fishery. From 1880 to 1883, the yield was 92,893

boxes per annum, or over 300 per cent. over the average of the eleven years preceding. As these fish attracted much attention at the great International Fisheries Exhibition, and a larger demand may be looked for them, it is to be hoped they may continue to show an increase. The fishermen should themselves take every care in their modes of fishing, so as not to destroy too many of the young. If such care is taken I have no doubt that, at least, a decline may be prevented.

COD.

The cod fishery shows a large increase during the past year; the catch exceeding that of 1882 by no less than 110,041 quintals. The entire cod family yielded an average during the eleven years from 1869 to 1879, of 623,605 quintals, and during the four years from 1880 to 1883, 910,481 quintals per annum, or an average annual increase for the latter period over the former of 286,876 quintals, being equal to 45 per cent., and I think from the increased enterprise, stimulated largely by the bounty, we shall be able to report a much larger increase for the year 1884. Much complaint continues to be made by the shore fishermen against trawl fishing; but a law preventing this mode of fishing, if desirable, would be more difficult to enforce, and if prevented within the three mile limit, would still be practised outside, and thus continue to destroy the mother fish, as contended by some fishermen. An extensive market has been opened up in the Western States recently, and has proved quite remunerative. The method of curing is somewhat different from that ordinarily used. Our Yarmouth and other western fish dealers pay particular attention to this trade.

MACKEREL.

These fish are so uncertain in their movements that it is almost impossible to establish any theory regarding them. I have no doubt, however, that they move, principally, in search of food. The best thing that can be done, therefore, is to attract them into the bays and estuaries by keeping the streams well supplied with river fish, the young of which the mackerel devour eagerly. I do not think that the supply of mackerel can be appreciably reduced by all that may be taken for human food. Their natural enemies devour, probably, a thousand to every one that is caught, and the same, I think, is true of most all our coast and deep sea-fish. The following table, giving the catch of mackerel in Nova Scotia, during the past fifteen years, will show how suddenly they seem to increase or decrease, from year to year, and may furnish useful data to aid in eventually fixing upon some theory as to the cause of their migratory movements:—

1869	46,575 bbls.
1870	85,254 "
1871	228,152 "
1872	115,631 "
1873	141,005 "
1874	122,250 "
1875	91,232 "
1876	70,964 "
1877	113,638 "
1878	129,698 "
1879	101,559 "
1880	126,432 "
1881	63,373 "
1882	73,702 "
1883	88,608 "

Trap nets, which are now extensively used in Yarmouth, Shelburne, Queen's and Lunenburg, are found to be both an effective and economical mode of fishing, as much time is saved, which was formerly wasted, in watching the fish, in order to seine

them; the trap being always ready when the fish come, day or night, in rough weather or fine. By the old method of seining, schools of fish would come and go again without being noticed, and hence the fishing was rendered both expensive and uncertain. As in all such improvements, there has been, and still exists, considerable opposition among the fishermen to such innovations, and the adoption of the improvement is therefore rendered somewhat slow. The recent boom in the fishing industry will aid, however, in bearing down these antiquated notions, and bringing into use new and more expeditious methods and appliances for capturing as well as curing and marketing the products of our extensive and rapidly increasing fish farm.

LOBSTERS.

As will be seen by the accompanying table, this fishery, if judged by its annual yield, shows no signs of exhaustion. There are, nevertheless, many evidences that the natural source of supply is being overtaxed, and I fear a few years more will bring to view unmistakable proof of an exhaustion which will be alarming. On those portions of the coast where factories have existed for any length of time, the lobsters are much smaller than formerly—a sure evidence that the locality is being over-fished; and such is the state of matters now on a very large extent of coast. It would therefore, in my opinion, be a serious mistake to curtail the close season by a single day. If any change is to be made, I would recommend that a uniform close season be fixed from the 20th July to the end of August or 10th September, as during this period many lobsters are shedding their shells, while all are really unfit for food and ought not to be put on the market. These six or seven weeks would, I think, about cover the period in which the fish are in the state referred to on all parts of the coast, and would enable the packers to do considerable business during the fall months. Still, they appear generally to be satisfied with the present law, and most of them obey it faithfully. I detected two violations last summer, both of a pretty serious nature. One occurred in Yarmouth, and the other in Victoria, C.B. The one in the former place being the lighter offence, I fined the concern \$100; while the latter was fined \$200. The Overseer who permitted this violation to go on without enforcing the law was dismissed. I have no doubt these fines will have a salutary effect on the future actions of packers. Quite an extensive trade has recently sprung up in Yarmouth and Shelburne by shipping live lobsters to the United States in smacks built expressly for that purpose. As only the larger class of lobsters are used, it cannot, I think, affect the supply so adversely as the canning business, while the fishermen get much better prices than canners can afford to pay. There is, on this very account, naturally considerable opposition to this business on the part of the canners.

The number of cans put up in this Province since the year 1869, are as follows:—

1869.....	38,000	cans.
1870.....	553,000	“
1871.....	905,500	“
1872.....	2,422,058	“
1873.....	3,462,298	“
1874.....	5,612,545	“
1875.....	4,524,122	“
1876.....	3,348,720	“
1877.....	4,982,026	“
1878.....	5,574,092	“
1879.....	3,182,276	“
1880.....	4,082,140	“
1881.....	4,895,692	“
1882.....	4,965,477	“
1883.....	4,870,339	“

In addition to the above, there have been several thousand tons shipped alive from Yarmouth and Shelburne to the United States during the past two or three years—a profitable trade likely to increase in the future. The lobster is one of the most important items in our fisheries, and will become more and more so. Hence, every means should be adopted not only to facilitate the business but to protect the “raw material” from exhaustion. To this end, a rigid enforcement of an ample close season is indispensable, together with the protection of the female and small lobster.

BASS.

It is altogether probable that this fishing will increase in importance and productivity, as valuable grounds have just been discovered at Tidnish, in the County of Cumberland, where some fifteen or twenty tons of fish were caught in a few days. It is quite likely that further developments will be made in the harbours further east, along the coast towards Pictou. More or less have been taken in the harbours on this coast during the summer, for many years past, but no effort has yet been made to take them in winter, through the ice. This Tidnish find will, however, stimulate enterprise in this direction.

SMELT.

The smelt fishery is rapidly coming into importance. The same laws and regulations now in force in New Brunswick will have to be enacted for this Province, in order to properly protect and develop this fishery.

TROUT.

These fish are also rapidly increasing in many of our streams. With improved fishways, allowing them to reach their spawning beds, they will rapidly multiply in our extensive inland waters.

EELS.

Eels are plentiful all around our coasts and becoming more productive and of greater importance. If they were properly prepared, a market might be opened for them in Germany and other continental countries.

FISHWAYS.

During the past year five new fishways were built and an old one rebuilt on the new model. I hope to have a large number put in the principal dams next summer. As the season during which they can advantageously be put in is short, it is difficult to construct many in each year, but as there are now several men available who understand their construction, I hope to have fifteen or twenty built during the coming summer. They should be put in all the dams in the Dominion as rapidly as possible. No part of our work is so important, nor will anything that can be done so readily and effectually dispose of the sawdust question as the free passage of fish through all dams. This being accomplished, we will have practical proof as to how much sawdust impedes either the ascent of the fish or their increase thereafter.

GENERAL REMARKS..

The following synopses of the Overseers' annual reports will be found interesting, and much information of a practical nature and great value will be derived therefrom. Many of these officers take a great interest in their duties, and are vigilant in the enforcement of the laws, and I can in justice, both to them and to the public interest, say that both would be materially benefited were their pay increased. Men cannot be expected to devote the whole of their time to public interests with sufficient diligence and effectiveness when the pay is so small. The annual improvement observable in the inland fishery will, I think, fully warrant a more liberal expenditure in this branch of the public service.

There are some abuses practised in certain branches of the fisheries, which can and ought to be remedied. One of these is the practice indulged in, on some parts of the coast, of leaving herring and mackerel nets set during the day time. Much injury is done by this slovenly practice, and I would recommend that the prayer of the petitioners from Yarmouth and Shelburne Counties be granted, and that a regulation be made, compelling all herring nets to be raised before seven o'clock a.m., and not to be set again until four o'clock p.m., in these two Counties. These will show whether the observance and enforcement of such a regulation in the above named Counties justifies its adoption all along the coast. Information on this point, was asked from the Overseers a year or two ago, and the general opinion seemed then to prevail that such a law could not, in some cases, be either successfully enforced or voluntarily observed without very much loss of time, and that it could not be observed at all in stormy weather. I am, however, of opinion, that on certain parts of the coast, such a law is necessary and would be generally observed with great advantage to the fishermen themselves, particularly so in the neighbourhood of fish-traps.

The satisfactory results of the great Intercolonial Fisheries Exhibition, as far as Canada is concerned, must be particularly gratifying, and there can be no doubt that it will exert much influence toward a still further development of our valuable fish farm.

I have the honour to be, Sir,

Your obedient servant,

W. H. ROGERS,

Inspector of Fisheries.

SYNOPSIS OF FISHERY OVERSEERS' REPORTS.

ANNAPOLIS COUNTY.

Overseer W. T. Carty, of Tupperville, reports that the catch of fish in Annapolis County for the present season is about the same as that of last. Herring did not visit all places at the same time, so that fishermen were led to unite their interests. There has been very little fishing in the Annapolis River. Mr. Carty could get no estimate of any salmon taken at Round Hill, although there were plenty in the brooks last spring. As there is good fishway on this stream, which is also one of the most shamefully poached in the Province, he would recommend that a night watchman be stationed at or near the mills or fishway during the period when the fish go up, otherwise, Round Hill stream will never properly be protected. The salmon do not attempt to go up in the day time, but lie below the dam until night, when they would at once go up, if not prevented by poachers.

ANTIGONISH COUNTY.

Overseer John McDonald, of Doctor's Brook, reports that although his returns show a larger total value of fish than those of previous years, yet that every kind of fish, excepting hake, had not been so scarce for many years past. The bounty given

by the Government had the happy effect of making fishermen more persevering. The demand was greater than usual, and the prices better. The lobster fishing business on the north and west side of Cape George nearly proved a failure during the past season. The new factory at Malignant Cove opened with good prospects, after much outlay of money and labour, but the owners were much disappointed in the catch of fish, while to further their misfortune, the factory was burnt at the close of the season. Another one, however, is now in course of erection. Of the many complaints of violations of the laws made during the season, nearly all proved groundless. One party was fined, and an illegally set net was seized.

CAPE BRETON COUNTY.

Overseer Francis Quinan, of Sydney, reports that the catch of salmon has been smaller than in any other year since his appointment. The fishermen have theories of their own to explain the falling off, but they do not seem at all satisfactory. It may be worthy of note however, that in August the fish were seen ascending the rivers to spawn, in larger numbers than usual. Herring also have been scarce, but mackerel have been rather more plentiful. More codfish have been taken by the resident fishermen this year, than last, but in addition to those, many persons from the country were allured by the high prices of the year before, and also by the bounty. There are now on the coast two establishments which take the fish from them, directly from their boats, at fair prices, thus saving further trouble. No one seems to prize alewives very highly, so that they are now having abundant time to multiply. Capelins appear to be coming into favour. Several barrels were taken in his district, not only for bait but also for food. On the whole, the result of the fishing season is very good. Had salmon and herring shown a fair average, the season's business would have been exceptionally good. A great quantity of the fish now caught at Mira Bay, and elsewhere along our coast, is carried off to other parts of the Province. Of the amount of their catch, he has no account to give, presuming that it will be reported at the ports where the vessels belong.

Overseer Alexander McDonald, of East Bay, reports a large decrease in the catch of herring and codfish. The best herring fishing stations in his district are Mira Bay, Main-à-Dieu, and Scatterie. At these stations this fishery was a failure in comparison with other years. The fishermen were fully equipped for a good voyage, but were disappointed, as the fish did not enter the Bay. The decrease in the catch of codfish, was not owing to their scarcity, but to the loss of gear in the gale of 29th August. Before the necessary repairs could be made, most of the best fishing was over. There is an increase in the catch of mackerel. There were not as many engaged in the salmon fishery as usual. The salmon were much more numerous in approaching their spawning beds. The lobster factory at Gabarus was in operation, but not on a very large scale. Another factory will be in operation at Main-à-Dieu next season. Mr. McDonald has no violations of the law to report.

Overseer York Barrington, of Sydney Mines, reports a greater catch of cod in his district than for many years. Herring were very scarce, but great quantities of mackerel were taken off the coast by American and Nova Scotia vessels, chiefly by use of seines. There are no vessels engaged in that fishing in his district, so there were but few taken. Salmon were very scarce, all being sold fresh and consumed at home.

COLCHESTER COUNTY.

Overseer Henry Blair, reports that fish have been very scarce in the Bay of Fundy. Some of the boats fished only part of time. There were some fine runs of salmon in the North and Salmon rivers during October and November. The only trouble in the way of violations of the law is with mill refuse. There are no fishways in this district, although they are very much needed at McMullin's mill, and up the Salmon River.

Overseer Henderson Gass, of Tatamagouche, reports that the run of salmon has been about the same as in previous years. There were no fines imposed, but he took possession of illegally set nets, for which he could find no owners.

Overseer J. W. Davison, of Little Bass River, reports a large decrease in the catch of shad, as compared with that of the three years previous. There is nothing remarkable in the fact, however, as it is quite common for the fishermen to be well rewarded for their labours for a number of years, and then for a time to have small remuneration, after a season of great expense and toil. The wind was very unfavourable all through the period for shad fishing. The shad were of a very good quality, however, and the fishermen realized high prices, those sent to the United States selling at about \$15 a barrel. Mr. Davison says the catch of salmon in the Bay exceeded that of any year since he has held office, although owing to the failure of the shad fishery, the business was not prosecuted so vigorously as usual. It was a very noticeable fact that those taken were much larger than they ordinarily are. The decrease in the catch of cod is owing to the fact that this fishery was not followed up as much as last year. Taking the whole season's business into consideration, the fishermen were very well paid for their labour.

DIGBY COUNTY.

Overseer Wm. B. Hanley, of Digby, states that the decrease in the catch in Digby county is owing to the fact that last year, an American company purchased large quantities of fish from the Westport fishermen, while this season the amount was very much less. The cause of the great falling-off in shad does not seem to be known. The herring catch in Digby Basin was very large, there about twice the usual quantity smoked. Mr. Hanley visited Salmon River, where he found the fishway in a splendid state, it having been thoroughly repaired in the spring. He was informed that both salmon and alewives were seen ascending it. The regulations have been generally well observed, and all disputes were settled without litigation.

GUYSBORO' COUNTY.

Overseer James A. Tory reports that the season's business has been the best for several years past, being in excess of last year to the extent of \$73,878. This increase is attributable to several causes—the large and profitable catch of mackerel, the fleet of bank fishermen, and the bounty. The latter has had the good effect of stimulating the fishermen to keep more closely to their occupation, and has led to the employment of more men, many of those who had gone to the United States coming back, and prosecuting their business more profitably at home. The returns show the increase in the numbers of men employed, and also in the number and value of vessels. The bank fleet, although yet small, bids fair to become of no small importance. Mr. Tory states that he finds the lobster canning establishments too careless in regard to the size of the lobsters taken. He fears that the result will be the total annihilation of the lobster fishery. He therefore would urge a more stringent watch upon so valuable a fishery. The bank fishery has become of such importance, that the matter of bait to supply the vessels engaged in it, has become of serious importance. The great demand for bait has led the shore fishermen to adopt a mode of setting their nets and seines in such a manner that they are, to all intents and purposes, traps, the use of which, without license, is prohibited by law. The parties being

unable to pay for a license, the enforcement of the law will prevent this mode of fishing, which is very injurious to those people as well as ruinous to the "bankers." Mr. Tory would, therefore, recommend that some legislation in reference to this matter be made to meet the emergency.

The river or fresh water fisheries are of small importance in comparison with the shore and bank. In connection with the former, he has no complaint to make. A large freshet both in the spring and autumn, enabled the fish to ascend all the rivers unmolested.

Overseer Allan McQuarrie, of Sherbrooke, reports a large increase in the catch of herring, mackerel, cod and salmon. He attributes the increase mainly to the bounty of the past year. Many of our fishermen, he says, have been happily disappointed in the faithfulness with which the Government fulfilled their promise relative to the payment of the bounty. Numbers of them were fearful, indeed of little faith, inasmuch that many did not even think it worth while to trouble themselves, or even file their claims. But now, the scales have fallen from their eyes, and they are satisfied that their rights have been faithfully and honestly conceded them, and this year they have put forth renewed energy, and are preparing to prosecute their arduous occupation in the future with yet more vigour and enterprise. Mr. McQuarrie calls attention to the accumulation of saw-dust on the flats of the Liscombe River, and also to the dilapidated condition of many of the fish-ways on the streams. For several weeks the beach at Indian Harbour has been entirely shut up, and fish can neither get up or down. He thinks the trifling sum petitioned for, should readily be granted to keep open so important a stream. The want of wardens on the shore from Isaac's Harbour to the Halifax county line is strongly felt. The salmon trout fishery in this district is well worthy the protection of vigilant wardens. Mr. McQuarrie complains also of the obstructions on Country Harbour river, which afford poachers the greatest facility for capturing all the fish that attempt to pass up. The sum of \$30 or \$40 would be sufficient to clear them out. Poaching still exists to some extent, especially in the form of sweeping for salmon, shad, and, in fact, all varieties of fish.

HALIFAX COUNTY.

Overseer John Fitzgerald, of Portuguese Cove, reports an increase in the catch of his district of about \$5,000. Mackerel and cod were plentiful, hake were very scarce while the catch of salmon and alewives was about the same as last year. The regulations regarding the close time for lobsters give satisfaction to both fishermen and packers. The fishways in the Hubbard and Indian rivers, put in by the Inspector are all that can be desired. During the year three persons were fined for putting saw-dust in the Sackville river, and one for violating the regulation in regard to seines.

Overseer Isaac Gaetz, of Musquodoboit Harbour, reports that since his appointment he has been endeavouring to make himself thoroughly acquainted with his district and the duties of his office. He has in his charge 100 miles of coast indented with twenty estuaries extending from five to fifteen miles inland, for the most part settled with fishermen on both sides. Most of them make good harbours for vessels, the others furnishing ample facilities for boat fishing. It has thus far been his object to get acquainted with as many of the fishermen as possible, and to endeavour to show them that the laws have been framed in their interest, and that it is wisdom on their part to respect them. He finds that most of the wardens are faithful in their duties, but that others need a good deal of pushing. Offenders have been cautioned that in the future, he would not be disposed to be at all lenient in the discharge of his duties. In many districts poaching has been reduced to a minimum. The work of collecting Statistics he finds the most arduous, owing principally to the fact, that fishermen live very commonly in almost inaccessible localities. The fishermen are unanimous in the opinion that the season just closed has been about the worst in their experience, for prosecuting their work in small boats. The season has been exceptionally rough, and to this fact may be attributed the falling off in the catch of fish in most districts along the shore. Salmon fishing is carried on only to a limited

extent in this district. These fish are doubtless very scarce in comparison with what they used to be. Several men at the Sheet and Musquodoboit Harbours, who some twenty years ago used to catch from 300 to 400 salmon, now report from forty to forty-five. The overseer believes that the greater number of salmon take the rivers during the close season.

Mackerel made their appearance in great quantities this fall, but owing to easterly winds prevailing, very few were caught. Herring were abundant, and as they commanded a good price, they made up what otherwise would have been a poor season. The catch of codfish was light, considering the number of vessels, boats, and men employed, owing, probably to the prevalence of rough weather. Haddock, haxe and halibut, also seemed scarce. The catch of alewives was exceedingly light. Mr. Gaetz thinks that this may be accounted for by the fact, that the rivers were very high, and that the fish escaped the nets. He was led to this opinion knowing that the young ones were seen coming down the river in great abundance. The theory of fishermen is that the ice blockade last year drove them in shore. Sea-trout seemed to be more plentiful than for some years before. It is difficult to get an accurate account of the quantity caught, as very few are marketed. The smelt and eel fishery is becoming quite important in parts of the district. Large quantities are taken to Halifax every winter. The lobster fishery is by far the most important branch in some parts of the county. Between Ecum Secum and Beaver Harbour there were three packing establishments in operation. At some of the factories the quantity packed is much less than that of former years, chiefly owing to the fact, that the European market was dull, and that the prices offered by packers were so small that the fishermen did not consider it worth their while to fish. So far as the overseer can learn from the fishermen, the lobsters are by no means exhausted in quantity or greatly reduced in size. Fishermen and packers all agree that the close season as at present existing, is a wise provision, but the fishermen are very much opposed to the nine-inch gauge. The overseer endeavoured, as far as possible, to have the fishways kept open and as efficient as he can, as at present constructed. He believes the new ladder is the only one that fully answers the purpose for which it is intended.

HANTS COUNTY.

Overseer T. B. O'Brien, of Maitland, reports a decrease of the catch of almost all kinds of fish, with the exception of salmon, which shows an increase over that of the past four years. No herring, cod or haddock were taken, and the catch of shad was very small in comparison with former years. Owing to their scarcity, unusually high prices were obtained. From \$12 to \$14 per bbl. were paid, and even at such prices, the supply was not equal to the demand. Early in the season fishermen became disappointed, and sought other employment. Had it not been for this, the catch would, of course, been much larger. There were more alewives in the Shubenacadie river than for a number of years past, although the catch reported is much smaller, the reason being that at the time the alewives were ascending the water was much deeper than usual, and consequently there was a much better chance for them to ascend without being taken.

INVERNESS COUNTY.

Overseer D. F. McLean, of Port Hood, reports as follows:—

"The return for the Western division of this county shows an increase in the following branches of our fisheries: salmon, mackerel, herring, cod, haddock, halibut, shad, bass, trout, smelt and eels, while there is a small decrease in alewives, oysters and lobsters.

"The total value of the fisheries in the different districts named in the return aggregates \$243,007.25, showing an increase on the whole, over the year 1882, of nearly 60 per cent. Of this amount I have estimated the quantity entered for home consumption, at \$42,850.00. The large increase in the fisheries, over that of last

year, may be attributed to two causes: first, a more vigorous prosecution of the fisheries; secondly, storms that would tend to drive fish off this coast, were less frequent this year than for several years past. The fishing bounty granted by the Government proved a valuable boon to fishermen in this part of Inverness County. It was paid here in the month of May, at a time which assisted the fishermen very materially in repairing their boats, procuring additional fishing gear, and in many other respects. The extra efforts put forth by fishermen to catch the required quantity and serve the necessary time to secure the bounty, proves conclusively that it gives this important industry the desired encouragement. That the Dominion Government have taken a step in the right direction in placing an Act upon the Statute book, securing this money for our fishermen, is an incontrovertible fact.

"This year proved exceptionally good for fishing on the coast. Mackerel and codfish have been taken in abundance up to the first of December. The close season was well observed. As far as poaching is concerned, no violations of the law were reported to me. A few complaints were made in reference to obstructions in rivers. In every instance, I visited the localities and explained the law to the parties charged, who removed such obstructions without further trouble, there being no evidence of intention to violate the fishery laws. Both of the lobster-canning establishments were closed at the latter end of July. I would still recommend that no change be made in the close season. Any further extension of the fishing season will tend to impair this important branch of our fisheries; in fact, further restrictions will, ere long, be necessary, otherwise there will be danger of it being exhausted. I contend that in the majority of cases, lobsters caught in the month of August are unfit for food. In several districts of the Province packers have found it almost impossible to preserve them in cans during that month, owing to their sickly condition. That the present mode of protecting our fisheries has done a great deal of good admits of no doubt, and that the law should be rigorously enforced, is an absolute necessity."

Overseer James Coady, of south-west Margaree, reports an increased catch in his district amounting in value to \$33,000. This large increase is owing, chiefly, to the very large catch of mackerel, codfish and haddock. The small catch of herring was owing to the early appearance of these fish, and the unfavourable weather. Salmon were scarce during the first part of the season, the rivers being unusually low and clear. In September and October there were several fine runs, and the rivers were in a good condition. Salmon were never before so plentiful on their spawning grounds. The value of fish used for home consumption is estimated at \$20,200. The close season was never better observed.

Overseer David Ross, of north-east Margaree, reports a large increase in the catch of cod, owing, in a great measure, to a much more extensive fitting out, and also to the absence of ice at a very early date in the year. The catch of mackerel is unusually large, and the prices realized far above those obtained in other years. The lobster factory at Cheticamp closed about the middle of July, on account of the scarcity of fish. The catch of salmon on the shore was below the average. The spawning grounds on the north east branch of the Margaree River were never better supplied with fish. Two hundred and thirty salmon were taken out of the north-east branch to supply spawn for the Sydney hatchery, but even then the grounds seemed to teem with them. The close season was particularly well observed.

KING'S COUNTY.

Overseer John E. Starr, of Starr's Point, reports a decline in the catch of shad, and herring for smoking. Shad do not appear to have run up the Bay of Fundy this season in their usual numbers. The herring fishery may have been somewhat interfered with by strangers who have visited the harbours of the Bay, and who, it is said, have taken away some 72,000 bbls. of herring, in addition to some line fish. This, of course, provokes considerable complaint, but the only remedy is greater diligence on the part of resident fishermen. Mr. Starr finds all the fishermen quite willing to comply with the regulations of the law.

Overseer Ruben F. Reid, of Wolfville, reports an almost total failure in the catch of alewives, and a large falling off in the catch of salmon. He still recommends some improvements in the fish-pass at White Rock Mills. Young alewives have gone down the river to the sea in considerable numbers. The same thing occurred three years ago, and it is reasonable to expect that a much larger quantity of fish will return to the Gaspereaux next spring, than for many years past.

LUNENBURG COUNTY.

Overseer Geo. W. Redden, of Chester, reports a large increase in the catch of salmon, owing, principally to the Department re-stocking the rivers. There is also an increase in the catch of alewives, but a marked decrease in that of mackerel. Herring were very plentiful, while cod and the other varieties were about the average. The prices of all fish being high, the fishermen will be comfortably provided for. There is a great necessity for the removal of obstructions on Larder's and Upper Gold Rivers and at East River Falls. The laws have been well observed, with but few exceptions.

Overseer C. E. Goddard, of Bridgewater, says that salmon entered the La Have River early this year. The first were taken on the 25th of April, below Davison's mill. It was not until the 14th of June that any were seen at the second mill, a day or two after which they were seen passing up Cook's dam. The run of last spring was the largest seen for many seasons, about 200 being taken from the mouth of the river to Davison's lower dam. A fisherman remarked that it was several years since it was thought of any use to set a net. The quantity of alewives is diminishing annually, a fact to be regretted, as they are what the inhabitants crave for, being actually the poor man's fish. A few shad are occasionally seen, seeking in vain for their spawning grounds. The past season's experience has verified Mr. Goddard's formerly expressed opinion, that the ladders in Davison's dam, running as they do so far below the dams, are comparatively useless as a passage for fish. The constant flow of waste water, the run below, proceeding from the mill while sawing, and the light from the burning slabs, attract the fish to that side of the river, and they remain there in large numbers in deep holes, while not any are to be found on the side where the ladders are. He found the fishway in Cook's mill entirely destroyed, and was informed that a rock detached from the railway track had smashed in the top and buckets, while the rest was carried off by a freshet. He concluded it was best merely to clean out the passage, until it was determined whether a ladder, on the new model, should be built in its place. The locality is not the best that could be selected, as it is a place where a ladder is very likely to be destroyed, or damaged by ice and logs. As soon as the salmon struck in, Mr. Goddard visited the mills and notified the owners keep a passage open for fish. The general reply was "get them over Davison's dams, and we will see that they get over ours." He again visited the mills while the salmon were passing up, and saw that passages were open. On receiving information that some persons were netting fish in Sherbrooke Lake, he proceeded there, and found that two persons were encamped there and that they had been catching togue and large trout in nets. The men made their escape into the woods, and at the time he was not able to find out their names. He has since obtained that of one, and has issued a summons against him. The fine fishing of the lake has been nearly destroyed by nets set in the spawning seasons. The quantity of sawdust and rubbish put into the river from the mills is injurious both to the fisheries and to navigation. The owners of the mills have been notified to cease. Eight men were arrested for poaching, but as they were unable to pay fines, they were allowed to go, promising not to do so again. Only a few nights afterwards, one of them was found poaching again, but he has not been seen since.

Overseer H. S. Jost, of the Western Division, reports the total loss of two bankers and one of the north bay vessels with nearly all their crews, and also the partial loss of gear and materials in other cases. There is an increase in the value of the fisheries in his district the present season over that of last year, of more than a quarter million of dollars, owing largely to the fact that a greater number of vessels have been employed

there being about forty new ones added to the fleet. The shore fishery has not been very productive. Mackerel have been very scarce, and no line fishing seems to have been remunerative. There is not much done in the lobster canning business in this district. If the new business of supplying the United States with live lobsters from the shores of Nova Scotia, by the employment of smacks for carrying them, increases, the lobster fishery and canning business will soon be of the past, and the shores of Nova Scotia will soon be as those of Maine and Massachusetts. As it now is, we hear of many factories being closed in consequence of the poorness of the business. But few salmon are now reported. Petite Rivière still has a few, but the La Have has been about exhausted. The large mill dams running directly across the river, from side to side, appear to be altogether too much for the salmon.

PICTOU COUNTY.

Overseer D. G. McDonald, of Lismore, reports that salmon were scarcer this season than last. Other deep-sea fish were, however, more plentiful than usual. Those who wish to prosecute deep-sea fishing extensively find better fishing grounds in the neighbouring County of Antigonish, and in the summer such persons generally go there. The higher prices paid for salmon made up fully the deficiency in the catch. Mr. McDonald does not think it probable that the price of salmon will ever again be so low as in years previous to 1882. The brisk state of general trade, the consumption by the various collieries, the increasing demands from other countries, would fully account for the higher prices, but the custom of freezing fish for export to Europe, which is yearly becoming more general, will doubtless bring permanent results. The salmon season is short, the supply of fish never so abundant as that of herring, mackerel, or cod, the fishing grounds comparatively small, hence a continued market for more salmon than will ever be offered for sale is evidently awaiting the fishermen. It is worthy of note, that though there was a deficiency during the summer, yet at the spawning time more fish than usual are known to have ascended the fresh-water streams. They have been seen in Mill Brook for the first time in about forty years. It will be easily understood why the canning of salmon has ceased to be carried on in so many places—refrigerator, preserve the fish at less expense. Lobsters, however, were caught and earned at each of the three establishments on Pictou Island. On the opposite mainland coast, two establishments, which had done some work in previous years, were closed. The scarcity of lobsters along the mainland, while they are plentiful at Pictou Island, some 10 miles distant seems to be perfectly unaccountable. Poaching is, no doubt, practised to a small extent, though with great caution and secrecy. One night in October, a whole gang of persons, masked and otherwise disguised, appeared at Barney's River with torches, spears and other appliances. The Warden was unable to identify the parties, and although a careful investigation was held, Mr. McDonald failed to discover grounds for a conviction. He thinks it would be advisable, in order utterly to abolish the few remnants of poaching still found, to pay Wardens by the night and make it obligatory that they watch the whole of every night of the poaching season. This would add little or nothing to the expense, and would doubtless be more effectual.

QUEEN'S COUNTY

Overseer John Fitzgerald reports another increase in the catch of salmon. The fact that much of the increase was at the upper waters of the river, proves that there have been but few obstructions in the river during the fishing season. Large numbers of salmon have also been seen at the different spawning grounds. He has taken great pains to prevent any interference with the fish at or near the spawning places, during the close season. There has been an increase of about 500 barrels in the catch of alewives, all of which were caught at the upper part of the river. Smelt were also more plentiful. Sea-trout are also commencing to visit the river, after an absence of many years. The Wood Pulp Company has this year built two dams on Melega Lake, on one of the largest feeders of the river. Mr. Fitzgerald made several visits to the dam, while in the course of construction, and is pleased to be able to state

that there are efficient fish-passes in both dams: The officials of the Company have always shown a desire to do all in their power for the preservation of the fisheries. In proof of this, Mr. Fitzgerald refers to the fact that, though they have developed one of the best water powers in the Province, the fish have increased since they have begun operations, and also that when it was brought to their notice that the fish pass in one of the dams was imperfect, they cheerfully, though at considerable expense and trouble, remedied the defect.

RICHMOND COUNTY.

Overseer D. Cameron, of St. Peter's, reports a better catch of cod than last year; the increase being 1,206 quintals. The catch of mackerel is also greater than that of last year, there being an increase of 1,367 bbls. There is a decrease of 1,241 bbls. of herring, and also a decrease of 73,000 cans of lobsters, the latter due to the closing of the factory at St. Peter's Island. Fishermen seem well satisfied with the yield, and they procured fair prices for their fish. This, with the aid of the bounty, places them in good circumstances for the year.

Overseer Francis Marneau, of Arichat, reports an increase in the catch of cod, haddock, herring and mackerel. He attributes the increase to the encouragement the fishermen received from the high prices of the previous year.

SHELburne COUNTY.

Overseer W. J. McGill, of Shelburne, says that eight new vessels have been added to the fishing fleet, all of which are larger and of a better class than those commonly in use. The vessels engaged in bank fishing returned with average fares, showing an increase, however, of 22,199 quintals. Dry fish did not command so high a price as the year before, and consequently the business has not been so remunerative. There is an increase of 956 bbls. of herring. These fish are in good demand, and prices have ruled high, thus making the business a profitable one. Trap fishing for mackerel has been a success. The small deficiency is attributable to the failure in net fishing. Lobsters were about as plentiful as in former years. The large decrease in the number of cans is due to the fact that a great many were sold in the shell to American smacks, for the Boston market. This business will probably be prosecuted more extensively next season, as quite a number of smacks are expected to run between Shelburne and Boston. There is one of 70 feet keel, now in course of construction, to be launched next spring. As smacks pay a much larger price for lobsters than the packers, they will certainly have a damaging effect on the factories. There is no improvement in the alwive fishing, owing largely to the want of proper fishways. Mr. McGill is, however, pleased to note improvements in this matter. The fishway on Roseway River has been completed, at a cost to the mill-owners of about \$200. Quite a number of fall salmon were seen passing it. That at Clyde River continues satisfactory. If the new one built in the Stewart, Freeman & Co.'s dam at Jordan River proves as satisfactory as the one on the Clyde, it will supply a long felt want. Mr. McGill, in closing, says: "As our rivers are now in a better condition for the passage of fish, steps should be taken to stock our fine lakes with young salmon." This is, I consider, a very important matter and should receive due consideration.

VICTORIA COUNTY.

Overseer M. McIntosh, of Aspy Bay, reports that, immediately after receiving his appointment, he began his tour for the collection of statistics. He states that the season's fishing has been remunerative. Cod fishing was especially brisk at Green Cove, Neil's Harbour and New Haven. South Harbour was formerly renowned for oysters; a vast quantity of small ones were seen a few years ago, and they are not in any way molested. On North Harbour River, the best salmon stream in the County, there are two Wardens, but it does not appear that they exert themselves to any great extent. A Warden ought to be appointed for the upper settlement. The Warden for Salmon River, Bay St. Lawrence, is altogether too old for the proper discharge of

his duties. A young man should be appointed in his place. Fishermen were, on the whole, never better off in regard to winter supply than they are this season.

Overseer D. McRae, of Baddeck, reports that during the early part of the season the catch of fish was very large, but that the fall fishery was almost a complete failure. The total catch, consequently, only slightly exceeds that of last year. On the whole, however, the season has been a prosperous one, as the prices obtained for all kinds of fish have been exceptionally high. The rivers have been carefully watched, as heretofore, and one violation of the law was detected and the offender punished. The Indians at the mouth of Middle River, who seem to use their spears in spite of the law cause a great deal of trouble. One of them was captured, and his confinement in gaol for a short time has had a salutary effect on his fellows. Three cases of violation of the law, besides this, are now under consideration, sufficient evidence to identify the parties not being as yet obtained.

YARMOUTH COUNTY.

Overseer Enos Gardner, of Tusket, reports an increase over last year of over \$150,000. The amount used for home consumption was about \$75,000 in value. He continues, as follows: "On account of the high prices obtained last year, large preparations were made for fishing this season, and quite a number of new vessels, well fitted, were added to the fleet, and I am pleased to report that they all made successful trips. Bank fishermen all got full fares, and the shore fishermen, with very few exceptions, made large catches, and, as they sold their fish early, got good prices. The fishermen generally are in a very prosperous condition, and money is plentiful with them. The trapnets for mackerel all got a fair quantity, some of them making large dividends. The trap at Sanford was one day completely filled. It was estimated that there were 2,000 bbls. in it, but, owing to bad judgment in repairing their old netting with new twine, the pressure was so great that it burst, and most of the fish were lost. Had this not happened, the trap would have made a large summer's work, and as it was, a small dividend was made.

"The return of our river fishery for alewives and salmon is much less than last year. Both these fish struck in early, and in large quantities, but owing to the height of the freshet on the river, the fish could not be taken. It is the opinion of the fishermen that quite as many alewives came in the river as last year, but that they could not be caught, for this reason. The salmon, after the first run, were not so plentiful, and I trust there will be a hatchery put on our river to increase this fish, as the price obtained for the early caught salmon is \$1 per lb. in the American market. The price of alewives was also high, they selling readily for \$4.50 per barrel. In the early part of the summer, the water got very low in the rivers, and continued so until October. In fact, it has not been known to be so low for many years. As there were obstructions on the river, and as the young fish could not get down without assistance, I decided to have the obstructions removed, and also to keep a good look-out for parties who are in the habit of putting in eel weirs, which destroy large quantities of young fish. I placed this matter in the hands of John A. Hatfield, Warden, who, with others to assist him, cleared the main river and branches of obstructions, and gave the young fish a good passage. A report of his doings is annexed. Our rivers are now in good order, and I look for a large increase of alewives and salmon, as the young fish came down the rivers in large numbers. I know this from personal observation, and from the information of others who saw them." Mr. Gardner goes on to say that he visited the Argyle River, on 27th September, with Warden Joseph M. White, where they found the water so low that he had to hire a man to clear out the obstructions. Above tidal waters were found eel weirs and flumes, closing the river from side to side. One Capt. Samuel Hobbs admitted that he had put one of them in, and he was fined \$10.

"The new fishway put in at Carleton Mill dam, under the Inspectors direction, has given general satisfaction. All who have spoken of it to me, say they are quite satisfied that it will give the fish a free pass. The work was done in a substantial and

workmanlike manner. There appears to be no doubt in the minds of anyone that the fish-ladder will be a success.

The new industry of shipping live lobsters to the United States was prosecuted with renewed energy and a successful business was done. Lobsters valued here at \$20,000 were shipped by steamers to the United States, being four times as much as last year. Canning factories in consequence found it hard to get lobsters for their business, and the factory at Lower Argyle put up only about one-third the quantity they did last year. I visited the factory at Little River on 28th July, and informed the owner that there would be no extension of time after 1st August. They had a large quantity of lobsters on hand boiled, which were of a very good size but of an inferior quality. Mr. Gardner next refers to McDonnell's factory at Lower Argyle, saying that he gave Mr. McDonnell up to 4th August to clear up the lobster on hand. He was quite surprised that he should continue packing after that, as he has always taken a great interest in the preservation of the fishery, having for years past, advanced the argument that the lobsters should not be taken in July or August, as they were unfit for food.

"The herring fishery," he continues, "has been very good this year, their quality and size being much better than formerly. The reason given by the fishermen for the improvement, is this—when the trap-nets were first put down in the county, large quantities of what they called shack fish were caught. This year very few of that kind of fish were taken, and herring have kept increasing from year to year. This year the fishermen said the coast was alive with them, and that if the trap-nets had been kept down, very large quantities would have been taken. There are large preparations being made for all the fisheries next year, and many fishermen who formerly went to the United States, will stay at home and help to build up a large business here. With the bounty that is given and the market at hand, there is no doubt that our fishing industry will grow larger every year, as it has been growing for several years past. The regulations have been fairly observed, as most of the fishermen see that it is to their advantage."

Warden John A. Hatfield makes the following report to Overseer Gardner:—"On your suggestion, that it would be well to have the Tuskat River and its tributaries, cleared of the obstacles which hinder the free passage of alewives down to the tidal waters, I proceeded with three men and a punt to Kemptville, a distance of sixteen miles, thence went down the main Tuskat River to Coldstream, and found several eel weirs across the main river, which were destroying large quantities of young fish. I removed the weirs and made a free passage for the fish. We then went up Coldstream into Canoe Lake, a distance of four miles, and found an eel weir across said stream, which had in it quite a quantity of dead herring. We destroyed the weir and opened up a free passage, by clearing out stones, &c., at several points. We then went down Main River to Indian Falls, and there hired a team and took the punt through to Bigger's Lake, and cleared out a brook which leads from the lake to Little Fork River—a mile in length—and found a quantity of young fish dead. In the spring when the water is high, the fish ascend in large quantities to this lake, and there spawn. In the summer and fall the brook becomes dry, or almost so, in many places, so that the young fish cannot get down, and consequently die. By clearing out this brook they have ready access from the lake to the river. We then went up Little Fork River to the Bad Falls, and there found a mill dam across the river with its gates all closed, and thousands of young fish above the dam that could not get down—also a quantity of dead fish under the dam. The falls below the dam were filled up with slabs, stones and brush. I cleared the falls of this rubbish, cut a gate through the dam and built a sluice-way, to let the young fish through. We then descended the river and found three eel weirs in Little Fork Falls, which were destroyed. From thence we went up Mispou Branch, and found it all clear. Thence down the Main River, to tidal waters, a distance of about fifteen miles, and found many obstructions to the free passage of fish going either up or down. In my opinion, the few days of labour spent in the foregoing work, were much needed and of great advantage to the increase of the fisheries on this river."

RETURN showing the Number, Quantity and Value of Fishing

DISTRICT.	FISHING MATERIAL.				KINDS									
	Nets.		Weirs.		Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, smoked, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.
	Fathoms.	Value.	No.	Value.										
<i>Annapolis.</i>		\$		\$										
Margaretville and Port George	22540	5170	3	600	...	2620	...	...	...	...	7000	3000	.....	175
Port Lorne and Chute's Cove	10000	5000	.....	.....	.....	.....	.....	.....	.....	.....	3470	.....	.....	375
Phiney and Parker's Cove ..	8750	4375	.....	.....	.....	.....	.....	.....	.....	.....	6830	.....	.....	250
Hudson, Delap, and Gut Station	5000	2500	.....	.....	.....	.....	.....	.....	.....	.....	2000	.....	.....	100
Annapolis Basin .....	.....	.....	8	600	.....	.....	.....	.....	.....	.....	660	12000	.....	100
South Basin	100	75	15	1670	.....	.....	.....	.....	.....	.....	278	19425	.....	1263
Lequill River .....	.....	.....	.....	.....	.....	780	.....	.....	.....	.....	.....	.....	5	.....
Totals	46390	17120	26	3070	...	4400	...	...	...	...	20238	34425	5	2268
<i>Antigonish.</i>														
Arisaig	4500	6000	.....	.....	.....	13500	...	150	...	40	.....	.....	.....	150
Morrisstown	4000	7000	.....	.....	.....	13600	...	200	...	60	.....	.....	10	175
Antigonish	5200	5800	.....	.....	.....	18900	...	120	...	10	.....	.....	.....	12
Tracadie	3100	600	.....	.....	.....	8900	...	300	...	100	.....	.....	15	80
Totals	14800	19400	.....	.....	...	51200	...	770	...	200	.....	.....	25	417

Material, Kinds and Quantities of Fish, &c.—Nova Scotia.

OF FISH.													FISH PRODUCTS.			VALUE.		
Cod Tongues and Sounds, barrels.	Pollock, cwt.	Hake Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Bass, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.	Fish used as bait, barrels.		Fish used as manure, barrels.	\$	cts.
50			400	7000									325		1200		33,074	00
180			500	2000									1000		1000		19,053	75
100			550	4600									850		1100		32,000	00
100			500	5000									700		100		11,330	00
200			600	4000									800		200		9,725	00
1300	6000		1600	20000									3468	2400	500		33,811	45
																	176	00
1910	6000		4150	42000									7143	2400	4200		138,970	20
	1080	520			1000				5000			120000	400	200			26,717	50
	1000	455			1200				4000			55000	370	300			17,388	75
	100	60			2000	4000			7000	100	60		80	8			6,741	00
	200	195				5600			6000	140	210	100000	150	200			24,310	00
	2980	1230			4200	9000			22000	240	270	275000	1000	708			75,127	25

RETURN showing the Number, Quantity and Value of Fishing

DISTRICT.	FISHING MATERIAL.				KINDS									
	Nets.		Weirs.		Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, smoked, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.
	Fathoms.	Value.	No.	Value.										
<i>Cape Breton.</i>		\$		\$										
Marion Bridge to False Bay Beach.....	4,200	1,600	.....	.....	9	800	.....	.....	12	.....	380	.....	31	1,230
False Bay Beach to Long Beach.....	5,400	2,000	.....	.....	.....	100	.....	.....	38	.....	1,460	.....	.....	2,055
Long Beach to Little Glace Bay.....	3,400	1,250	.....	.....	.....	200	.....	.....	26	.....	631	.....	.....	435
Lingan to South Bar.....	2,860	1,100	.....	.....	.....	.....	.....	.....	13	.....	440	.....	.....	340
South Bar to North-West Arm and Point Edward...	5,300	2,100	.....	.....	.....	600	.....	.....	3	.....	475	150	55	290
North of East Bay to Point Aconi.....	920	506	.....	.....	.....	.....	.....	.....	10	.....	150	.....	.....	2,170
Fife's Mill and Little Pond.	120	66	.....	.....	.....	100	.....	.....	.....	.....	50	.....	12	150
Mill Pond.....	80	44	.....	.....	.....	.....	.....	.....	.....	.....	50	.....	.....	400
.....	.....	.....	.....	.....	.....	Home consumption.....				.....	.....	.....	.....	.....
Big Pond.....	160	88	.....	.....	.....	100	.....	.....	.....	.....	100	.....	.....	140
Lloyd's Cove.....	80	44	.....	.....	.....	50	.....	.....	.....	.....	50	.....	.....	80
North Bar.....	200	110	.....	.....	.....	.....	.....	.....	.....	.....	100	.....	.....	200
North-West Arm.....	320	176	.....	.....	.....	.....	.....	.....	.....	.....	100	.....	.....	60
Litche's Creek.....	80	44	.....	.....	.....	.....	.....	.....	.....	.....	50	.....	8	.....
Ball's Bridge.....	160	88	.....	.....	.....	50	.....	.....	.....	.....	50	.....	7	80
Black Brook.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Horn's Mill.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gabarus.....	7,000	3,000	300	210	.....	.....	.....	.....	430	.....	1,740	.....	.....	6,080
Belfry.....	250	150	.....	.....	.....	.....	.....	.....	50	.....	100	.....	.....	500
Kennington Cove.....	260	130	.....	.....	.....	.....	.....	.....	50	.....	270	.....	.....	162
Louisburgh.....	3,200	1,700	.....	.....	2	.....	.....	.....	540	.....	1,600	.....	.....	2,700
Big Loraine.....	5,560	2,780	.....	.....	6	.....	.....	.....	300	.....	1,440	.....	.....	1,960
Little Loraine.....	2,760	1,380	.....	.....	6	.....	.....	.....	180	.....	540	.....	.....	1,000
Baulin.....	950	475	.....	.....	6	.....	.....	.....	140	.....	300	.....	.....	770
Main-à-Dieu and Scatterie..	4,325	1,660	.....	.....	8	.....	.....	.....	450	.....	1,160	.....	.....	3,240
Mira Bay and Chatelone....	4,100	2,050	.....	.....	20	600	.....	.....	348	.....	1,060	.....	.....	2,760
Grand Mira and Lewis.....	600	250	.....	.....	.....	200	.....	.....	.....	.....	250	.....	20	600
East Bay and Big Pond.....	700	350	.....	.....	.....	.....	.....	.....	.....	.....	100	.....	15	150
Totals.....	52,985	23,145	300	210	57	2,800	.....	.....	2,590	.....	12,646	150	149	27,562

Material, Kinds and Quantities of Fish, &c.—Nova Scotia—Continued.

OF FISH.										FISH PRODUCTS.				VALU.			
Cod Tongues and Sounds, barrels	Pollock, cwt.	Hake and Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Basas, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.		Fish Guano, tons.	Fish used as bait, barrels.	Fish used as manure, barrels.
			124	700	1		1,000		1,600	37	9		620	6	108		8,914 53
			420	4,900			400		300	5			1,140	6	207		17,862 75
			35	2,800			200		2,300	19			228	5	31		5,538 45
			25	650			400		800	15			160	15	26		4,036 50
			10				1,600	20	3,400	31			145	4	22		4,410 25
			90	110			500			15	20		543		67		10,899 05
			20	300			150			4			38		5		1,068 20
			15	100			80						100		12		2,040 30
																	6,969 00
			30	100						5			36		4		1,193 40
			10										20		2		600 00
			20										50		6		1,358 50
			10										15		2		701 75
							100			4							274 00
							100			5			13		2		639 45
							280		600								52 80
							300		1,200								90 00
6			300				300		2,000			37,440	2,500		304		45,779 50
													250		30		3,355 50
													180		30		2,988 50
				162	100								1,700		135		26,459 00
				540	300								1,200		99		19,803 00
				490	100		100						560		50		9,374 00
				180	200								400		35		6,599 50
				84	500								1,640		162		26,032 00
				500									1,380		200		21,413 00
				100	600								250		12		4,007 50
					400	5	200		1,000	3			70		6		1,293 00
							100		600	8	10						
6			3,165	11,860	6		5,810	20	13,800	151	39	37,440	13,258	36	1,556		233,729 40

RETURN showing the Number, Quantity and Value of Fishing

DISTRICT.	FISHING MATERIAL.				KINDS									
	Nets.		Weirs.		Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, smoked, lbs.	Salmon, in cans.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring smoked, in boxes	Alewives, barrels.	Cod, cwt.
	Fathoms.	Value.	No.	Value.										
<i>Colchester.</i>														
		\$		\$										
Mass Town	2,800	650			5	5,950								
Debert.....	500	140			2	500								
Little Dyke.....	2,000	480			2	3,801								
Great Village.....	550	150				700								
Great Village Point.....	1,500	220			3	900								
Highland Village.....	1,250	250	1	150	2	2,100								
Portapique.....			1	309										
Five Houses.....	2,000	420	3	700	4	5,150								
Birch Hill.....	950	250	2	600		700								
Bass River.....	2,000	450	1	250	4	3,800								
Little Bass River.....	2,700	640	1	150	2	4,000								
Upper Economy.....	6,300	1,400	4	1,500	5	8,190					15			
Economy Point.....			6	3,000							25			
Central Economy.....	2,000	480	5	2,500		500					20	125		20
Lower Economy.....			3	300							50	250		13
Five Islands.....		200	5	750		260					30			100
Clifton.....	1,050	400				300								1
Black Rock.....	1,100	420				200								10
Princeport.....	900	370				150								5
Lower Stewiacke.....	85	60				1,589								
Forrest Glen.....	25	18				210								
Middle Stewiacke.....	59	36				686								
Stirling.....	150	75									40	50		40
Totals.....	27,910	7,145	32	10,200	29	37,836					180	425	16	172
<i>Cumberland.</i>														
Fort Lawrence.....	134	150												250
Sharp's Creek.....	191	209				500								100
Barrow's Point.....	96	100				100								50
Mlands.....	300	275				70								150
Apple River.....	20	20	1	35	20	490					150			50
Advocate Harbour.....	100	109	1	40		200					160			100
Spencer's Island.....	20	25									120			120
Fraserville.....	30	30	3	100							300			150
Port Greville.....	40	50									50			200
Parraboro'.....			2	75		300					200			150
Two Islands.....			4	150		350					220			60
Tidnish.....	475										85			175
Pugwash and River Philip.....	950					3,000					325			350
Wallace.....	1,300	1,110									100			400
Totals.....	3,659	2,060	11	400	20	4,920		145			1,625		1,475	830

Material, Kinds and Quantities of Fish, &c.—Nova Scotia—Continued.

OF FISH.											FISH PRODUCTS.				VALU.				
Cod Tongues and Sounds, barrels.	Pollock, cwt.	Hake and Sounds, lbs.	Haddock, cwt.	Hallibut, lbs.	Shad, barrels.	Bass, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.		Fish used as bait, barrels.	Fish used as manure, barrels.	\$	cts.
					125														2,100 00
					28														360 00
					95														1,596 20
					25														340 00
					58														698 00
					46														824 00
					35				1,600										376 00
					90														1,622 00
					74														722 00
					70														1,232 00
					105														1,876 00
					296														4,138 00
					199														1,692 00
					92														1,056 25
					12								40						414 05
			10		79								50						1,212 50
					21														232 00
					25														280 00
					18														178 00
					4	490	300		4,000										631 80
					6		200												102 00
					8		150												210 20
									10,000		20								1,027 50
			10		1,500	400	650		15,600		20		97		25				22,691 50
					320		700		800										3,650 00
					65				600										1,066 00
					75				400										844 00
					255		50		500										2,739 50
30	15						170		200				40						1,551 70
30	40						50						70						1,430 90
25	40	100											40						1,314 50
40	50	600											40						1,314 50
50	100	800											80						2,427 50
50	150	1,000											100						1,875 00
20	100	800					100						70						2,122 00
	50	350											30						1,490 50
						650			650										3,228 00
					15	2,250	1,100		1,200	30	250				60				14,363 00
									500	30	300				100				36,509 00
245																			
	545	4,190			730	2,900	2,170		4,850	60	550	292,000	430		150				74,592 60

RETURN showing the Number, Quantity and Value of Fishing

DISTRICT.	FISHING MATERIAL.				KINDS									
	Nets.		Weirs.		Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, smoked, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.
	Fathoms.	Value.	No.	Value.										
<i>Digby.</i>		\$		\$										
Digby.....	1,000	850	10	1,050							3,000	30,000		9,000
Broad Cove and Caldwell's Cove.....	1,655	1,660									750			625
Gulliver Cove.....	1,660	1,660									250			900
Shelving Cove.....	800	800									450			390
Centreville.....	1,700	2,200									500			1,800
Sandy Cove to Mink Cove.....	840	1,660	1	150	4,000						1,120			1,120
Little River.....	1,700	2,200									2,000			3,000
Tiverton.....	850	1,600									1,000			3,500
Weymouth to White's Cove.....	1,600	1,800									1,200			650
Church Point.....	1,600	1,800									1,400			400
Meteghan.....	1,000	800									850			575
Salmon River.....	850	1,200									950			1,400
St. Mary's Bay.....			6	300							40			
Freeport.....	3,000	2,500									1,200			6,000
Westport.....	2,600	2,000									1,400			20,000
Totals.....	20,855	22,730	17	1,500	4,000						16,110	30,000		49,360

Material, Kinds and Quantities of Fish, &c.—Nova Scotia—Continued.

OF FISH.										FISH PRODUCTS.			VALUE.					
Cod Tongues and Sounds, barrels.	Pollock, cwt.	Hake Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Bass, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Beals, barrels.	Oysters, barrels.	Lobsters, cans.		Fish Oil, gallons.	Fish Guano, tons.	Fish used as bait, barrels.	Fish used as manure, barrels.	
300	12,000	18,500	179,480	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,239	2,000	2,000	159,224	15
125	1,000	1,250	7,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,250	750	1,000	13,981	25
350	1,000	3,650	2,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,250	750	1,000	22,037	50
130	780	1,950	3,900	.....	.....	.....	.....	.....	.....	.....	.....	.....	800	400	50	12,696	50
700	2,600	7,800	5,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,000	1,500	1,000	44,550	00
560	1,680	4,620	2,800	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,820	980	840	32,601	00
500	2,500	6,000	1,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,750	1,500	1,200	51,277	50
2,000	2,600	8,000	1,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,000	1,500	500	62,085	00
400	800	2,000	600	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,500	1,800	600	20,523	50
410	500	1,100	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,600	1,500	600	15,949	00
60	300	650	500	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,550	1,500	550	11,441	25
450	350	1,160	8,100	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,750	1,550	640	19,228	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40	.....	40	1,000	00
3,000	3,000	10,000	20,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,000	2,100	800	89,000	00
55,000	3,000	58,000	25,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,000	2,500	1,500	504,250	00
Smoked Haddies, 3,360 cases, at \$2..... 6,720 00 Canned Haddies, 1,535 cases, at \$5..... 7,675 00 Sardines, 50 cases, at \$4..... 200 00 Potted Herring, 100 cases, at \$4..... 400 00 Fresh Haddock, 60,000 lbs., at 4 cts..... 2,400 00 Lobsters, 39 tons, at \$40..... 1,560 00																		
63,985	31,610	124,180	258,280	100	66,549	80	20,330	12,320	1,078,906	15

RETURN showing the Number, Quantity and Value of Fishing

DISTRICT.	FISHING MATERIAL.				KINDS										
	Nets.		Weirs.		Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, smoked, lbg.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.	Cod Tongues & Sounds, brls.
	Fathoms.	Value.	No.	Value.											
<i>Guysboro'.</i>		\$		\$											
Fisherman's to Isaac's Harb'r.	12,400	6,200	3	500	6		2,280		516		4,780		239	1,550	
Coodles and New Harbour.....	10,800	5,400			3				260		2,700		30	1,200	15
Tor Bay Point to Charlo's Cove.	15,600	7,800							600		1,950		25	4,000	
Cole Harbour to White Head ...	28,500	14,250			30				950		2,850		475	3,800	20
Salmon River to Fox Island.....	16,800	8,400	28	4,250	15				5,000		600		10	2,000	15
Little Canso and Dover.....	32,400	16,200	27	3,500	30		960		2,420		1,310		1,400	24,153	25
Guysboro'.....	13,200	6,600	9	720	35				1,320		660		150	6,000	3
North Shore to Sand Point.....	16,000	8,000	3	150	5				3,000		3,000		25	500	
Sand Point to County Line...	20,800	10,400	3	300					1,513		3,500			150	
Ecum Secum.....	1,400	900				2,000	2,000		60		260		20	900	
Marie Joseph.....	3,000	850				400	800		50		450			2,400	
Big Liscombe & Spanish Bay...	2,200	750							40		350		20	1,450	
			Seines.												
Little Liscombe.	1,400	500	2	100	1	200	100		30		190		175	770	
Gegogan Harb'r	160	80				200	1,000		10		150		5	380	
St. Mary's Bay...	2,000	500			2	1,450	2,600		6		600		2	275	
St. Mary's River..	1,260	360			10	12,000	600						60		
			Seines.												
Wine Harbour....	2,800	800	2	700	10	500	200		20		1,200			100	
Indian Harbour..	1,200	400	1	300							2,350		20	30	
Hallands Harb'r	800	300				400	100		5		200			150	
Bickerton Harb'r	2,400	800					400		60		830		5	300	
Head of County Harbour River.	200	80				600	50						20		
Totals.....	185,260	89,570	78	10,520	147	17,750	7,850	3,240	15,990		27,900		2,691	50,168	75

Material, Kinds and Quantities of Fish, &c.—Nova Scotia—Continued.

OF FISH.										FISH PRODUCTS.					VALUE.			
Pollock, cwt.	Hake Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Bass, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Roe, barrels.	Fish Guano, tons.		Fish used as bait, barrels.	Fish used as manure, barrels.	\$	cts.
.....	248	2,480	.....	.....	1,000	.....	2,000	.....	.....	105,600	775	.....	.....	.....	.....	50,228	65
.....	150	6,000	.....	.....	2,000	.....	4,000	5	.....	.....	600	.....	.....	.....	.....	21,459	00
.....	1,000	5,000	.....	.....	2,050	.....	.....	20	.....	96,000	2,000	.....	.....	.....	.....	50,703	00
.....	1,425	9,500	5	.....	400	.....	.....	10	.....	135,000	1,900	.....	.....	.....	.....	66,826	50
.....	1,500	.....	.....	.....	.....	800	.....	2	.....	52,800	1,000	.....	.....	.....	.....	78,353	00
324	4,920	72,680	6	.....	1,000	600	1,000	10	.....	258,000	12,074	.....	.....	.....	.....	210,518	15
.....	210	3,000	.....	.....	600	.....	300	10	.....	.....	3,000	.....	.....	.....	.....	45,565	00
.....	500	.....	.....	.....	.....	.....	.....	5	.....	.....	250	.....	.....	.....	.....	46,272	50
.....	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	75	.....	.....	.....	.....	30,341	25
.....	20	100	.....	.....	4,500	10	5,000	30	.....	.....	460	.....	15	.....	.....	7,615	00
.....	200	.....	.....	.....	24	3,000	12	.....	96,000	1,100	.....	20	.....	.....	28,271	00
.....	20	3,000	.....	.....	500	.....	2,000	5	.....	.....	700	.....	30	.....	.....	8,972	50
.....	20	2,000	.....	.....	1,500	.....	3,000	6	.....	88,000	400	.....	40	.....	.....	18,824	50
.....	10	1,500	.....	.....	400	.....	3,500	.....	.....	.....	190	.....	10	.....	.....	3,067	50
.....	50	350	.....	.....	.....	.....	500	20	.....	18,000	120	.....	15	.....	.....	7,681	75
.....	2	100	2,500	.....	600	4	.....	.....	.....	.....	.....	.....	.....	3,184	00
.....	20	20	.....	.....	.....	.....	.....	3,000	.....	.....	.....	50	.....	40	.....	.....	6,087	50
.....	500	.....	1,000	.....	.....	.....	20	.....	60	.....	.....	9,810	50
.....	10	.....	.....	.....	1,500	.....	.....	.....	.....	.....	160	.....	15	.....	.....	1,791	50
.....	25	.....	.....	.....	.....	.....	.....	.....	.....	68,000	160	.....	30	.....	.....	15,596	50
.....	1,000	.....	500	.....	.....	.....	.....	.....	.....	.....	.....	300	00
324	20	10,268	105,810	13	100	19,450	1,434	29,400	139	.....	915,400	24,974	.....	.....	275	.....	711,469	70

RETURN showing the Number, Quantity and Value of Fishing

DISTRICT.	FISHING MATERIAL.				KINDS									
	Nets.		Weirs.		Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, smoked, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.
	Fathoms.	Value.	No.	Value.										
<i>Halifax.</i>														
Ecum Secum to Beaver Har-	3062	900				646	2000		50		400		50	857
bour	3000	890				2800	2190		20		500		25	348
Sober Island to Sheet Harb'r	17520	6240							880		3604		10	1370
Mushaboon to Pope's Harb'r	8210	2803				2550			76		1825		294	1553
Tangier to Ship Harbour....														
W. Ship Harbour to Olam	7200	2000					1500		110		2030		700	1303
Harbour	6196	1922				200	760		105		1627		25	3027
East and West Jeddore.....														
Musquodoboit Harbour to	8370	2495				1000	820		93		1904		160	2894
East Chezzetcook														
North side W. Chezzetcook	22610	5100				800			500		3200		800	4214
to Lawrencetown.....														
Cole Harbour to Eastern	5860	1794				1800			100		1200		60	1412
Passage and Devil's Island	10400	3120	48	9600		3000			1700		100		100	1000
North Shore	9800	2940	65	13000		5000			600		180		25	2250
East Margaret's Bay	4100	1230	27	5400		1000			200		100			3050
Indian Harbour.....	15760	4710	57	11400		13000			600		100			490
Peggy's Cove	12500	3750	38	7600		2000			3590		500		20	2240
Dover	50700	15210	76	15200		1950			2786		1875		50	967
Prospect	12600	3780	32	6100					2000		300		20	2600
Terrence Bay.....	6000	1800	9	1800		700			62		600		231	945
Pennent	4700	1410	3	600					516		900		10	2470
Sambro	6900	2070	13	2600					100		1500		80	3650
Ketch Harbour	30000	9000	18	3600		9000			800		2250		20	400
Portuguese Cove	9500	2850	36	7200		1000			575		2000			2840
Herring Cove	3400	1020	34	6800					115		1125			400
Ferguson's Cove														
Totals.....	258328	77334	456	91200		46146	7270		15560		27820		2680	40180
<i>Hants.</i>														
Maitland	2100	600				2870								540
Upper Selma	900	250				570								
Noël.....	560	185	2	450		145								
Burn Coat.....	300	100				70								
Temicappe	2800	575				185								
Walton	3500	925				190								
Shubenacadie	1042	490				245								443
West Hants	3200	1250	3	500	1						750			
Totals	14402	4375	5	950	1	4375					750		982	

Material, Kinds and Quantities of Fish, &c.—Nova Scotia—Continued.

OF FISH.											FISH PRODUCTS.					VALUE.				
Cod Tongues and Sounds, barrels.	Pollock, cwt.	Hake and Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Bass, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Roe, barrels.	Fish Guano, tons.	Fish used as bait, barrels.	Fish used as manure, barrels.	\$	cts.	
.....	1200	.....	1000	12	.....	451056	407	.....	.....	.....	.....	74,634	40	
.....	36	.....	.....	.....	.....	2100	.....	800	19	.....	96000	180	.....	.....	.....	.....	19,696	00	
10	246	.....	.....	.....	.....	500	.....	2000	6	.....	115200	1000	.....	.....	.....	.....	47,483	50	
12	240	.....	.....	.....	.....	600	.....	500	9	.....	.....	730	.....	.....	.....	.....	17,849	75	
.....	154	.....	.....	.....	2500	.....	1000	20	.....	43200	700	.....	.....	.....	.....	25,721	75	
.....	657	.....	.....	.....	800	.....	2000	18	.....	.....	1600	.....	.....	.....	.....	24,415	75	
.....	442	800	.....	.....	2500	.....	28000	30	.....	95000	1450	.....	.....	.....	.....	40,841	00	
.....	377	850	.....	.....	1000	.....	100000	12	.....	.....	2100	.....	.....	.....	.....	48,943	00	
.....	70	.....	.....	.....	.....	.....	.....	10	.....	.....	750	.....	.....	.....	.....	13,258	50	
20	2000	1000	.....	.....	.....	.....	.....	.....	.....	.....	.....	1200	.....	200	.....	.....	29,270	00	
43	1100	650	.....	.....	.....	.....	.....	.....	.....	.....	.....	1680	.....	280	.....	.....	22,080	50	
61	2250	1125	.....	.....	.....	.....	.....	.....	.....	.....	85000	2430	.....	407	.....	.....	36,913	50	
16	200	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	360	.....	60	.....	.....	11,986	50	
45	1280	640	8000	.....	.....	.....	.....	.....	.....	.....	.....	1740	.....	290	.....	.....	53,636	00	
20	872	436	13500	.....	.....	.....	.....	.....	.....	.....	75000	840	.....	140	.....	.....	55,343	75	
52	1600	800	12000	.....	.....	.....	.....	.....	.....	.....	.....	2070	.....	340	.....	.....	39,622	00	
13	640	320	.....	.....	.....	.....	.....	.....	.....	.....	.....	780	.....	130	.....	.....	10,630	25	
49	560	280	.....	.....	.....	.....	.....	.....	.....	.....	.....	1680	.....	270	.....	.....	33,942	50	
61	840	420	6300	.....	.....	.....	.....	.....	.....	.....	.....	2100	.....	309	.....	.....	27,612	50	
8	100	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	270	.....	45	.....	.....	21,131	50	
57	840	420	62000	.....	.....	.....	.....	.....	.....	.....	.....	1980	.....	340	.....	.....	33,476	00	
8	250	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	330	.....	53	.....	.....	8,361	00	
																	Fish sold in Halifax market....		31,500	00
453	85	12532	8523	93650	.....	.....	11200	.....	135300	127	.....	1036456	26377	.....	2855	.....	.....	727,459	65
.....	41	2050	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,185	00	
.....	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	410	00	
.....	81	1290	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	754	40	
.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	94	00	
.....	71	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	605	00	
.....	53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	462	00	
.....	82	930	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,528	80	
.....	65	.....	.....	.....	3000	.....	.....	.....	.....	.....	.....	.....	.....	3,718	00	
.....	440	4270	.....	.....	3000	.....	.....	.....	.....	.....	.....	.....	.....	11,757	20	

RETURN showing the Number, Quantity and Value of Fishing

DISTRICT.	FISHING MATERIAL.				KINDS.									
	Nets.		Weirs.		Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, Smoked, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.
	Fathoms.	Value.	No.	Value.										
<i>Inverness.</i>		\$		¢										
Cheticamp	1918	1429			32				818		207			19691
Eastern Harbour.....	1700	850							1850		200			3300
Pleasant Bay.....	800	350							500		100			700
Big Pond.....	1200	500							300		200			1250
Friar Head.....	580	240							300					1250
E. Har. and N. E. Margaree						4000								
Port Hawkesbury.....	10000	4000			35				7000		4000	400		1600
Port Hastings.....	1400	600							180		1200			120
Low Point.....	600	200							20		200			80
Creignish.....	1100	500			5				100		150			80
Long Point.....	1500	700							90		100			160
Judique.....	800	300							100		400			100
Little Judique.....	5000	2500							200		800			800
Port Hood.....	22000	6000							1200		1200			5200
Mabou.....	2000	800					3072		175		250			760
Whycocomagh.....	800	240									100			400
Boom.....	800	500									400			480
Malagawatch.....	2714	1540									800			600
Basin, River Dennis.....	600	375									150			400
River Dennis.....														
North Mountain.....	2254	1340									600			600
West Bay.....	400	300									200			200
River Inhabitants.....	240	100												
Delaney's Cove.....	520	200							150		83			950
Doucett's Cove.....	600	300			5				230		100			800
E. and W. Margaree Har.....	4300	3400			70	12000			330		440		91	6700
Margaree Forks and River..	240	200	75	750	7				12		24		286	30
Margaree Island.....	395	180							768		260			988
Broad Cove Marsh.....	400	230							680		145			960
Port Bann.....	650	200							230		200			400
Broad Cove Shore.....	580	160							300		190			780
Coal Mines.....	190	180							140		49			360
Lake Outlet.....													25	
Trout River.....														
Totals.....	66281	28414	75	750	154	16000	3072	15673	12742	802	49739			

Material, Kinds and Quantities of Fish, &c.—Nova Scotia—Continued.

OF FISH.										FISH PRODUCTS.					VALU.				
Cod Tongues and Sounds, Barrels.	Pollock, cwt.	Hake and Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Sbad. barrels.	Bass, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Koes, barrels.		Fish Guano, tons.	Fish used as bait, barrels.	Fish used as manure, barrels.	\$	cts.
.....	.....	1800	.....	.....	.....	.....	.....	107	.....	.....	.....	.....	10887	.....	20	612	159	108,216	80
.....	.....	250	.....	.....	.....	.....	.....	30	.....	.....	.....	.....	1790	.....	.....	220	.....	35,684	00
.....	.....	100	.....	.....	.....	.....	.....	25	.....	.....	.....	.....	400	.....	.....	60	.....	9,145	00
.....	.....	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2500	.....	.....	85	.....	11,172	50
.....	.....	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	500	.....	.....	30	.....	9,367	50
.....	.....	.....	.....	.....	.....	.....	15000	.....	.....	.....	.....	65000	.....	.....	.....	.....	.....	11,450	00
80	800	400	.....	.....	.....	.....	1000	100	1000	30	.....	.....	8000	.....	.....	20	.....	103,864	00
10	200	80	.....	.....	8	.....	1000	.....	4000	30	.....	.....	200	.....	.....	10	.....	8,370	00
.....	100	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	60	.....	1,583	00
.....	100	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	50	.....	2,263	00
.....	200	40	.....	.....	.....	.....	1000	.....	5000	4	.....	.....	100	.....	.....	20	.....	2,801	00
.....	200	400	.....	.....	.....	.....	1500	.....	8000	20	.....	.....	100	.....	.....	200	.....	5,640	00
.....	800	600	500	.....	500	.....	1500	.....	4000	30	.....	.....	400	.....	20	600	.....	13,190	00
.....	3000	400	.....	.....	.....	.....	500	40	3000	6	.....	111557	2000	.....	80	600	.....	63,557	55
.....	500	200	200	.....	200	.....	200	10	2500	20	4	29102	500	.....	60	40	.....	13,842	70
.....	.....	.....	.....	.....	.....	.....	5000	.....	5000	50	100	.....	60	.....	.....	.....	.....	3,459	00
.....	.....	.....	.....	.....	.....	.....	1000	.....	2000	100	120	.....	100	.....	.....	.....	.....	5,145	00
.....	.....	.....	.....	.....	.....	.....	1000	.....	5000	100	40	.....	160	.....	.....	.....	.....	7,234	00
.....	.....	.....	.....	.....	.....	.....	1000	.....	2000	90	100	.....	100	.....	.....	.....	.....	3,655	00
.....	.....	.....	.....	.....	.....	.....	1500	.....	1000	.....	.....	.....	.....	.....	.....	.....	.....	150	00
.....	.....	.....	.....	.....	.....	.....	200	.....	500	35	.....	.....	120	.....	.....	.....	.....	5,385	00
.....	.....	.....	.....	.....	.....	.....	150	.....	.....	20	.....	.....	60	.....	.....	.....	.....	1,878	00
.....	.....	.....	.....	.....	.....	.....	5000	.....	5000	40	.....	.....	.....	.....	.....	.....	.....	960	00
.....	.....	120	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	400	.....	.....	8	.....	6,581	50
.....	.....	100	510	.....	.....	.....	.....	.....	.....	.....	.....	.....	350	.....	.....	9	.....	6,807	10
.....	.....	880	1400	.....	.....	.....	600	.....	.....	16	.....	.....	2945	.....	.....	26	.....	42,843	25
.....	.....	10	.....	.....	.....	.....	4000	.....	.....	15	.....	.....	200	.....	.....	.....	.....	2,153	50
.....	.....	180	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	460	.....	.....	20	.....	13,868	00
.....	.....	140	800	.....	.....	.....	.....	.....	.....	.....	.....	.....	218	.....	.....	16	.....	12,155	70
.....	.....	98	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200	.....	.....	9	.....	5,282	00
.....	.....	100	1200	.....	.....	.....	.....	.....	.....	.....	.....	.....	480	.....	.....	8	.....	7,817	00
.....	.....	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60	.....	.....	4	.....	3,449	00
.....	.....	.....	.....	.....	.....	.....	800	.....	.....	65	.....	.....	.....	.....	.....	.....	.....	733	00
.....	.....	.....	.....	.....	.....	.....	9840	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	590	40
100	5700	6318	5010	8	700	51790	312	48000	671	364	205659	33300	190	2707	159	530,323	50		

RETURN showing the Number, Quantity and Value of Fishing

DISTRICT.	FISHING MATERIAL.				KINDS										
	Nets.		Weirs.		Fathoms.	Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, smoked, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.
	Value.	No.	Value.	No.											
<i>King's.</i>	\$		\$												
Black Hole and Baxter's Harbour	120	40										600			120
Hall's Harbour	1000	480	2	800		10000						1800			400
Black Roek	250	100	5	500								930	4400		160
Harbourville	2000	600	7	700		2000						3800	10000		300
Morden Bay			2	200								1200			20
Scott's Bay												100	1400		
Medford and Pereaux			9	700								100	4000		
Long and Little Islands	4000	800													
Starr's Point	4000	700													
Porter's Point	1400	200													
Gaspereaux	120	40					300								10
Aylesford							600								
Kentville															
Totals	12890	2960	25	2600		12900						8530	19800	10	1000
<i>Lunenburg.</i>															
Chester	1800	1500	12	2400		92000	4000	350	3500			400		650	1150
Martin's River	1700	1500	5	1000		1000		20				300		50	3000
Fox Point	1000	800	13	2600		350		175				40		12	600
Mill Cove	1800	2000	10	2000		550		318				15			90
Lodge	1600	850	12	3000		100		260				20			20
North-West Cove	1000	700	11	2200		500		175				200		10	90
Aspotogen	1400	800	14	2800		100		214				100			300
Sandy Beaches	800	1700	14	2800		40		200				100			50
Blandford	9000	4500	11	2200		5000		200				1000		40	800
Little Tancook	1400	900	6	1200				50				1000		14	200
Big Tancook	2000	1200	12	2600		1000		150				5000		14	700
Deep Cove	400	300	8	1600				150						20	
Iron Bound	400	300	4	1200		600		50				1000			100
Lunenburg to Cross Island	10000	9000	Trp. 1	750		100	150	2500				6000			96366
Mahone Bay to Martin's Island	4000	3500				300	200	300				3000		20	20000
E. LaHave River to Iron Bound Island	10000	11000				300	250	1000				4000		30	38063
W. LaHave River to Cape LaHave	11000	12000				300	200	1500				5000		30	48000
Totals	59300	52550	133	27750		102240	4800	7612	3500			27175		890	216029

Material, Kinds and Quantities of Fish, &c.—Nova Scotia—Continued.

OF FISH.											FISH PRODUCTS.				VALUE.		
Cod Tongues and Sounds, barrels.	Pollock, cwt.	Hake and Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Sbac, barrels.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.	Fish used as bait, barrels.	Fish used as manure, barrels.	\$	cts.
.....	50	.....	50	.....	.....	.....	.....	.....	.....	.....	.....	200	.....	600	.....	3,690	00
.....	300	.....	300	.....	.....	.....	.....	.....	.....	.....	.....	500	.....	1000	.....	13,825	00
.....	50	.....	50	.....	.....	.....	.....	.....	.....	.....	.....	200	.....	150	.....	6,055	00
.....	50	.....	50	.....	.....	.....	.....	.....	.....	.....	.....	100	.....	1000	.....	20,290	00
.....	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50	.....	20	.....	5,137	50
.....	.....	.....	.....	.....	123	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	1,746	50
.....	.....	.....	.....	.....	200	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	1,410	00
.....	.....	.....	.....	.....	140	.....	.....	.....	.....	.....	.....	.....	.....	24	.....	1,612	00
.....	.....	.....	.....	.....	45	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	1,130	00
.....	.....	.....	.....	.....	.....	600	.....	6900	8	.....	.....	.....	.....	20	.....	370	00
.....	.....	.....	.....	.....	.....	450	.....	.....	.....	.....	.....	.....	.....	.....	.....	568	00
.....	.....	.....	.....	.....	.....	.....	.....	2000	.....	.....	.....	.....	.....	.....	.....	14	00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	00
.....	510	.....	450	.....	508	1050	.....	8000	8	.....	.....	1050	.....	2879	.....	56,101	00
25	10	40	100	1000	.....	500	200	.....	20	162000	.....	945	2	250	.....	59,176	75
10	.....	.....	50	.....	.....	200	.....	1000	.....	.....	.....	1100	.....	.....	.....	15,582	00
4	.....	400	100	.....	.....	.....	40	.....	.....	.....	.....	1200	.....	100	.....	6,396	00
.....	.....	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	65	.....	4	.....	3,848	75
.....	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,820	00
.....	.....	.....	40	.....	.....	.....	40	.....	.....	.....	.....	75	.....	.....	.....	3,421	25
.....	.....	.....	60	.....	.....	.....	10	.....	.....	.....	.....	225	.....	.....	.....	4,231	25
.....	.....	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,690	50
10	.....	.....	50	4000	.....	.....	.....	.....	.....	.....	.....	600	.....	.....	.....	11,435	00
.....	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	150	.....	.....	.....	5,538	50
4	.....	.....	200	1000	.....	.....	.....	.....	.....	.....	.....	600	.....	.....	.....	25,909	00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,650	00
.....	.....	.....	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,220	00
85	7850	200	23400	96000	.....	1500	100	2900	60	.....	.....	80000	60	1200	600	632,210	50
25	2500	25	5975	30000	.....	3000	.....	2000	30	.....	.....	26000	40	400	300	175,962	50
30	3550	33	8297	40000	.....	1500	.....	1500	55	.....	.....	30000	30	50	400	253,430	25
40	4000	37	9963	30000	.....	2000	.....	4000	80	9000	.....	42000	80	600	300	321,587	50
Herring, Frozen, 1,000, at 45c. per 100...																450 00	
233	17930	735	48345	202000	.....	8700	390	10500	245	171000	.....	182960	192	3054	1600	1,531,559	75

RETURN showing the Number, Quantity and Value of Fishing

DISTRICT.	FISHING MATERIAL.				KINDS									
	Nets.		Weirs.		Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, smoked, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.
	Fathoms.	Value.	No.	Value.										
<i>Pictou.</i>														
Pictou Island.....	360	160							80		300			55
Chance Harbour.....	1,600	2,000				9,000			15		20			14
Little Harbour.....	1,300	1,850				10,000			30		100			60
Big Island.....	1,700	2,400				24,300			17		15			30
North Beach.....	550	600				7,400								
Ponds.....	1,300	1,200				11,200			44		30			34
Lismore.....	950	1,300				8,300			28		14			10
West Pictou.....			traps.											
			10,300	6,180		2,000			116		330		4	891
Totals.....	7,760	9,510	10,300	6,180		72,200			330		809		4	1,094
<i>Queen's.</i>														
Mill Village.....	1,255	640				6,354							2,472	
Port Medway.....	1,844	1,052				12,315			304		87		47	6,640
Ponhook.....	150	118				2,500							750	
Liverpool.....	2,232	1,240				5,448			310		175		25	1,799
Port Monton.....	2,500	1,900							400		700		5	2,800
Port Joli.....	180	96											40	80
Port Lebert.....	180	109												50
Somerville.....	140	100												100
Hunt's Point.....	800	400									20			650
White Point.....	360	200							35		15			200
Brooklyn.....	936	520				4,085			5		60		20	3,936
Beach Meadow.....						516								
Coffin Island.....	918	500				200					59			190
Eagle Head.....	666	229				336								48
Blueberry.....	1,170	462				150					15			49
Pudding Pan.....	1,134	401				100								190
West Head.....	2,460	984							25		357			719
Moose Harbour.....	660	300				144			5		114			151
Black Point.....	720	324				175					50			110
Milton.....	180	100				4,608							25	
Eastern Head.....	260	91				180					20		3	30
Gull Island.....	240	72									20			47
Totals.....	18,955	9,829				37,091			1,084		1,692		3,387	17,787

Material, Kinds and Quantities of Fish, &c.—Nova Scotia—Continued.

OF FISH.										FISH PRODUCTS.				VALUE.				
Cod Tongues and Sotuds, barrels.	Pollock, cwt.	Hake and Sounde, lbs.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Bass, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.	Fish used as bait, barrels.	Fish used as manure, barrels.	\$	cts.
80	100											400,000	25				62,680	00
60	80												5				2,092	75
20	30								1,000	4			15				3,304	75
													8				5,443	70
	24	30							600	8			12				1,480	00
	19	25											9				3,189	30
			10	15,000													2,150	85
													150	1,980			84,245	25
	203	275	15,000						1,600	12			224	1,980			164,586	60
40			270	700			600		8,550	28							11,959	80
						315						64,000	4,800				48,248	00
																	3,617	90
3	5		250					50					849		250		14,387	20
			20	1,000				100					1,400		75		31,045	00
			5					10	4,000	15			40				958	50
			5					10		8			30				361	50
			4					4					75		15		511	25
1			10					6					325		50		3,144	75
			5					5					100		25		1,375	00
			100					20		5			1,983		50		19,686	95
																	103	20
								50					95				1,345	25
								10					25				318	95
								10					25				354	50
								10					95				929	25
								10					359		40		5,577	10
			100					10					76		20		1,275	95
			18					20				14,400			10		3,010	50
																	1,021	60
								10					15				305	25
			6					5					30				340	25
44	5		793	1,700			915	390	12,550	68		150,400	10,302		535		149,875	65

RETURN showing the Number, Quantity and Value of Fishing

DISTRICT.	FISHING MATERIAL.												
	Nets.		Weirs.		Salmon, barrels.		Mackerel, barrels.		Herring, barrels.		Alewives, barrels.		
	Fathoms.	Value.	No.	Value.	Salmon, barrels.	Salmon, fresh, in ice, barrels.	Salmon, smoked, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.
<i>Richmond.</i>													
		\$											
Fourchu	2,700	675							225		585		
Framboise	2,800	700							210		168		
St. Esprit	2,520	630							207		171		
Larcheveque	3,920	980							210		280		
Grand River	10,240	2,560							640		736		
Point Michaud	2,400	960							200		300		8
L'Ardoise	21,000	7,400			25				2,800		1,300		35
St. Peter's Island	3,280	1,640							186		197		
St. Peters	8,500	2,100							250		100		
River Bourgeois	3,100	800							20		40		10
Arichat	10,000	4,000							90		1,000		10
Arichat West	11,000	4,500							100		1,300		50
Petit de Grat	12,000	4,800			5	200			300		1,500		30
Cape Hogan	1,500	720							100		1,000		
Port Royal	1,000	500							20		500		100
D'Escousse	4,000	1,500							100		350		
Lower d'Escousse	9,000	4,000							50		100		
Polimand	1,000	4,050									150		
Port Richmond	900	450							10		140		110
Cape Le Rond	3,000	1,500							150		500		
Rocky Bay	8,000	4,000							140		100		
Little Anse	8,000	4,000							150		1,000		
Gros Nez	8,000	4,000							100		1,000		
River Inhabitants	9,000	4,050			5						100		100
Black River	9,000	450			5						100		
Martinique and Lennox Passage	700	300									150		100
Totals	156,560	61,265			40	200			6,268		12,867		553

Material, Kinds and Quantities of Fish, &c.—Nova Scotia—Continued.

KINDS OF FISH.										FISH PRODUCTS.				VALUE.					
Cod, cwt.	Cod Tongues and Sounds, barrels.	Pollock, cwt.	Hake and Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Mass, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Wels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.	Fish used as bait.	Fish used as manure, barrels.	\$	cts.
1,800	...	...	...	...	...	...	...	...	...	...	...	...	34,000	1,125	...	...	...	18,071	25
140	...	...	...	...	...	...	...	...	...	...	...	...	...	98	...	...	...	3,430	70
108	...	...	...	...	...	...	...	...	...	...	...	...	...	81	...	...	...	3,265	65
60	...	...	...	...	...	...	...	...	...	...	...	...	...	42	...	...	...	3,502	30
28	...	...	...	...	...	...	...	...	...	...	...	...	...	64	...	...	...	9,793	60
150	3	6	...	40	...	...	...	...	...	...	...	...	...	100	...	...	...	4,101	50
4,300	...	...	...	2,600	...	...	...	...	...	...	...	...	...	3,500	...	...	...	63,440	00
353	...	...	...	263	...	...	...	...	...	...	...	...	28,000	176	...	...	...	9,383	15
1,800	...	...	...	...	...	...	...	...	...	...	...	...	...	900	...	...	...	11,135	00
2,100	...	...	...	250	...	...	...	...	...	...	...	...	...	1,200	...	...	...	10,980	00
Amount added for home consumption of above districts																		8,000 00	
600	1	...	...	1,000	...	...	...	...	...	2,000	15	...	100,000	1,000	...	...	...	26,647	00
800	2	...	...	1,600	...	...	...	...	...	...	...	...	...	1,000	...	...	...	16,319	00
3,100	4	...	...	2,600	...	...	...	...	...	...	...	...	...	2,000	...	...	...	32,853	00
1,500	2	...	...	2,000	...	...	...	...	...	...	...	...	...	1,000	...	...	...	19,039	00
300	2	...	...	1,000	...	...	...	...	...	1,000	10	...	...	250	...	...	...	7,701	50
10,000	60	...	...	800	...	...	...	...	...	...	...	...	...	18,000	...	...	...	49,290	00
1,000	15	...	...	100	...	...	...	...	...	...	...	...	...	300	...	...	...	5,800	00
800	6	...	...	60	...	...	...	...	...	...	4	...	...	100	...	...	...	4,353	00
200	...	...	...	50	...	...	...	...	...	...	3	...	...	30	...	...	...	2,171	50
150	...	...	...	200	...	...	...	...	...	...	...	...	...	35	...	...	...	4,860	25
200	...	...	...	1,600	...	...	...	...	...	...	...	...	...	150	...	...	...	8,347	50
400	...	...	...	1,600	...	...	...	...	...	...	...	...	...	150	...	...	...	12,547	50
400	...	...	...	1,500	...	...	...	...	...	...	...	...	...	150	...	...	...	12,047	50
50	...	...	...	100	...	...	...	500	...	2,000	50	...	...	10	...	...	...	2,059	00
100	...	...	...	100	...	...	...	100	...	2,000	30	...	...	10	...	...	...	1,667	50
100	...	...	...	80	...	...	...	300	...	800	40	...	...	10	...	...	...	2,137	50
30,607	95	6	...	17,443	...	...	...	900	...	7,800	152	...	162,000	15,281	...	...	...	352,943	90

RETURN showing the Number, Quantity and Value of Fishing

DISTRICT.	FISHING MATERIAL.				KINDS								
	Nets.		Weirs.		Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, smoked, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.
	Fathoms.	Value.	No.	Value.									
<i>Shelburne.</i>		\$		\$									
Jordan Bay.....	2,500	700									366		
Jordan Ferry.....	2,000	500									75		
Woods Harbour.....	3,500	1,000	4	4,750				1,600	78,000		400		30
Shag Harbour.....	5,000	1,300						600			800		
Bear Point.....	4,200	1,350						200			250		
West Barrington.....	2,100	650						300			300		375
Port Latour and Baccaro.....	9,000	2,500	1	1,100				300			1,500		50
Cape Island.....	12,000	3,000	6	5,500				6,300			700		
Upper Port Latour.....	3,500	1,000						100			1,200		50
Cape Negro and Blanche.....	3,400	1,100						50			3,500		
Port Clyde.....	900	350									450		35
North-West Harbour.....	800	240									400		
North-East Harbour and Negro Island.....	2,500	625	1	1,000							900		
Black Point and Red Head.....	6,000	1,350									1,980		
Roseway and McNutt's Island.....	5,000	1,500						20			1,500		25
West Shelburne.....	1,600	500									500		15
East Shelburne.....	6,000	2,000									1,500		10
Lockeport.....	2,500	1,000						2,100			1,300		20
Totals.....	72,500	20,665	12	12,350				11,570	78,000		17,621		610

Material, Kinds and Quantities of Fish, &c.—Nova Scotia—Continued.

OF FISH.										FISH PRODUCTS.			VALU.					
Cod, cwt.	Cod Tongues and Sounds, barrels.	Pollock, cwt.	Hake and Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Bas, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.		Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.	Fish used as bait, barrels.	Fish used as manure, barrels.
2,400				300										1,200				13,494 00
5,800				500										2,800				28,520 00
400		10		75									115,000	150	1,800			50,585 00
950		50		175										400				14,285 00
1,500		100		100									65,000	800				20,345 00
6,000		300		500										4,800				37,120 00
4,500	6	1,500		1,000									10,000	4,500	200			41,724 00
18,000		300		750									148,000	8,550	850			174,582 50
5,000		150		350										2,500				30,625 00
2,500				600									65,000	1,600	450			38,485 00
650				75										475				5,273 75
750				250										525	25			6,028 75
212		180		100										480	825			6,618 00
400				600										550	250			12,327 50
800		20		1,500										925				15,621 25
550				600										425				6,773 75
14,762				100									44,224	7,000	200			80,512 10
50,000		50		400	20,000								72,000	29,000				271,205 00
Lobsters sold to smacks for the American market..																	9,928 00	
Fish consumed in County.....																	25,000 00	
115,174	6	2,660		7,975	20,000								519,224	66,680	4,600			889,031 60

RETURN showing the Number, Quantity and Value of Fishing

DISTRICTS.	FISHING MATERIAL.				KINDS										
	Nets.		Weirs.		Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, smoked, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.	Cod Tongues and Sounds, barrels.
	Fathoms.	Value.	No.	Value.											
<i>Victoria.</i>															
New Campbellton	800	400	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	530	.....
Great Bras d'Or	900	450	.....	.....	.....	.....	.....	78	.....	.....	29	.....	.....	780	.....
Boularderie .....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
French River	1500	750	.....	.....	.....	.....	.....	45	.....	.....	40	.....	.....	420	.....
English Town	900	400	.....	.....	9	.....	.....	81	.....	.....	78	.....	.....	620	35
Grand Narrows	1000	500	.....	.....	.....	.....	.....	10	.....	.....	75	.....	.....	400	.....
North River	300	175	.....	.....	.....	.....	.....	.....	.....	.....	100	.....	.....	10	.....
Wreck Cove	900	450	.....	.....	.....	.....	.....	20	.....	.....	70	.....	.....	200	.....
St. Ann's Bay	350	150	.....	.....	5	.....	.....	10	.....	.....	150	.....	.....	110	.....
Baddeck .....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Smoky Head	750	375	.....	.....	12	.....	.....	25	.....	.....	50	.....	.....	125	.....
Washabuck	150	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100	.....
Home Consumption of above Districts.															
South Ingonish	4136	1128	.....	.....	.....	.....	20000	100	28000	125	.....	.....	.....	3600	.....
North Ingonish	3036	1104	.....	.....	17	.....	.....	457	.....	40	.....	.....	.....	2466	.....
Green Cove	780	248	.....	.....	13	.....	.....	42	.....	60	.....	.....	.....	1000	.....
Neil's Harbour	3300	1200	.....	.....	5	.....	.....	136	.....	115	.....	.....	.....	2700	20
New Haven	1760	1100	.....	.....	.....	.....	.....	22	.....	40	.....	.....	.....	2500	.....
White Point	2706	1008	.....	.....	11	.....	.....	60	.....	65	.....	.....	.....	1640	.....
Bay St. Lawrence	1232	600	.....	.....	4	.....	.....	150	.....	100	.....	.....	.....	3000	.....
Totals	24500	10013	.....	.....	84	.....	.....	20000	1236	28000	1157	.....	.....	20201	55
<i>Yarmouth.</i>															
Bay Shore to Yarmouth Town	22000	14000	8	16000	.....	2000	.....	4082	.....	3903	.....	160	5010	60	.....
Yarmouth Town	8000	6000	4	8000	.....	1000	.....	2705	.....	6375	.....	58	33705	70	.....
Little River	2200	700	.....	.....	.....	.....	.....	33	.....	819	.....	5	146	.....	.....
Tusket Wedge	8000	5000	1	2000	.....	400	.....	1450	.....	2135	.....	50	11925	42	.....
Salmon River	7000	2500	.....	.....	.....	1000	.....	.....	.....	.....	.....	1260	.....	.....	.....
Tusket	22000	8000	.....	.....	.....	3000	.....	.....	.....	.....	.....	1450	.....	.....	.....
East River	6000	3500	.....	.....	.....	950	.....	.....	.....	.....	.....	360	.....	.....	.....
Bel Lake	4500	2200	.....	.....	.....	.....	.....	.....	.....	100	.....	250	100	2	.....
Argyle	3000	1600	1	200	.....	.....	.....	70	5000	70	400	3700	8	.....	.....
Argyle Sound .....	.....	.....	.....	.....	.....	.....	.....	50	.....	200	.....	4100	8	.....	.....
East and West Pubnico	15000	5000	2	4000	.....	.....	.....	1400	.....	1400	.....	75	40765	131	.....
Totals	97700	48900	16	30200	.....	8350	.....	9790	5000	15000	4068	99451	319	.....	.....

Material, Kinds and Quantities of Fish, &c.—Nova Scotia—Continued.

OF FISH.										FISH PRODUCTS.					VALUE.			
Pollock, cwt.	Hake Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Bass, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Roe, barrels.	Fish Guano, tons		Fish used as bait, barrels	Fish used as manure, barrels.	\$	cts.
.....	80	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	280	.....	.....	350	.....	3,081	50
.....	270	.....	.....	50	.....	4,436	50
.....	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	150	.....	60	.....	.....	54	00
.....	24	55	.....	.....	.....	.....	400	.....	.....	.....	.....	240	.....	150	.....	.....	2,692	50
.....	125	.....	25	.....	.....	6,286	50
.....	2,206	25
.....	442	50
.....	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	60	.....	25	.....	.....	1,499	00
.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	50	.....	20	.....	.....	1,345	00
.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	60	.....	40	.....	.....	90	00
.....	100	.....	.....	.....	2	.....	.....	1,328	75
.....	727	00
.....	8,817	00
.....	120000	2400	.....	282	.....	.....	44,812	00
.....	110	.....	.....	.....	.....	.....	.....	.....	.....	.....	616	.....	276	.....	.....	16,577	90
.....	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	640	.....	90	.....	.....	5,755	00
.....	200	.....	.....	.....	.....	20	.....	.....	.....	.....	800	4	240	.....	.....	14,301	00
.....	100	50	.....	.....	.....	.....	1400	.....	.....	.....	.....	1000	.....	100	.....	.....	12,535	00
.....	1200	4	441	.....	.....	15,140	00
.....	3000	.....	336	.....	.....	17,008	00
.....	204	580	.....	.....	.....	.....	1820	.....	.....	100	120000	10891	8	2487	.....	.....	159,168	40
3730	3205	82950	92	.....	.....	.....	.....	.....	.....	.....	7140	.....	650	.....	.....	123,561	00
1618	2183	32700	20	.....	.....	.....	.....	.....	.....	.....	17633	.....	400	.....	.....	229,605	20
12	41	600	.....	.....	.....	.....	300	12	.....	53760	125	.....	.....	1200	.....	13,339	25
625	950	10900	.....	.....	.....	.....	.....	.....	.....	.....	5875	.....	.....	.....	.....	84,280	50
.....	15	.....	200	.....	15000	18	.....	.....	.....	.....	.....	.....	.....	6,314	60
.....	900	.....	35000	25	.....	.....	.....	.....	.....	.....	.....	8,899	00
.....	500	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	1,750	60
10	30	.....	.....	.....	.....	.....	.....	300	.....	.....	50	.....	.....	.....	.....	4,711	50
.....	2000	.....	.....	.....	.....	.....	20	.....	35000	2400	.....	.....	800	.....	26,607	00
150	750	4000	.....	.....	.....	.....	.....	15	.....	.....	2300	.....	.....	.....	.....	23,801	00
250	5560	67000	10	.....	.....	.....	.....	35	.....	.....	25820	.....	50	.....	.....	236,351	25
.....	6000	.....	.....	.....	.....	.....	.....	.....	.....	.....	600	00
.....	800000	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,000	00
.....	30000	.....	.....	.....	.....	.....	.....	.....	.....	.....	750	00
.....	50000	.....	.....	.....	.....	.....	.....	.....	.....	.....	400	00
6395	12719	200150	137	.....	1609	.....	50300	435	.....	88760	61343	.....	1100	.....	2000	790,969	70

RECAPITULATION showing the Number, Quantity and Value of Fishing Material, Kinds and Quantities of Fish, &c.—Nova Scotia.

No.	COUNTIES.	FISHING MATERIAL.				KINDS OF FISH.									
		Nets.		Weirs.		Salmon, barrels.	Salmon, fresh in ice, lbs.	Salmon, smoked, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, in boxes.	Alewives, barrels.	Cod, cwt.
		Fathoms.	Value.	No.	Value.										
1	Annapolis.....	46390	17120	26	3070	.....	4400	.....	.....	.....	.....	20238	34425	5	2268
2	Antigonish.....	14800	24800	.....	.....	.....	51900	.....	.....	.....	.....	200	.....	25	417
3	Cumberland.....	3659	2060	11	400	20	4920	.....	145	.....	.....	1625	.....	1475	830
4	Colchester.....	27910	7149	32	10200	29	37836	.....	.....	.....	.....	180	425	16	172
5	Cape Breton.....	52985	23141	300	210	57	2800	.....	2590	.....	.....	12646	160	148	27562
6	Digby.....	20855	22730	17	1500	.....	4000	.....	.....	.....	.....	16110	30000	.....	49380
7	Guysborough.....	185260	89870	78	10520	147	17750	7850	3240	15990	.....	27900	.....	2691	50108
8	Halifax.....	238328	77334	466	91200	.....	46446	7270	.....	15560	.....	27820	.....	2680	40180
9	Hants.....	14402	4375	5	950	1	4275	.....	.....	.....	.....	750	.....	882	.....
10	Inverness.....	65281	28414	75	750	154	16000	.....	3072	15673	.....	12748	.....	902	49739
11	King's.....	2960	2600	25	2600	.....	12900	.....	.....	.....	.....	8530	19800	10	1000
12	Lunenburg.....	59300	52550	133	28350	.....	102240	4800	.....	7612	3500	27175	.....	890	216029
13	Pictou.....	7760	9510	10300	6180	.....	72200	.....	.....	330	.....	809	.....	4	1094
14	Queen's.....	18985	9829	.....	.....	.....	37091	.....	.....	1084	.....	1692	.....	3387	17787
15	Richmond.....	117460	61265	.....	.....	40	200	.....	.....	6258	.....	12867	.....	553	30607
16	Shelburne.....	72500	20665	12	12350	.....	.....	.....	.....	11870	78000	17621	.....	610	118174
17	Victoria.....	24500	10013	.....	.....	84	.....	.....	20000	1238	28000	1157	.....	.....	20201
18	Yarmouth.....	97700	48900	16	30200	.....	8350	.....	.....	9790	5000	15002	.....	4068	99451
Totals.....		1081965	512385	11466	198480	532	423308	19920	26312	88608	114500	205070	84800	18346	721979

RECAPITULATION showing the Number, Quantity and Value of Fishing Material, Kinds and Quantities of Fish, &c.—Nova Scotia—
Concluded.

No.	COUNTIES.	KINDS OF FISH.													FISH PRODUCTS.				VALUE. \$ cts.	
		Cod Tongues and Sounds,	Pollock, cwt.	Hake and Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Bass, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Reels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gal-tons.	Fish Roe, lbs.	Fish Guano, tons.	Fish used as bait, barrels.		Fish used as manure, barrels.
1	Annapolis.....	1916	6000	4159	42060	4200	9000	22000	240	270	276000	7143	1000	2400	4200	188,970 20				
2	Antigonish.....	2380	1230	1230	1230	4200	9000	22000	240	270	276000	1000	1000	798	76,127 25					
3	Cumberland.....	245	345	545	4190	2900	2170	4850	60	560	292000	430	150	150	74,592 60					
4	Colchester.....	6	10	10	1600	400	650	1600	20	20	20	25	25	22,892 50						
5	Cape Breton.....	6	3165	11860	6	6810	20	13800	151	39	37440	13268	36	1556	226,779 40					
6	Digby.....	Home Consumption.	63986	31510	124180	268280	100	Smoked Haddies, \$6,720 ; Canned Haddies, \$7,675 ; Sardines, \$200 ; Potted Herrings, \$400 ; Fresh Haddock, \$2,400 ; Lobsters, 39 tons, \$1,560	100	19450	11434	29400	139	915400	24974	18,955 00				
7	Guysborough.....	78	324	20	10268	10810	13	100	11200	138300	127	1036456	26377	2855	711,469 70					
8	Halifax.....	453	85	12532	8523	93650	440	4270	5700	6318	5010	8	700	51790	312	695,959 65				
9	Hants.....	100	5700	6318	5010	8	508	1050	8000	8	3000	46000	671	364	206659	33300	190	2707	159	530,323 50
10	Inverness.....	510	510	450	450	508	8700	390	10500	245	171000	182960	192	3054	1600	1,531,109 75				
11	King's.....	233	17930	735	48345	202000	900	915	390	12650	68	162000	15281	1980	56,101 00					
12	Lunenburg.....	Herring, frozen.	203	275	15000	1600	12	897000	224	897000	10302	150400	10302	535	149,875 65					
13	Pictou.....	44	5	793	1700	7800	153	51924	66680	8	34,928 00	854,103 60	4600	8,000 00						
14	Queen's.....	58	6	17443	7975	20000	1820	Home Consumption, \$25,000	100	120000	10891	8	2487	160,351 40						
15	Richmond.....	Home Consumption.	6	2660	7975	20000	1820	Home Consumption, \$9,928 ; Home Consumption, \$25,000	100	120000	10891	8	2487	34,928 00						
16	Shelburne.....	Lobsters sold to Smacks for American Market, \$9,928	201	580	12719	200150	137	1600	50300	435	88760	61843	1100	2600	769,219 70					
17	Victoria.....	Home Consumption	319	6395	12719	200150	137	1600	50300	435	88760	61843	1100	2600	21,750 00					
18	Yarmouth.....	Value of various fish, not enumerated here. (See County Return)	1389	94049	59290	246969	959510	13442	12570	113235	4366	362700	2308	1343	7,689,374 75					
	Totals.....	1389	94049	59290	246969	959510	13442	12570	113235	4366	362700	2308	1343	4870339	521859	8 1598	43127	23693	7,689,374 75	

GENERAL RECAPITULATION—NOVA SCOTIA.

Kinds of Fish.	Quantities.	Rate.		Value.	
		\$	cts.	\$	cts.
Salmon, pickled	532 brls.	18	00	9,576	00
do fresh, in ice	423,308 lbs.	0	20	84,661	60
do smoked	19,920 lbs.	0	20	3,984	00
do preserved	26,312 cans.	0	20	5,262	40
Mackerel	88,608 brls.	10	00	886,080	00
do preserved	114,500 cans.	0	15	17,175	00
Herring	205,070 brls.	4	00	820,280	00
do smoked	84,800 boxes.	0	25	21,200	00
Alewivcs	18,346 brls.	4	00	73,384	00
Cod	721,979 cwt.	4	25	3,068,410	75
Cod Tongues and Sounds	1,389 brls.	7	00	9,723	00
Pollock	94,049 cwt.	3	50	329,171	50
Hake Sounds	59,290 lbs.	1	00	59,290	00
Hake and Haddock	246,969 cwt.	3	50	864,391	50
Halibut	959,650 lbs.	0	06	57,579	00
Shad	3,442 brls.	8	00	27,536	00
Bass, Trout and Smelt	488,505 lbs.	0	06	29,310	30
Squid	4,366 brls.	4	00	17,464	00
Eels	2,308 brls.	9	00	20,772	00
Oysters	1,343 brls.	3	00	4,029	00
Lobsters	4,870,339 cans.	0	15	730,550	85
Fish Oil	521,859 gals.	0	65	339,208	35
Fish Roes	8 brls.	4	00	32	00
Fish Guano	1,598 tons.	15	00	23,970	00
Fish used as Bait	43,127 brls.	1	00	43,127	00
Fish used as Manure	23,693 brls.	0	50	11,846	50
Home consumption of various counties, as per Returns				48,777	00
Haddies, Sardines, Potted Herring, Lobsters, &c., in Digby				18,955	00
Fish sold in Halifax market				31,500	00
Herring frozen in Lunenburg				450	00
Lobsters sold to American Smacks in Shelburne				9,928	00
Fish products in Yarmouth not enumerated above (see General Returns)				21,750	00
Total				7,689,374	75

COMPARATIVE STATEMENT of the Increase and Decrease of the several Productions
of the Fisheries of Nova Scotia, with 1882.

Articles.	Increase.	Decrease.
Salmon.....	barrels.....	168
do in ice.....	lbs. 5,253	
do smoked.....	lbs.	45,990
do preserved.....	cans. 25,216	
Mackerel.....	barrels. 14,906	
do preserved.....	cans. 71,900	
Herring.....	barrels. 11,709	
do smoked.....	boxes.....	74,705
Alewives.....	barrels.....	2,710
Cod.....	cwt. 110,041	
Cod Tongues and Sounds.....	barrels. 126	
Pollock.....	cwt.	12,199
Hake and Haddock.....	cwt.	27,765
Halibut.....	lbs. 207,419	
Shad.....	barrels.....	3,014
Bas.....	lbs. 3,430	
Trout.....	lbs. 27,740	
Smelt.....	lbs. 41,900	
Eels.....	barrels. 525	
Lobsters.....	cans.	95,138
Fish Oil.....	gals. 45,996	
Fish Guano.....	tons.	449
Fish used as Manure.....	barrels. 7,501	
Hake Sounds.....	lbs.	1,530
Squid.....	barrels. 911	
Oysters.....	barrels.	402

COMPARATIVE STATEMENT of Value of Fisheries in each County in the Province of
Nova Scotia, for the Years 1882 and 1883.

Counties.	1882.	1883.	Increase.	Decrease.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Annapolis.....	152,040 00	138,970 20		13,069 80
Antigonish	59,333 75	75,127 25	15,793 50	
Cape Breton	253,081 85	233,739 40		19,342 45
Colchester	55,075 30	22,892 50		32,182 80
Cumberland.....	56,943 20	74,592 60	17,649 40	
Digby.....	1,224,274 66	1,078,806 15		145,468 51
Guysborough.....	647,720 20	711,469 70	63,749 50	
Halifax.....	763,795 35	727,459 65		36,335 70
Hants.....	19,307 40	11,757 20		7,550 20
Inverness.....	316,585 75	531,323 50	183,737 75	
Kings.....	83,748 00	56,101 00		27,647 00
Lunenburg.....	1,293,882 60	1,531,559 75	237,677 15	
Pictou.....	101,640 75	164,588 60	62,945 85	
Queen's.....	151,285 70	149,875 65		1,410 05
Richmond.....	338,936 90	352,943 90	14,007 00	
Shelburne.....	813,857 15	889,031 60	75,174 45	
Victoria.....	141,961 25	159,168 40	17,207 15	
Yarmouth.....	627,948 55	780,969 70	153,021 15	
Totals.....	7,131,418 36	7,689,374 75	840,932 90 283,006 51	283,006 51
Increase.....			557,956 39	

No. 3.

NEW BRUNSWICK.

REPORT OF W. H. VENNING, ESQ., INSPECTOR OF FISHERIES FOR THE
PROVINCE OF NEW BRUNSWICK, FOR THE YEAR 1883.

St. John, 31st December, 1883.

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 1883, with synopses of the reports from local officers. Appended to these will be found returns of the catch in the several districts, in each County and in the Province. In the aggregate, these show a slight decrease from the catch of last year.

SALMON.

The improvement in the catch of this fish, reported last year, has not been maintained. The returns show a decrease of 231,576 pounds, as compared with those of last year. Though the catch was slightly better than in 1881, it was less than the yield of 1880 by 80,553 pounds, and less than that of 1879 by 861,720 pounds. The only County in the Province which shows an increased catch is Restigouche; but even in this County, where, for the last ten years the rivers have been better protected than in any other, the decline in this fishery is too plain to be denied by anyone who has not some personal interest to serve in misstating the facts. The catch last year, with all the additional nets in use, and with all the improved modes of arranging and setting them, which ingenuity and enterprise have developed in the last ten years, falls short of 1874 by 470,640 pounds. Since then, the catch has fluctuated—some years better than others, some years worse—but no year since has given anything like the catch of 1874, which was 678,500 pounds. This steady decline, even in Restigouche, will be more apparent if we take the average catch of the preceding four years and compare it with that of the present year.

In 1882 the catch was	143,591 pounds.
“ 1881 “ “	161,659 “
“ 1880 “ “	179,916 “
“ 1879 “ “	518,376 “

This would give an average of 252,135 pounds, compared with which the catch of the present year is short by 44,275 pounds. As this is the district concerning which most exaggerated statements have been made, I regret the necessity that compels me to point out their fallacy. While the supply is thus steadily decreasing, the demand grows larger, and the greater the scarcity the higher is the price. In this comfortable conviction, and in the hope that the fish will last their time, fishermen go on competing with each other who shall kill most and spare least, utterly careless of the future or of the injury they are doing the Province. In former

reports, I have expressed the conviction that the salmon fishery cannot stand the excessive annual drain made on the decreasing stock, and the returns of each successive year add strength to this conviction.

BASS.

The improvement in this fishery, noted last year, has continued; that is the catch is larger by 47,456 pounds. But the number of fishermen is yearly increasing, and the large prices obtained have stimulated exertion in the pursuit. In Northumberland, where this fishery is most largely pursued, and where it gives employment in winter to a large number of persons, the destruction of young fish still continues, in spite of the efforts of the Overseer to prevent it; without assistance he can do little good among several hundred men, who are rather encouraged to defy his authority than punished for their breaches of the law. The regulations now in force are absolutely necessary to protect the fish, and enable it to increase; any relaxation of them will be followed by an immediate falling off in the yield of the fishery.

SHAD.

This fishery shows a slight falling off from last year, although it has been pursued with increased vigour. As stated in former reports, I can see no hope of any permanent improvement in this fishery. The supposition that our catch of shad would annually improve, in consequence of the vast numbers yearly hatched by the artificial process, and turned out in American rivers, never had any foundation, in fact, and its fallacy is proven by the returns, not only in this Province but in Nova Scotia. The St. John and Miramichi are the only rivers in New Brunswick to which this fish now returns to spawn, in any large numbers. In both these rivers, excessive fishing has so reduced the stocks that, without some measure of protection, it is impossible they can increase.

ALEWIVES.

The improvement noticed last year in the catch of this fish has been followed by a decrease of 4,462 barrels. The falling off has been general all over the Province, and will, no doubt, become marked in future years; because, as the supply diminishes prices increase, and the drain on the failing stock will still be kept up. As this fish comes into our waters solely for the purpose of spawning, and only when the ova and milt of the sexes are fully ripe for depositing, the whole yearly catch consists of gravid fish, and of course both parents and progeny are destroyed. I can see no grounds for doubting that, under the present system of fishing, the species will, ere many years have elapsed, become extinct in our waters.

SMELT.

This fishery still continues to attract both labour and capital. The catch this year exceeds that of last by nearly a 1,000,000 pounds, although last year's catch was nearly a 1,000,000 pounds in excess of the year preceding.

	Pounds.
In 1879 the catch was.....	1,582,008
“ 1880 “ “	2,553,828
“ 1881 “ “	1,925,105
“ 1882 “ “	2,838,624
“ 1883 “ “	3,822,793

The facilities for transport are now so complete that large quantities are sent to the great cities of the West, and these extended markets have so enhanced prices that both shippers and fishermen are reaping the benefit. The business is now conducted on better principles; markets are supplied in accordance with the demand; gluts, that formerly reduced prices to less than first cost, are now avoided, and car-loads of smelts are no longer lost by a sudden rise in the temperature of American markets. How long the supply will continue, under the great annual drain to which our waters are subjected, remains to be seen. In the meantime, it is satisfactory to know that those engaged in the business are no longer losing either their capital or their labour.

IICKEREL AND PERCH.

The demand for these fish in American markets has not been great this year, and less attention has been given to their capture by our fishermen. The home demand has increased, and both species now find ready sale in our local markets. The fishery is confined almost exclusively to the River St. John and its tributaries, in which both species are increasing.

STURGEON.

The decrease in the catch of this fish has been very marked. The returns show a falling off of 50 per cent., as compared with last year, which also showed a great decline from the catch of 1881. Fishermen still attribute this to the high water, which prevented them from getting to work until late in the season. My own opinion is, that this is not the whole trouble, and I have strong doubts that the stock in the river was ever so large as sanguine fishermen believed, and that the large catches of former years are now telling the usual tale of all excessive fishing. The present regulations, if adhered to, are sufficient to afford the fish reasonable protection, and I see no cause to recommend any change.

HERRING.

The catch of this fish has been large, the returns showing an increase on that of last year. The quantity salted has been rather less than usual, but the number of boxes smoked, and the quantity used as sardines, are largely in excess. The continued demand for sardines has enhanced the price, and this branch of the business has been profitable to fishermen. This increased consumption of small herring does not yet seem to have lessened the supply; but I would again urge that the spawning places of herring be protected, and fishing in them prohibited during the spawning season. Between Roger's Head and McCoy's Head, below Cape Spencer, in St. John County, there is an extensive spawning ground to which a large number of fishing vessels resort every season for the purpose of taking herring in the very act of spawning. The numbers of herring taken and the quantity of spawn destroyed are immense. I cannot too earnestly urge that this destruction of spawning fish be prevented, by prohibiting fishing within the limits of the spawning ground. When the Southern Head of Grand Manan was left unprotected for several years, the herring fishery of Charlotte County was almost annihilated. As soon as protection was restored, the fishery improved, and has continued good ever since; but only during the last few years has the great drain been made on young fish. Complaints are increasing, from both weir and net fishermen, against the mode of fishing known as "driving," in which torches, composed of cotton waste or oakum saturated with paraffin oil, are used. The oil from the torches pollutes the water and drives the schools from the shores. There is no doubt that this is a very objectionable mode of fishing, and I would again call attention to the necessity of prohibiting it.

MACKEREL.

This fishery is not pursued with any vigor in New Brunswick, although every year immense schools of mackerel are found in all our northern waters. Our fishermen have neither suitable vessels in which to follow the schools, nor suitable seines to capture them. The fishing is done in the old and primitive shore boat, with hook and line, and when the fish will not take bait, none are caught. Nothing but want of enterprise prevents our fishermen from following the mode of fishing adopted by American mackerel men. With suitable vessels and suitable nets, there is no reason why they should not share in this valuable fishery. No fish is more easily cured, none bring such high prices, and for none there is a larger demand. Though considerably more than last year, the catch has been very small.

COD.

There is a large increase in the catch of this fish, compared with that of last year; but the lobster fishery in the northern counties, and the sardine fishery in Charlotte have given employment nearer home to the fishermen who formerly made cod-fishing their principal business. While these shore fisheries continue to give remunerative employment, no great increase in the catch of deep-sea fish can be expected; but where the supply of lobsters has been exhausted, our cod fisheries will furnish more profitable employment to those who are now doing their utmost to hasten the time when they must revert to their old avocation.

HALIBUT, POLLOCK, HAKE AND HADDOCK.

The causes mentioned above have, for several years past, greatly reduced the catch of all these fishes, Halibut fishing has been almost abandoned, while pollock and hake have been pursued in a desultory manner. Even the large demand for smoked haddock, and the consequent good prices offered for fresh fish, have not induced our fishermen to leave the more easy lobster fishing and the more profitable sardine fishing.

LOBSTERS.

The effects of the enormous annual drain made on this shell-fish for the last fifteen years, are now plainly to be seen, and even interested cupidity can no longer deny them. Though the number of factories has increased and greater numbers of men have been employed, the returns show a decrease of nearly 2,000,000 cans, compared with the quantity put up last year. This serious decline in numbers, added to the still more serious decline in size, visible everywhere, points to the certain extinction of the fish, if the business continues to be pursued on the same excessive scale. In former reports, both annual and special, I have expressed my conviction that no creature can long withstand so great a yearly drain as has been made on the lobster. This drain has been out of all proportion to the power of so slow-growing a creature to multiply. Even the canners themselves are now convinced of this fact; but in the hope that the fish will last their time, they are redoubling their exertions to increase their catch; are endeavouring to make increased numbers of small fish compensate for the almost total absence of large ones, and are striving to have the present insufficient restrictions relaxed. While every officer in the Province in whose district this fishery is pursued, records the fact of its failing supply, none of them, except Overseers Wyse, of Chatham, Girouard, of Buctouche, and Deacon, of Shediac, offer any suggestions for its improvement or conservation. I have given their opinions in their own words in the abstracts from their reports. Whatever opinion I may entertain of the practicability of Overseer Wyse's views, it cannot be

denied that their adoption would give lessees a direct interest in so conducting their business that their breeding stock could not be exhausted, and that none but mature and healthy fish should be killed. At present, neither canners nor fishermen have any interest in protecting or conserving the fishery—their interest now lies rather in destroying it by over-fishing. But with respect to the opinions of Messrs. Deacon and Girouard, my own observation forces me to differ from their conclusions. The present close time extends from 20th August to 20th April, a period of eight months. Soft-shelled lobsters, those with eggs attached, and all less than 9 inches in length, are now forbidden to be killed. With all this protection the fishery shows indisputable signs of exhaustion. Not only is the supply failing, but the average size has fallen below 9 inches. Had the law been rigidly enforced this season, every cannery in the Province would have been closed. In the face of these undeniable facts, I cannot see how *extending the fishing season* is going to improve matters— increase the supply of fish or raise their average size. My conviction is now what it has been for years, that the fishery has been pursued to so unreasonable an extent that it is sheer folly to suppose it can continue much longer on the same extravagant scale. Mere tinkering with it will do no good. This has been tried and has failed most signally. Some radical change must now be made or the fishery is doomed to extinction. Quarrels and disputes about fishing limits are yearly increasing, and these add very much to the onerous duties of fishery officers. If the fishery were placed under license, it could be controlled for the eventual benefit of all concerned.

OYSTERS.

The demand for oysters and the good prices obtained have stimulated production everywhere, and the depleted beds are now raked more industriously than ever. Like the 'tailings' of the gold diggings, something can yet be tortured out of some of them; but these very efforts to meet the demand shuts the door against all hope of any improvement from natural increase. In Westmorland, where the largest supplies were formerly obtained, the increased demand and improved prices have failed to produce an increased yield, which clearly shows that these once prolific beds are now exhausted. Over-fishing and indiscriminate raking have done their work very effectually. Oyster culture by private enterprise is the only means by which an increased supply can now be obtained.

SYNOPSIS OF OVERSEERS' REPORTS.

RISTIGOUCHE COUNTY.

Overseer Verge, of the Upper Division, reports an increased catch of salmon. The figures show 78,660 pounds, against 55,183 pounds last year. In 1881, the catch in this division was 70,000 pounds; in 1880 it was 63,520 pounds, and in 1879 it was 135,262 pounds. The average catch for the four years, 1879, 1880, 1881 and 1882, would be 82,741 pounds; so that the catch this year, although better than last, still falls short of the average by 4,081 pounds. Mr. Verge expresses his satisfaction at the manner in which the regulations have been complied with, and especially that which curtails the angling season. He also expresses great satisfaction with the thorough protection his special Guardians have given to the spawning beds. Neither settlers nor Indians have disturbed the breeding fish, and he anticipates good results from their labours.

Overseer McPherson, of the Coast Division, also reports a better year for salmon. The returns show a catch of 129,200 pounds—an increase of 38,792 pounds over that of last year; but this falls short of 1879 by 245,914 pounds. There is also an increase

in the catch of lobsters and herring; but the mackerel fishery has been a failure—even worse than last year.

GLOUCESTER COUNTY.

Overseer Hickson says:—"I am sorry not to be able to report an improvement in our salmon fishery. I have almost given up hope of ever seeing a permanent change for the better. It is, of course, not to be expected that a small stream like the Nepisiguit, over-fished as it is by anglers, can furnish salmon enough to keep up the supply in spite of the drain that is yearly made on its stock. If any benefit is to be derived from the hatching houses in Restigouche and Miramichi, our river and our fishermen should share in it. The steady decline in the catch of salmon on our coast indicates the end of this fishery at no distant day." He reports a diminished catch of lobsters. Had prices not advanced at the close of the season, every packer in the county would have lost money. Nearly all are short of their contracts, and some have lost heavily by default. Mackerel were more plentiful than last year and a larger catch has been made: but this fishery is not pursued with much vigour. Two traps were licensed last season after the salmon season was over, one of which did very well, but the other barely paid expenses. The catch of herring was much larger than last year, as also was that of cod; but our fishing firms are not yet alive to the value of this fishery when properly pursued as is by a few large Jersey Houses on the other side of the Bay.

Overseer Haché, of Shippigan, reports a small catch of salmon, but a better catch of cod and herring. The smelt fishery yielded about the same catch as last year. The lobster fishery in this district, as in all others show a decreasing yield, and some of the factories have done a losing business from scarcity of fish,

Overseer Sewell, of Pokemouche, reports about an average catch of salmon, but a much better return of mackerel, herring, alewives, bass and cod. Lobsters were very scarce and the catch very small compared with former years.

Overseer Muzzeroll, of Tracadie, reports a good catch of cod and herring, but an almost total failure of alewives and lobsters. The catch of smelt was about the same as last year, but that of salmon fell much below.

Overseers Haché, of Caraquet, *Poirier*, of Grand Anse, and *Cormier*, of the Herring Banks, have not sent me any reports of their districts; but from reliable information, obtained from other sources, there has been no important change in the fisheries. About an average season was made in most all the fisheries pursued. The decline, if any, was more marked in lobsters.

NORTHUMBERLAND COUNTY.

Overseer Stymast, of Tabusintac District, reports that salmon have been scarce and the catch was much smaller than that of last year. Mackerel were plentiful in the Bay, but as they would not take bait, and fishermen were not prepared with suitable nets for their capture, the catch was very small. Cod fishing was pursued to a limited extent, and the catch was very encouraging. Bass were plentiful, and the fall fishing with hook and line gave good returns to those who engaged in it. The catch of smelt was somewhat less than last year, and the lobster fishery was a failure, compared with previous years.

Overseer Robichaud, of Neguac and Portage Island District, reports a much smaller catch of salmon, but he is unable to assign any cause for the decrease, except scarcity of fish, as the season was favourable and the fishery was pursued with more than usual energy. Herring, cod and mackerel gave about an average catch. Fall bass fishing, with hook and line, was profitable, and the winter smelt fishery was very good. Lobster fishing in this district was a failure, and fishermen lifted their traps before the season ended, as the catch was too small to pay for the labour of collecting it.

Overseer Noble, of Escuminac and Fox Island Districts, reports a very poor season for salmon, and he thinks the large catches of former years are among the things that have passed, never to return. The spring herring fishery was very good, and a large quantity was caught for lobster bait and home consumption. The lobster fishery continues to decline and has ceased to be a profitable business.

Overseer Williston, of Bay du Vin, reports a very poor catch of salmon, and as fishermen made extensive preparations for a good season, in consequence of the slight improvement last year, many of them did not take enough to pay expenses. Sbad gave about an average catch and were in excellent condition. Herring were plentiful but alewives very scarce. Good catches of bass were made, both spring and fall, by hook and line. The quantity of smelt caught in the winter was very large, and gave good returns to fishermen and dealers.

Overseer Russell, of Grand Downs and Lower Newcastle District, reports as follows:—"I regret to state that the catch of salmon is far short of last year. At Grand Downs the catch this year was 700 lbs., last year it was 2,800, being a decrease of 2,100 lbs.; at Oak Point, the catch this year was 7,210 lbs., last year 17,400 lbs.; decrease 10,210 lbs. At Lower Newcastle this year's catch was 7,770 lbs., last year 21,430; decrease 13,660 lbs. Making a total decrease in the district of 25,970. The fishery was prosecuted with as much attention as last year, and the falling off is owing to the scarcity of salmon in the river. Alewives gave a poor catch, but bass were plentiful and hook and line fishing good. The catch of smelt was not so large as last year, owing to the ice not being strong enough for fishermen to set their nets until the best run was past. The close time was well kept and there was no illegal fishing.

Overseer Wyse, of Napan and Chatham Districts, reports a serious falling off in the salmon catch, although fishing was pursued with unusual vigor. The catch this year was only 20,000 lbs., against 50,000 last year, showing a decrease of over 50 per cent. A great improvement was made in the management of the smelt business last winter, and better prices were obtained. The principal dealers have formed a club, and control the shipment in such a manner as to prevent the markets from being glutted. Frost fish, or tom cods, which were formerly wasted in large quantities now, find sale at remunerative prices, and a good business is done in exporting them. Bass fishing with hook and line was productive and profitable. The lobster fishery shows a decrease, compared with last year. Mr. Wyse, who was formerly extensively engaged in the lobster business, says in his report:—"No improvement will be seen in this important branch of fishing industry until Government adopts the principle of leasing portions of the coast to responsible packers, and places the whole business under license. These lessees should give bonds to protect the fish by having all undersized and spawning lobsters returned to the water when their traps are unloaded. Officers should be specially appointed to see that this is done, and if any lessees or their servants are detected in using such fish, their bonds should be forfeited and their establishments closed. No other means, in my opinion, will preserve this fishery from destruction."

Overseer Hogan, of Newcastle and North Esk Districts, reports a decrease in the catch of salmon, as compared with last year. In May and the early part of June, the catch was fair, but as the season advanced, fish became scarce, until the close season commenced. From 20th September to the end of October the run of late fish was good; but the water was so low they could not get up the rapids, and consequently they became an easy prey to poachers in both branches of the river. A great many nets were seized, but the owners could not be ascertained. The nets employed in this illegal fishing are generally old and of little value, so that the poacher incurs but trifling loss when they are seized. The pools in the upper reaches of the river have especially suffered from illegal fishing. There are so many lumbering roads through the woods, that it is an easy matter for any one acquainted with them to get to the different pools without detection. Mr. Hogan urges the employment of special Guardians to protect the spawning grounds. These should camp in the neighbourhood and devote their whole time to the duty, from the 1st of August until the end of October. Bass were plentiful, and the catch exceeded that of last year. A great

many undersized fish are still caught, and every device is adopted to evade detection. The fishing grounds extend about 15 miles, and in this distance there are about 350 fishermen and three times that number of holes cut in the ice. Fishing is best on cold and stormy nights, and more persons are then on the ice than at any other time. In this distance, there are but two Wardens, and they cannot stay at home and look after the bass fishing for the small pay they receive, but are obliged to go to the lumber woods in winter to support themselves and families. These men get no more pay than other wardens, who have no duty at all to do in winter. In the absence of the Wardens, Mr. Hogan has found it necessary to employ assistance, as it is impossible for one man to do the work. He recommends a regulation to prevent the shipment of bass during the close season, unless the boxes are examined and marked by a fishery officer. Under the pretext that bass are stored in freezers during the open season, considerable quantities of fish illegally caught are shipped during the close season.

Overseer Parker, of Derby, has sent me no report, but *Overseer Holt*, of Blackville, who had charged of the district before Mr. Parker's appointment, reports a poor catch of salmon in both districts. This he attributes to the river being full of running logs nearly all summer, which prevented nets from being set the best part of the fishing season.

Overseer Freeze, of Doaktown, reports as follows: "The catch of salmon has fallen off considerably this season. The causes are over-fishing below and extreme lowness of water. The oldest inhabitants say they never saw the river so low as it has been the past summer. During the spawning season, salmon were very scarce, and in my opinion, very few reached their spawning places above, and fewer still were allowed to spawn below. I am sorry to have to report much poaching from the head of tide to the sources of the river. In my district I have had great difficulty with poachers and prosecuted a number of them. They were not convicted, because the witnesses were intimidated by the accused, and did not tell the same story in court that they did in private. I have seized quite a number of nets illegally set, but they are old and worthless; I could not discover the owners. A warden, about 7 miles above me, would be of great service in protecting the river from poachers, and I would beg to recommend that one be appointed."

Overseers Bamford, of Blissfield, and *Cameron*, of Stanley, report to the same effect, that the extreme lowness of the river prevented salmon from ascending, and consequently very few reached the head waters. This unprecedented drought was very favourable for poachers, who took every possible opportunity to violate the law and evade its officers.

KENT COUNTY.

Overseer Guimon, of St. Louis Division, reports that salmon fishing was not so good as last year. Mackerel and herring gave somewhat better returns to the few fishermen who engaged in their pursuit. Cod and hake were plentiful off shore, and these deep sea fish will afford profitable employment to all who will undertake their capture in suitable boats. Shad and alewives are becoming very scarce, and but little attention is now given to them. The small quantities caught are used in home consumption. The catch of bass was double that of last year. Smolt fishing was about the same as last year, but prices were better, and large preparations are being made for this winter. The catch of lobsters was very much smaller than last year.

Overseer Hannah, of Richibucto District, reports a falling off in the catch of salmon; but alewives and bass gave about the same returns as last year. Cod and herring show a decrease. Lobsters were less plentiful than last year, and the catch has been considerably reduced, although not so much in this district as in others.

Overseer Girouard, of Buctouche, reports about an average catch of all kinds of fish frequenting the Bay. Mackerel and herring show an increase; alewives and bass about the same as last year. The catch of smelt was more than double, and prices

were better than formerly. The demand for oysters has stimulated production, and the quantity raised has more than doubled that of last year. The lobster fishery shows about the same catch as last year. Mr. Girouard urges a close time, from 15th July to 15th August, with liberty to fish as early in the spring and as late in autumn as the weather will permit. He thinks the packers will all agree to this, and he expresses his belief that this would afford better protection to the lobster than the regulations now in force.

Overseer Cormier, of the Lower District, reports a large increase in the catch of spring herring, and also in that of mackerel. The catch of smelt exceeds that of last year; the quantity of alewives caught was about the same. A larger quantity of oysters was raised, the increased demand and better price having stimulated industry in this direction. The weight of canned lobsters falls much short of last year, the average size of the fish being much smaller. This is one of the surest signs of a failing fishery, and indicates that the present minimum of 9 inches is too small.

WESTMORELAND COUNTY.

Overseer Deacon, of Shediac and Cape Tormentine, reports as follows:—"The catch of fish, generally, has been good. Mackerel were plentiful and of good quality. A fair catch of bass was made with hook and line. The catch of smelts exceeded that of last year, and the weather was very favourable for shipment, being constantly cold; dealers therefore did a good business. A great deal of travelling is necessary to keep fishermen up to the regulations, and to see that none use illegal nets or fish without license. The catch of spring herring was very good, and the quality much superior to the usual run. There were twelve lobster factories in operation in the district. I found lobsters this year scarcer and very much smaller than in previous years. I would again urge that the close season be from 15th July to 15th August. This would give the only close season required, and with that the fish would be better protected than they are at present; the packers would do better, and the consumer would get healthy fish to eat, with this close season; all berried lobsters released, and a vigilant watch kept over the factories, there will be some hopes of keeping up the supply. I find packers look only to present profit, and continually violate the law, when they can do it without detection."

Overseer Goodwin, of Bay Verte and Sackville District, reports an increased catch of herring. The consumption of this fish, both as food and as lobster bait, has largely increased, and although prices are low, the facilities for taking them are so great, that at the end of the season the fisherman finds quite a good margin of profit for his labour. Mackerel fishing was almost a failure; though fish were plentiful off the coast and in the Bay, they would not, except occasionally, take bait, and but few were caught. Lobsters are plentiful in the Bay; but as yet no factory has been started in the district. The failure of this fishery in other places will probably induce the erection of a factory ere another year has passed. Mr. Goodwin says:—"I regret to note that shad fishing at Wood Point, Sackville and Rœkport shows a decrease. In June and July, there were some good catches; but as the season advanced fish became scarcer. The quality was very fine, the best I have seen for many years. Prices ranged from \$10 to \$12 per barrel, and even at these prices the supply was not equal to the demand. I have no suggestions to make; the regulations are fairly observed. I have some trouble occasionally with mill-owners, on the score of sawdust, but this nuisance is being removed, and will, I am in hopes, be entirely removed in the near future."

Overseer Cormier, of Dorchester Bay District, reports a smaller catch of shad than last year. He attributes this decrease to spring fishing in the Bay, by which the parent fish and all their progeny are destroyed. The good quality of the fish and the better prices obtained have, in a great measure, compensated for the decreased catch.

ALBERT COUNTY.

Overseer Stewart reports about an average catch of all the usual fish in his district. Herring and shad gave more than an average catch, but alewives fell short. There were but five weirs built this year. The whole catch of the district is for home consumption. The fisheries are not extensive, but they are of considerable local value to an agricultural population, which devotes its spare time to fishing.

VICTORIA COUNTY.

Overseer Ryan reports as follows:—"There was a good run of salmon in the Tobique this season. The principal violation of the law consists in the use of the spear. Neither Indians in the village nor settlers on the Tobique can be induced to use nets. Their only implements for fishing are the torch and spear, and the only means by which they can be prevented is the employment of a few special Wardens, engaged for the season and paid daily wages. If these men neglect their duty, they should be discharged and others employed. The sole occupation of these men, during their engagement, should be the protection of the fish. Stationary Wardens are of no use whatever; they should be dispensed with, and in their place these travelling guardians should be constantly moving on the river, while fish are running, and when they have reached their spawning grounds, the guardians should camp there and protect them from the spear of the poacher. I had one such man employed this season, and I can confidently say he has done more to protect the fish than all the stationary Wardens on the river. I can say positively that there has not been six salmon speared in the Tobique this summer. I know of but one, while last season there were some hundreds speared." From the peculiar character of this river, its limited settlement, its long stretches of unbroken wilderness, where the Indian and the hunter are the only visitors, I know of no other means than those described by *Overseer Ryan*, and repeatedly urged by the late *Overseer McCluskey*, for protecting the salmon that yet resort to it in considerable numbers.

CARLETON COUNTY.

Overseer Lindsay, of the Upper District, reports that the water was very low in both branches of the South-West Miramichi, and that but few salmon reached their accustomed haunts until late in the season. Those that did reach their spawning beds in the district were not molested by the settlers, and the angling season being over, no sportsmen were camped on the river, so that the fish were not disturbed while spawning.

Overseer Burt, of the Lower District, reports but few salmon caught. The extensive lumber drives in the river all summer prevented nets from being set. In fact, there is very little fishing in this part of the river, and less interest is taken in it every year, for the quantity caught for several years past has not paid for the labour of setting and attending nets.

Warden Scott, at Bel River, reports a very poor catch of salmon in May, June and July, but in August there was a good run and a considerable number were caught. Shad and bass were scarcer than usual, and but little effort was made to capture them. He reports a seizure of three salmon nets found fishing in September.

YORK COUNTY.

Overseer Orr reports that salmon were more than usually scarce this season, and very few were caught. Whitefish have been more plentiful, and a large number were caught for domestic use. No close time has been fixed for this fish, and numbers of gravid fish are taken. Mr. Orr recommends that no fishing for them should be

allowed after September. Bass were more plentiful than last year, but shad scarcer. This scarcity of fish has led to some illegal fishing, and the confiscation of a number of nets, the owners of which could not be ascertained. Mr. Orr says:—"On that portion of the South-West Miramichi which runs through York County, much illegal fishing has been done. Poachers there set the law at defiance, and without assistance I cannot prevent them. The district is so extensive, and the facilities for poaching are so great, that I can see no way of protecting the spawning fish, but by employing special men to camp on the river, and devote their whole time to its protection, after the 1st of August until the middle of October."

I have no report from Wardens Brown, of Southampton, or Campbell, of Kingsclear; but on my annual visit to these districts, I learned that, in both, all kinds of fish were very scarce, and but few nets were set.

SUNBURY COUNTY.

Overseer H ben reports that there was a larger catch of shad and alewives than there was last season. The catch of salmon was very small. The number of sturgeon nets set in the Lower Counties the last two seasons has prevented many of these fish from getting up the river, as formerly, and no nets were set this season. Pickerell and perch were plentiful, and preparations are being made to pursue these fisheries through the ice this winter. Bass were not as plentiful as last year, and less attention was given to their capture. The close time was well observed, and no occasion arose for imposing penalties for illegal fishing.

QUEEN'S COUNTY.

Overseer Hetherington reports a very poor run of salmon. The catch of alewives was not so good as that of last year, but the quantity of shad caught was somewhat larger. Pickerel and perch are now caught in considerable quantities, both for local markets and for export to the States. Mr. Hetherington recommends that drifting for shad be prohibited in Washademoak Creek, Jemseg, and the thoroughfare between Maguapit and Grand Lakes. He states that drift nets in these places prevent the fish from entering the lakes.

Warden Phillips, of Canaan River, reports that after the close season for salmon commenced, quite a nice run ascended that stream, which he had some difficulty in protecting from the spears of Indians, and others who have not their excuse for poaching. This river was formerly one of the best nurseries for salmon among the tributaries of the St. John. 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, in this County. Had any considerable proportion of these attained maturity, they should now begin to show themselves. It is just possible that those seen by Warden Phillips may be some of them grown to maturity. If so, we may reasonably look for a larger number in future years. Careful enquiry has thrown no light on the fate of those placed in Salmon River. So far as I have been able to learn from very reliable parties residing on the river, no sign of them or their progeny have ever been seen.

KING'S COUNTY.

Overseer Belyea, of Westfiel and Belleisle District, reports a very small catch of salmon, but bass, shad, and alewives were more plentiful than last year and gave larger catches. The sturgeon fishery was confined almost entirely to this district, and though vigorously pursued, yielded less than half the quantity caught last year. Mr. Belyea is at a loss to account for this great falling off, unless it arises from over-fishing in former years. Those engaged in the business think the poor catch was

caused by the high freshet in the spring which prevented nets from being set until June. There are difficulties in the way of both these surmises, and at present I cannot fully accept either. The result of next season's fishing will probably solve the question. In the meantime I fully agree with Mr. Belyea that no good reason exists for making any change in the present regulations.

Overseer Gosline, of Kennebecasis River and tributaries, reports but little change in the district. The extremely dry season made the rivers so low that fishing of all kinds was very poor. Some sturgeons were caught in the mouth of the river, which are included in Overseer Belyea's returns. At the present time, considerable numbers of hake, post-fish and smelts are being caught in the lower part of the river.

ST. JOHN COUNTY.

Overseer O'Brien, of the harbour district, reports as follows:—"There was a large falling off in the catch of salmon, as compared with last year. Alewives, also, gave a smaller catch, but the increased price obtained more than made up for the deficiency. The destruction of small fish in the wiers must tell upon the future supply, if some steps are not taken to prevent it. The catch of herring off the harbour last winter was unprecedented—nearly doubling that of any former years. At one time a hundred sail of small vessels were fishing in the mouth of the harbour and around Partridge Island. All made good fares, some exceptional catches being enormous. The winter was very favourable for the frozen fish trade, being dry and cold, enabling fish-dealers to send their herring to all parts of Canada and the United States. With so many outlets, the price was kept up all the season. Encouraged by this success, last winter quite a number of small vessels have been built, especially for this business; the bounty, also, being an inducement to pursue it. Many persons, competent to form an opinion, think that if the bounty all went to the vessel, it would cause a better class of craft to be built for fishing, and the crews manning them would indirectly get a benefit. As it is at now, the crews of vessels are changing so frequently, that it is difficult to distribute the bounty properly. But, even as at present distributed, there is no doubt that the bounty will do much to develop our fisheries."

Overseer Skillen, of St. Martin's district, reports as follows:—"The present season has not met the anticipations of our fishermen. The catch, though slightly better than last year, is not in proportion to the means employed. Fish were very late in striking our shores, and the whole work of the season was done in a very short time. Lobster fishing, in this district, is being more industriously followed. The fish are plentiful and of good quality along our shores. Heretofore, they have been but little fished. The scarcity in other places will, no doubt, develop a good business here. During the present season, I carefully examined the herring spawning ground, between Roger's Head and Ten Mile Creek, on which I formerly reported. This year it was nearly the end of July before the school came to spawn. They nearly all struck the shore below the creek, and immense hauls were made while they remained. It is much to be regretted that all fishing on this spawning ground is not prohibited. The great demand for "sardines," which is yearly becoming greater, and the increasing value of the young herrings, make it very necessary, that if the supply is to be maintained, all spawning places should be rigidly protected, and I would again urge that the great destruction of gravid herrings, which has heretofore been committed on this spawning ground, be prevented in future."

CHARLOTTE COUNTY.

Overseer Todd, of St. Croix District, reports a falling off in the catch of all fish except alewives. By employing a night watchman, in connection with one employed on the American side by the Maine Commissioners, drifting for salmon in the St. Croix has been entirely prevented. The fishways are all in good order, and have been kept

open during the season. A new and costly one has been built at Salmon Falls, by the Cotton Mill Company. It is a first-class structure, and will afford an easy passage over the dam. A new one was also erected by Messrs. Broad at their dam on Denis Stream. Mr. Todd says: "The Maine Commissioners of Fisheries, Messrs. Stillwell and Stanley, take a great interest in improving the St. Croix River, and they are doing all in their power on the American side to protect and increase the supply of fish. I am indebted to them for a ready compliance with all my suggestions which can contribute to this end, and especially for their co-operation in putting a stop to drifting for salmon, by employing a special night watchman, to take alternate nights with my guardian."

Overseer Cunningham, of St. Andrew's Bay, reports that the winter herring fishery was not so good as last year; but prices were better and made up for the diminished catch. Sardines or small herring show an increase over the take of last year, and prices were well maintained during the whole season. A new sardine factory has been established at St. Andrews, and hopes are entertained that there will be a good demand for sardines in Canada. Should this be the case, there will be a brisk demand for small herring close to the weirs, the catch of which are now sent to Eastport at considerable expense. Mackerel were scarce, and but few were caught. Cod, pollock, hake and haddock show a small increase over last year's catch. The bounty given by Government has, no doubt, stimulated industry in this direction. It has certainly led to a larger number of vessels and boats being engaged in the outside fisheries. Last year there were six vessels employed; this year there are fifteen, besides twenty good boats. There have been no lobsters canned at St. Andrews this year. Mr. Hartt has closed his factory and gone into the sardine business. There were, however, some fifty tons sold fresh to dealers. This cessation of lobster canning will give the fish a chance to increase, which they would hardly have got had the factory continued in operation.

Overseer Best, of Beaver Harbour, reports a good season's fishing. Winter herring gave a good catch, but hake and haddock gave smaller returns than last year. Cod and pollock show a slight increased catch. Weir fishing was very good; prices were well maintained during the season, and the business has been more profitable than any previous year in the Overseer's memory. Most of the catch was sold to the sardine factories; the balance was smoked for export. Lobster fishing was not followed to any extent since the factory closed at St. Andrews.

Overseer Lord, of LaTête and West Isles, reports as follows:—"The catch of line fish, with the exception of pollock, is smaller than last year by nearly one-third. The falling off in this fishery is, no doubt, owing to the demand being less, on account of the large catches of cod made on the banks by the American and Nova Scotia fleets engaged in that fishery. The demand for line fish is regulated by the price of cod, and when this is low, the demand for other fish is small. Pollock brought a fair price, and the catch was better than that of last season. The catch of lobsters was very small and is yearly becoming less. Excessive fishing in past years fully accounts for the present scarcity. There is a slight decrease in the quantity of smoked herring, the price of which was fair in the spring, but is now very low. Winter herring fishing was not good in this district. For some unknown reason, the fish did not visit our waters, but our fishermen went to Grand Manan, and afterwards to St. John, where fair catches were made. The price was better than last year's, giving fishermen a fair remuneration for the season's work. The catch of sardines was somewhat less than that of last year, but prices averaged higher, probably about \$10 per hogshead, which more than made up the deficiency. The proceeds, however, were not very evenly divided—some weirs making large profits, while others did comparatively little. The result of this uncertainty may yet be salutary and deter many from neglecting more certain modes of fishing and from putting their money, time and labour into weirs, which very often turn out to be valueless. A large amount of capital and labour has been expended on weirs during the last few years, which are now abandoned without having paid a quarter of their cost. The outlook for next year seems good, as several new factories are to be started in the spring.

fish continue to be plentiful, we look for another good season's work. I must again call your attention to the very objectionable practice of 'driving' herring, and urge that it be prohibited. It is manifestly unfair to the weir owner, who has spent a large sum in building his weir, and paid for his license regularly, to see the fish driven from it by torches, and the water so polluted by the oil dripping from them that the whole school deserts the neighbourhood. Complaints are constantly made to me by weir owners, who have suffered from this cause, and while I know their cases are particularly hard, in the present state of the law I am powerless to help them."

Overseer Brown, of Campo Bello, reports about an average catch of fish of all kinds in his district. Small herring for sardines have been more than usually plentiful, and good catches have been made by many of the weirs.

Overseer McLaughlin, of Grand Manan, reports as follows:—"We have yet a month to fish before the year's work will close, and I have no reason to doubt that this month will add many hundreds of dollars to the sum total for the year. I have now to report that there has been a large decrease in the catch of hake, but all other branches of line fishing have been very good, though we have few vessels engaged in the fisheries, and not one 'banker' is owned in the Island. The great increase in the herring fisheries of Grand Manan has led our people to that branch of business almost exclusively. In this fishery, only boats are employed, and a failure in herring, even for one year, would cause great distress in the Island. The schools of herring in the waters of Grand Manan have been wonderful, and the catch in weirs and nets has been correspondingly great, the value of which will exceed that of former years. An establishment for the manufacture of 'guano' from fish offals, was erected at North Head, but it has been unsuccessful this year, on account of the small catch of hake. Only about fifty tons were made. Neither of the lobster factories has been in operation this year, the whole catch of lobsters having been smacked to the State of Maine, where they brought good prices. No large body of mackerel came into our waters this season, and only a few barrels were caught in the weirs; these were of good quality. The annual close time at Southern Head spawning ground has been well observed, but it requires constant attention to prevent encroachment on the limits. In conclusion, I would beg to say that a change in the bounty system would better suit this Island. The bounty should go to the vessels of from ten to eighty tons, and none should be given to boats. We have too many fishing boats now, while our vessels hardly deserve the name. A bounty on tonnage would lessen the boats and increase the vessels, and create a better class of fishing craft. With us, the fishermen would get the bounty, as they would own the vessels, and a fleet of good vessels would enable our fishermen to share in the deep-sea fisheries."

From the foregoing report and abstracts, Your Honour will observe that several measures are necessary for the protection of our Provincial fisheries. I can hold out no reasonable hope of any permanent improvement in the salmon fishery, so long as the present excessive fishing is carried on. But to prevent its total destruction as a profitable industry and a source of wealth to the country, the protection of the parent fish while exercising their pro-creative instincts, is absolutely necessary. Ten years ago, and every year since, I called attention to the threatened extermination of the lobster, from excessive fishing. This extermination is now so imminent that even selfish cupidity can no longer shut its eyes to the fact. The curtailment of this excessive fishing has now become absolutely necessary to the continual existence of this valuable crustacean on our coasts. To foster and protect our yet valuable herring fisheries, I have urged and now beg again to urge the prohibition of all fishing within the limits of a spawning place, while herring are there depositing their spawn and milt. I also beg to urge again the prohibition of that mode of taking herring called "driving," which is described in my annual report for 1881, page 54. This practice is increasing and is doing great injury to the fishery and great injustice to their owners. Shad and alewives are yearly decreasing in numbers, in consequence of over-fishing. The existence of these species in our waters depends now on the curtailment of this

excessive fishing. I would again urge an additional close time, to enable a better stock of parents to reach their spawning grounds. I would beg to call Your Honour's attention to the remarks made in my last annual report on the changes that have taken place since I entered on my duties as a fishery officer, and to facilitate this, I ask your indulgence for repeating them:—"Since the organization of the fisheries service in this Province, the circumstances of many of the districts have essentially changed; new branches of fishing have arisen; old branches have been greatly developed; more men and more costly materials are now employed; more ingenious modes of fishing, and more ingenious modes of poaching have been adopted; and the duties of fishery officers have much increased. The scale of salaries originally fixed for many districts was ill-calculated to secure the services of competent and faithful men to undertake the unpleasant duties required of them. Many of these salaries, originally too small, are now quite inadequate to remunerate Overseers and Wardens in many districts for the increased duties these changes have devolved on them, and their readjustment has become necessary. I would again recommend these and some other matters on which I have made special reports, to your favourable consideration."

I have the honor to be, Sir,

Your obedient servant,

W. H. VENNING,

Inspector of Fisheries, N.B.

RETURN showing the Quantity and Value of Fishing Material, Kinds and Quantities of Fish, &c., in the Province of New Brunswick, for the Year 1883.

District.	FISHING MATERIAL.						KINDS OF FISH.												
	Nets.		Weirs.		Smelt Nets.		Lobster Traps.		Salmon, brls.	Salmon, fresh, in ice, lbs.	Salmon, smoked, lbs.	Salmon, in cans, lbs.	Mackerel, brls.	Mackerel, in cans.	Herring, brls.	Alewives, brls.	Cod, cwt.	Cod Tongues and Boulds, brls.	Hake, cwt.
	Fathoms	Value.	No.	Value.	No.	Value.	No.	Value.											
<i>Restigouche.</i>																			
From Tide Head to Dalhousie.	8,250	\$ 8,250								78,660									
From Dalhousie to Belledune.	9,249	\$ 4,624				1,160	1,160		129,200					900					
Totals.....	17,499	\$ 12,874				1,160	1,160		207,860					900					
<i>Gloucester.</i>																			
Petit Rocher.....	450	4,990							69,484				500	31,368	1,000		1,500		
Bathurst.....	6,053	6,053							59,000			250	250	409	250		2,600		
New Brandon.....	4,722	4,722										500	500	3,000			4,090		
Caracquet.....	2,990	1,536			9	270	3,000	3,000				150	150	10,990			10,000		
Grand Anse.....	3,000	1,500					4,800	4,800	8,000			1,500	200	2,000			2,000		
Shippegan.....	7,390	4,380			44	1,408	21,100	21,100	7,250			1,450	15	21,600	1,000		3,760		830
Pokemouche.....	3,480	1,740			63	1,260	4,550	4,550	10,000			2,000		28,736	2,612	90	2,691		299
Tracadie.....	4,574	2,029			22	630	2,400	2,400	16,000			67	10,900	2,532	270		722		187
Totals.....	36,997	\$ 26,944			138	3,568	35,950	35,950	169,764			4,950	1,682	136,204	24,134	610	32,676		1,316

RETURN showing the Quantity and Value of Fishing Material, &c.—Now Brunswick—Continued.

DISTRICT.	KINDS OF FISH.													FISH PRODUCTS.			VALUE. \$ cis.					
	Hake Sounds, lbs.	Haddock, cwt.	Hallbut, lbs.	Shad, brls.	Bas, lbs.	Trou, lbs.	Frost Fish, lbs.	Squid, brls.	Flounders, lbs.	Smelt, lbs.	Pickrel, lbs.	Perch, lbs.	Hels, brls.	Oysters, brls.	Lobsters, tons.	Lobsters, cans.		Fish Oil, galls.	Fish used as bait, brls.	Fish used as manure, brls.		
<i>Restigouche.</i>																						
From Tide Head to Dalhousie.																		150			16,732 00	
From Dalhousie to Belledune.																		150			43,449 25	
Totals.....																					59,181 25	
<i>Gloucester.</i>																						
Petit Rocher.....					500					120,500											77,483 00	
Bathurst.....																					23,660 00	
New Brandon.....																					87,040 00	
Caraget.....		100	1,500		2,000	4,500				34,000			100	5,000				2,150	1,900		181,968 00	
Grand Anso.....	1,500				13,000					84,630								750			70,628 00	
Shippegan.....	1,650	327	550	5	4,800	2,200				88,900								2,550	6,900		145,184 30	
Pokemouche.....	660	120	3,050	14					1,500		200							2,400	468		55,224 85	
Tracadie.....	133			35	5,315	4,000				77,500		1,100	67					312	361		83,780 35	
Totals.....	3,952	547	5,100	414	25,615	10,700			1,500	405,530	200	1,100	331½	5,025			12,887	8,556	10,111		1,632,872 30	

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RETURN showing the Quantity and Value of Fishing Material, &c.—New Brunswick—Continued.

DISTRICT.	FISHING MATERIAL.						KINDS OF FISH.												
	Nets.		Weirs.		Smelt Nets.		Lobster Traps.		Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Mackerel, brls.	Mackerel, in cans.	Herring, brls.	Alewives, brls.	Cod, cwt.	Cod Tongues and Sounds, brls.	Hake, cwt.	Hake Sounds, lbs.	
	Fathoms.	Value.	No.	Value.	No.	Value.	No.	Value.											No.	Value.	Salmon, brls.	Salmon, lbs.
<i>Northumberland.</i>																			
Tabusintac Bay and River	2,122	2,122			64	1,920	4,100	2,460	5,510	900		10,800			70	10,000			
Tabusintac River to Grand Downs	11,224	3,370			15	1,260	3,098	3,098	43,210		58	3,810	2,000			£50			
Grand Downs to Chatham Ferry	4,700	2,360			113	4,520			15,680					33					
Point Escuminac to Bay du Vin	30,000	30,000			15	300	2,000	2,000	60,000	300			360			100			
Hardwicke and Glencol	6,600	1,518			66	1,650			16,880				60			100		9	
Bay du Vin to Beaubais's Island	4,000	1,200			248	7,000			20,000										
Chatham Ferry to Head Waters, North West	3,022	2,002							48,000										
Blackville	300	260							12,000					30					
Blissfield	300	100							2,250					6					
Doaktown to Hovey Island	300	100							3,000					8					
Hovey Island to Burnt Hill									600										
Totals	62,278	42,922			542	16,650	9,198	7,558	227,180	1,200	58	14,640	2,350	250	10,980		100	9	
<i>Kent.</i>																			
From Kouchibouguais to Eel River	6,725	6,000			50	1,500	8,900	8,900	31,022	1,000	50	52,800	1,500	50	150			254,150	
From Kouchibouguais to Chock-fish	4,020	3,620			75	2,250	5,980	5,980	10,000	1,500	200	15,000	900	45	110			4 180 220	
Richibucto River and branches	8,147	3,699			24	435	2,830	2,830						200					
Eucouche and Buctouche Bay	13,000	6,500			16	320	4,785	4,785	309		538	3,338	1,602	120	16			25	
Cocagne											493	2,128	3,500	65	50			20	
Totals	31,882	19,719	100	250	200	6,380	22,495	22,495	41,332	2,500	1,281	73,266	7,502	480	316		4	454 365	

Return showing the Quantity and Value of Fishing Material, &c.—New Brunswick—Continued.

District.	KINDS OF FISH.												FISH PRODUCTS.			VALUE. \$ cts.		
	Haddock, cwt.	Halibut, lbs.	Shad, brls.	Bass, lbs.	Trout, lbs.	Frost Fish, lbs.	Squid, brls.	Flounders, lbs.	Smelt, lbs.	Perch, lbs.	Beils, brls.	Oysters, brls.	Lobsters, tons.	Lobsters, cans.	Fish Oil, Gall.		Fish used as bait, brls.	Fish used as manure, brls.
<i>Northumberland.</i>																		
Tabusintac Bay and River				8 000	4 000				718 140		50	200		153 000	50	675		114 538 90
Tabusintac River to Grand Downs				27 000	1 000				57 668		25			74 500	100	2 300	100	41 634 18
Grand Downs to Chatham Ferry				32 000	1 000				285 750									23 707 00
St Point Escuminac to Bay du Vin				10 000	200				10 000									32 316 00
St Hardwicke and Glenelg				26 000					178 409									18 884 54
Bay du Vin to Beaubair's Island				2 467					540 000									56 068 02
Chatham Ferry to Head Waters,																		
North West				94 000	3 500				160 000									15 450 00
Blackville					5 000													12 420 00
Blissfield																		654 00
Doskaton to Hovey Island																		632 00
Hovey Island to Burnt Hill					1 200													192 00
Totals.....	40	170 667			15 900	562 000	8 500	1 949 992		75	1 000	327 500	200	3 375	2 860			316 196 64
<i>Kent.</i>																		
From Kouchibouguac's to Ecl River				5 000					330 000		150	500		375 000	200	5 000		108 062 90
From Kouchibouguac to Chook- fish				14 000	1 000	2 250			250 000		145	180		509 000	110	2 900		110 415 50
Richibucto River and branches				37 000	7 000				323 300		62	50						23 444 00
Buctouche and Buctouche Bay				8 840	2 905				169 528		42	2 732 37		174 265	2	2 650		64 020 71
Ucogagne				3 000	600				49 123		45	780 10		261 952	40	3 000	150	69 984 38
Totals.....	35	900 25		67 840	6 505	2 250	4	1 091 951		6 300	444	4 262 47	1 320 217	332	13 550	250		375 927 49

RETURN showing the Number, Quantity and Value of Fishing Material, &c. — New Brunswick — Continued.

DISTRICT.	FISHING MATERIAL.						KINDS OF FISH.											
	Nets.		Weirs.		Smelt Nets.		Lobster Traps.		Salmon, bris.	Salmon, fresh, in ice, lbs.	Mackerel, bris.	Mackerel, in cans.	Herring, bris.	Herring, smoked, in boxes.	Alewives, bris.	Hake, cwt.	Shad, bris.	
	Fathoms.	Value.	No.	Value.	No.	Value.	No.	Value.										
<i>Westmoreland.</i>																		
Shediac and Botsford.....	6,000	\$ 6,000	.....	.....	110	\$ 980	9,000	9,000	.....	560	1,000	7,200	6,000	2,500	.....	.....	.....	280
Bale Verte and Sackville.....	3,280	750	.....	.....	.....	.....	.....	.....	150	25	5,000	1,000	.....	500	150	.....	.....	1,330
Dorchester Bay and Cumberland Basin.	14,930	2,590	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	24,180	9,340	.....	.....	110	990	9,000	9,000	.....	680	1,023	12,200	7,000	3,000	150	.....	.....	1,610
<i>Albert.</i>																		
From Hopewell Point to Wolf River...	315	168	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	235	220	.....	.....	.....	230
<i>Victoria.</i>																		
From Grand Falls to Carleton Co. Line.	770	500	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	.....	.....	.....	.....	.....	25
<i>Carleton.</i>																		
From Carleton County Line to York Co.	400	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

RETURN showing the Number, Quantity and Value of Fishing Material, &c.—New Brunswick—Continued.

District.	KINDS OF FISH.										FISH PRODUCTS.			VALUE.
	Bass, lbs.	Trout, lbs.	Frost Fish, lbs.	Flounders, lbs.	Smelt, lbs.	Pickarel, lbs.	Perch, lbs.	Beils, brls.	Oysters, brls.	Lobsters, tons.	Lobsters, cans.	Fish Oil, galls.	Fish used as bait, brls.	
<i>Westmoreland.</i>														
Shediac and Botsford.....	8,000	2,500	4,000	2,000	361,410	.....	170	30	60	691,452	.....	6,766	8,000	180,141 40
Rate Verte and Sackville.....	2,000	1,000	.....	.....	10,000	.....	15	.....	3	.....	.....	2,000	.....	1,760 00
Dorchester Bay and Cumberland Basin.	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	55	.....	10,611 00
Totals.....	8,000	4,500	4,000	2,000	371,410	.....	187	50	63	691,452	.....	8,766	8,000	202,512 40
<i>Albert.</i>														
From Hopewell Point to Wolf River.....	.....	1,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	3,149 50
<i>Victoria.</i>														
From Grand Falls to Carleton Co. Line.....	.....	500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	770 00
<i>Carleton.</i>														
From Carleton County Line to York Co. ....	.....	1,200	.....	.....	.....	320	.....	.....	.....	.....	.....	.....	.....	1,336 00

RETURN showing the Quantity and Value of Fishing Material, &c.—New Brunswick—Continued.

DISTRICT.	FISHING MATERIAL.						KINDS OF FISH.									
	Nets.		Weirs.		Lobster Traps.		Salmon, fresh, in ice, lbs.	Mackerel, barrels.	Herring, barrels.	Herring, frozen, cwt.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.	Cod Tongues and Sounds, barrels.	Pollock, cwt.	
	Fathoms.	Value.	No.	Value.	No.	Value.										
<i>York.</i>		\$		\$			7,000									
From York Co. Line to Sunbury Co. Line...												1,363				
<i>Sunbury.</i>							1,450					200				
From Sunbury Co. Line to Queen's Co. Line	4,980	2,240														
<i>Queen's.</i>																
From Queen's Co. Line to King's Co. Line.	6,500	3,250														
<i>King's.</i>																
Westfield and Belle Isle.....	5,960	3,808					5,336	15				472				
Kennebecasis and Smith's Creek.....								15				12				
Totals.....	5,960	3,888					5,336	15				484				
<i>St. John.</i>																
From Point Wolf to Quaco Head.....	2,200	6,000	1	100	60	180		15	3,900				1,400			1,000
From Quaco Head to Point Lepreaux, including St. John Harbour.....	100,000	72,000	32	10,000			100,000		18,000	700,000			3,000	50		1,000
Totals.....	102,200	78,000	33	10,100	60	180	100,000	15	21,000	700,000			4,400	50		2,000

Return showing the Quantity and Value of Fishing Material, &c.—New Brunswick—Continued.

DISTRICT.	KINDS OF FISH.											FISH PRODUCTS.			VALUE. \$ cis.	
	Hake, cwt.	Hake, Sonds, lbs.	Haddock, cwt.	Hallibut, lbs.	Sturgeon, lbs.	Shad, barrels.	Bass, lbs.	Trout, lbs.	Pickarel, lbs.	Perch, lbs.	Kels, barrels.	Lobster, tons.	Fish Oil, gallons.	Fish Hoes, barrels.		Fish used as bait, barrels.
<i>York.</i>						25	6,000									1,960 00
From York Co. Line to Sunbury Co. Line.....																
<i>Sunbury.</i>						152	9,900		15,000	750						8,505 00
From Sunbury Co. Line to Queen's Co. Line.....																
<i>Queen's.</i>						400	600	400	12,000	1,000	10	150				5,620 00
From Queen's Co Line to King's Co. Line.....																
<i>King's.</i>					125,380	48	6,540		7,000				1,035	38		12,865 40
Westfield and Belle Isle.....	30				50	1,000		400				8				769 00
Kennebecasis and Smith's Creek.....					125,280	98	7,540	400	7,000		8		1,035	38		13,131 40
Totals.....	30															
<i>St. John.</i>																
From Point Wolf to Quaco Head.....	100		800	3,800		8										25,408 00
From Quaco Head to Point Lepreaux, including St. John Harbour.....	2,000	1,000	2,500	15,000		1,000	2,000				20 50			100		205,280 00
Totals.....	2,100	1,000	3,300	18,800		1,008	2,000				20 62			100		230,688 00

RETURN showing the Quantity and Value of Fishing Material, &c.—New Brunswick—Continued.

DISTRICT.	KINDS OF FISH.												FISH PRODUCTS.				VALUR. \$ cis.		
	Hake, cwt.	Wake Sounds, lbs.	Haddock, cwt.	Hallibut, lbs.	Trout, lbs.	Frost Fish, lbs.	Squid, barrels.	Flounders, lbs.	Smelt, lbs.	Pickarel, lbs.	Perch, lbs.	Sardines, bhds.	Lobsters, tons.	Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.		Fish used as bait, barrels.	Fish used as manure, barrels.
<i>Charlotte.</i>																			
St. Croix.....	1,500	1,500	150	2,500	2,500	2,000	.....	.....	4,000	.....	120	.....	.....	.....	10,000	150	.....	.....	6,047 56
Inner Bay of Passamaquoddy Lepreau, Beaver Harbour and Back Bay.....	20,000	20,000	300	.....	.....	.....	.....	.....	.....	.....	1,930	50	.....	.....	.....	500	.....	.....	49,619 00
Deer Island.....	5,800	7,250	6,500	.....	.....	.....	.....	.....	.....	.....	30,060	100	.....	.....	12,000	1,000	.....	.....	534,075 00
Campo Bello.....	1,883	2,679	690	.....	.....	.....	.....	.....	.....	.....	4,709	30	.....	.....	9,000	75	.....	.....	117,175 06
Grand Manan.....	4,000	4,000	3,200	3,000	.....	100	2,000	.....	.....	.....	187	73	.....	.....	3,734	50	5,000	2,000	163,849 40
Totals.....	33,193	35,429	13,140	4,150	4,150	2,000	100	2,000	4,000	.....	37,717	753	.....	.....	54,734	1,275	7,000	2,750	1,334,421 90

RECAPITULATION showing the Quantity and Value of Fishing Material, &c.—New Brunswick—Continued.

COUNTRIES.	FISHING MATERIAL.						KINDS OF FISH.																	
	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, frozen, cwt.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.	Cod Tongues and and Sounds, brs.	Pollock, cwt.	Hake, cwt.	Hake Sounds, lbs.		
	Fathoms.	Value.	No.	Value.	No.	Value.	No.	Value.															No.	Value.
Restigouche.....	17499	12874	.....	.....	.....	.....	1160	1160	207860	.....	.....	.....	.....	900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gloucester.....	36597	26944	.....	.....	.....	.....	35852	35852	169764	4950	1682	136204	.....	24134	.....	.....	.....	.....	.....	.....	.....	1316	3652	.....
Northumberland.	62278	42322	.....	.....	.....	.....	9198	7558	427130	1280	88	14645	.....	2360	.....	.....	.....	.....	.....	.....	.....	100	9	.....
Kent.....	31892	19719	100	260	200	6380	22495	22495	41332	2500	1281	73266	.....	7602	.....	.....	.....	.....	.....	.....	.....	454	395	.....
Westmoreland.....	24180	9340	.....	.....	.....	.....	9000	9000	650	.....	1026	12200	.....	7000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Albert.....	315	168	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Victoria.....	770	600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carleton.....	400	203	13	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
York.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sunbury.....	4980	2245	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Queen's.....	6500	3250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
King's.....	6593	3808	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. John.....	102200	78000	33	10100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charlotte.....	73764	43013	197	97639	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	367063	242978	348	108206	990	26588	82043	79498	50	765972	8650	4166	236310	106306	20775000	1137830	18702	81136	147	11624	37218	40785	.....	.....

RECAPITULATION showing the Quantity and Value of Fishing Material, &c.—New Brunswick—Concluded.

COUNTRIES.	KINDS OF FISH.													FISH PRODUCTS.					VALUE. \$ cts.					
	Haddock, cwt.	Halibut, lbs.	Sturgeon, lbs.	Shad, barrels.	Bass, lbs.	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 Roes, barrels.	Fish Guano, tons.	Fish used as bait, barrels.	Fish used as manure, barrels.	
Restigonche.....	517	5100	.....	412	26815	10700	.....	.....	1500	405530	200	1100	3342	.....	5025	91893	.....	12887	.....	150	8636	10111	.....	59181 25
Gloucester.....	40	170667	1590	36200	.....	8500	1948902	75	.....	75	.....	1000	327500	200	.....	200	3375	2860	.....	.....	634872 30
Northumberland.....	35	900	.....	25	67840	6505	2250	4	4573	1091951	6300	444	.....	4262	471320217	332	.....	332	13250	250	13250	250	.....	316196 64
Kent.....	1570	8000	4500	4000	.....	2000	371410	.....	187	.....	.....	30	63	694452	55	.....	8756	8000	.....	.....	375977 49
Westmoreland.....	230	.....	1000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	.....	.....	.....	202512 40
Albert.....	25	.....	500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3149 50
Victoria.....	25	.....	12000	.....	.....	.....	.....	300	1300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	770 00
Carleton.....	25	6000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1336 00
York.....	152	9000	.....	.....	.....	.....	.....	15000	750	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1960 00
Sunbury.....	400	600	400	.....	.....	.....	.....	12000	1000	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8505 00
Queen's.....	98	7510	400	.....	.....	.....	.....	7000	.....	8	.....	.....	62	.....	.....	.....	.....	.....	.....	.....	5020 00
King's.....	125280	.....	1008	2000	.....	.....	.....	.....	.....	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13134 40
St John.....	3300	18900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	230688 00
Charlotte.....	13140	3000	.....	.....	4150	2000	100	.....	4000	.....	.....	.....	37717	.....	753	.....	.....	54734	1275	7000	2750	.....	1334421 90
Totals.....	17022	27900	125280	36342	203162	56055	370280	104	18578	3822793	34500	10480	10782	37717	10317	925	4042954	69438	38	1275	41487	23971	.....	3185674 88

RECAPITULATION of the Yield and Value of the Fisheries of New Brunswick, during the Year, 1883.

Kinds of Fish.	Quantities.	Prices.		Value.
		\$	cts.	\$ cts.
Salmon, pickled.....	brls. 50	18	00	900 00
do fresh, on ice.....	lbs. 765,972	0	20	153,194 40
do in cans.....	" 8,650	0	20	1,730 00
Mackerel.....	brls. 4,168	10	00	41,660 00
do in cans.....	cans. 238,310	0	15	35,446 50
Herrings.....	brls. 106,306	4	00	425,224 00
do frozen pieces @ 60 cents.....	per 100 20,775,000	0	60	124,650 00
do smoked.....	boxes. 1,137,830	0	25	284,457 50
Alewives.....	brls. 18,702	4	00	74,808 00
Cod.....	cwt. 81,136	4	25	344,828 00
Cod Tongues and Sounds.....	brls. 147	7	00	1,029 00
Pollack.....	cwt. 11,534	3	50	40,334 00
Hake.....	" 37,218	3	50	130,263 00
Hake Sounds.....	lbs. 40,785	1	00	40,785 00
Haddock.....	cwt. 17,022	3	50	59,577 00
Halibut.....	lbs. 27,900	0	06	1,674 00
Sturgeon.....	" 125,280	0	06	7,516 80
Shad.....	brls. 3,634½	8	00	29,076 00
Bass.....	lbs. 298,162	0	06	17,889 72
Trout.....	" 56,055	0	06	3,363 30
Frost Fish.....	" 370,250	0	06	22,215 00
Squid.....	brls. 104	2	00	208 00
Flounders.....	lbs. 18,578	0	06	1,114 68
Smelt.....	" 3,822,793	0	06	229,367 58
Pickarel.....	" 34,500	0	06	2,070 00
Perch.....	" 10,450	0	06	627 00
Eels.....	brls. 1,078½	9	00	9,706 50
Sardines.....	hhds. 37,717	8	00	301,736 00
Oysters.....	brls. 10,317	3	00	30,951 00
Lobsters, fresh.....	tons. 925	30	00	27,750 00
do preserved.....	cans. 4,042,954	9	15	606,443 10
Fish Oil.....	galls. 69,438	0	60	41,662 80
Fish Roes.....	brls. 38	2	00	76 00
Fish Guano.....	tons. 1,275	15	00	19,125 00
Fish used as bait.....	brls. 41,487	1	50	62,230 50
Fish used as manure.....	" 23,971	0	50	11,985 50
Total, 1883.....				3,185,674 88
do 1882.....				3,192,338 85
Decrease.....				6,663 97

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 1883.

GASPÉ, 31st December, 1883.

The Hon. A. W. McLELAN,
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honor herewith to forward the annual statement of the Fisheries of the Gulf Division, for the year 1883, together with synopses of the reports of the various local officers. By the statistics which follow, it will be seen that the fishing season has been a more profitable one than that which preceded it. All fishing operations were late in beginning, due to the late continuance of the ice about the Magdalen Islands and on the north shore. The season was a rough one, and much loss of fishing material has been sustained.

C D.

This, the principal fishing industry of the Gulf, shows an increase over the catch of 1882, of 11,574 cwts. Fishermen on the south shore were in despair in the spring, as the whole of the month of May passed without any cod having been taken, and it was only about the 10th of June that the boats began to do well. From this date, up to the close of the summer fishing, on the 15th of August, the boats continued to do well, in spite of much loss of time from rough weather. Great damage was caused to boats and stages by repeated gales of wind, and a great deal of time was lost in an already shortened fishing season. The greatest loss occurred at two of the principal fishing centres—Percé and Point St. Peter. Many boats were totally destroyed, others wrecked and broken, and fishing stage-heads washed away. After a wreck of this kind, much time is lost in reorganizing. The greater loss is not always the actual loss of material, but the incidental losses, and the waste of time, until boats can be replaced or mended. These constantly recurring losses, in spite of storm warnings and all precautions, are very disheartening, and the time has come when the Government will have to do something towards affording the much-needed shelter for boats in the great fishing centres. Both Great Britain and France, as well as Norway, have already done a great deal towards assisting their fishermen in this way, and I notice that it is now proposed to encourage the waning fisheries of the west coast of Ireland, which our own coast much resembles, in its want of shelter for boats, by building artificial harbours and improving the existing ones. If better shelter could be had, the boats used in fishing would be larger and safer, and the necessity for a daily return to shore to discharge the load of fish, would be obviated. As the boats are now, too much time is lost going backwards and forwards, between the fishing banks and the shore. With larger boats the fishermen could venture further out into the Gulf, and fish on the numerous banks which are now

beyond their reach. The boats are built small, so that they may be the more easily hauled on to the beach, on the appearance of bad weather. Once ashore, it requires calm weather to permit of their being launched again, as for several days after a heavy storm is over, the surf may be so heavy on the beach that a fishing boat, with its rigging and ballast, cannot be launched, though a flat-bottomed boat could be pushed through the surf with ease and safety to the unbroken water beyond. Again, when the fishermen get ashore during a gale, and leave the fishing rooms for their homes, fine days are often lost before they are back again to their boats. Any one conversant with the management of a fishing room, will admit that losses often occur through the anxiety of a master of the beach, or an industrious fisherman, to keep his boats afloat at the mooring, rather than risk the loss by delay, incurred when boats are beached. In this way boats are often risked on the moorings until it is impossible to beach them, and they are broken up or swamped on the moorings. Of course, it is impossible to build expensive breakwaters in every cove, but something should be done at once at some of the larger and least sheltered stations. I notice in a report of the recent Fisheries Exhibition, mention made of the Greenway breakwater, as follows:—

“Among the many ingenious life-saving appliances shown, there is one worthy of special notice, because of its great novelty; we allude to the Greenway breakwater. This is, of course, only shown in model, but it is very different in aspect and general arrangement from the solid mass of masonry which is generally associated with the word breakwater. It consists simply of a number of diamond shaped pontoons, which are moored in a line at regular distances from one another, and so placed that an advancing wave will strike on the pointed edges presented to it. By this means, a wave is divided into two parts, which meet between each pontoon, and expend their momentum upon one another, leaving the water quite calm within the line of pontoons. Among the advantages claimed for this invention, are the following: It costs less than any other form of breakwater; it is portable, and can be readily constructed; it causes no accumulation of silt; and it can be placed in position in situations where the construction of more solid erections would be next to impossible.”

On the north shore the fishing, from Natashquan to the westward, was about an average; below Natashquan, the fishing was poor, the ice only leaving the coast on the 25th June. The fishing fleet from Nova Scotia, Magdalen Islands and Esquimaux Point did absolutely nothing; arriving on the coast early in June, most of the vessels got into harbour, through the ice, but did no fishing. They waited about the coast until the middle of July, when, finding the season passing rapidly, with no prospect of fish, the Nova Scotia vessels left for the outer Labrador; the vessels from the Magdalen Islands and the point returned home. Had fish been plentiful, a good many trap-net licenses would have been taken out, but as things were, fishermen hesitated about taking out licenses until they were sure of taking fish. Had the vessels remained on the coast a fortnight or three weeks longer, they would have taken fish, as the cod struck in abundantly after the 20th July, coming up from the eastward, instead of down the coast from the west, as usual. The fishery at Bonne Esperance and Salmon Bay was good. After returning home the Magdalen Island vessels continued the fishery around the Islands, and did fairly well, all of them saving their time. As said before, the season was late and rough, and the time actually spent on the fishing grounds by the boats was extremely short. The fall fishery was good, but not as abundant as in 1882. The livers were poor, and the quantity of oil per quintal has been small. The price of fish was high, there being a good deal of competition. The fishing beginning so late, led merchants to fear a short catch, so that when the fish struck in, there was a general rush for it. The markets abroad did not warrant the prices paid. A good deal of fish is being wintered for spring shipment.

SALMON.

The salmon fishery, on the south shore, in the Counties of Gaspé and Bonaventure, shows a considerable increase over last year, the gain being upwards of

100,000 pounds. It was remarked by all that the fish were of an unusually large size. The fishery was late in beginning, it being fully the 10th June before the nets caught anything worth while. On the north shore, in the County of Saguenay, the fishing was poor, the spring was late and wet, the rivers were high and freshets so constant that it was impossible to fish most of the estuary and river net; those on the sea shore in sheltered spots did well, but where they were exposed to the sea, they did very little, as easterly wind prevailed all through the month of June. Most of the rivers are reported well stocked with fish. Capelin remained off shore, this kept the salmon out; in many of the rivers the principal run of fish took place after the close of the fishing season. On the lower part of the north shore, the salmon fishing seldom begins before the 1st of July. As this throws the fishermen a month behind the south shore fishermen in the commencement of the season, they are anxious to have the open season extended for a couple of weeks.

HERRING.

Here we have an increase over last year of some two thousand barrels, in spite of the fact that the principal fishery, that of the spring herring in Pleasant Bay, at the Magdalen Islands, never occurred at all. It usually takes place during the spring tides of May, but this year at this time, and for long after, the Bay was full of ice. These herring come in to spawn, and are followed by a considerable fleet of vessels armed with seines; the herring are salted, barrelled and shipped to Europe and to the West Indies. They spawn close in shore in shoal water, and after the least easterly breeze, the spawn is washed ashore in large windrows. This year, however, when the herring came, they found Pleasant Bay full of ice, and they seem to have divided into two great shoals, one of which crossed to the head of the Bay des Chaleurs, going south of the Islands, while the other stood over for Anticosti, going north. In these localities herring were abundant; in fact, at Anticosti, herring were abundant all the time from the early spring until the end of October.

The other great herring fishery, that made in the fall by vessels from Esquimaux Point, for fat herring on the Labrador, was also a failure. The vessels left the Point about the end of August and proceeded down along the coast. At Meccatina they found herring in abundance, but not of a sufficiently large size to satisfy them. They therefore continued to the Straits and crossed to Port au Choix, on the north-west coast of Newfoundland. Here they held on until about the 10th of October, doing nothing at all, returning home some of them with clean holds. Had they been satisfied to have made their fishing at Meccatina, they could have loaded in a week. Misfortune seems continually to attend those people from Esquimaux Point. They follow three fisheries: First the spring seal fishery in the ice, then the summer cod fishery on the Labrador, and third, the fall herring fishery in the Straits. This season all three were complete failures, and they were left so poorly off that help had to be sent them by the Local Government from Quebec. How much of this want of success is due to downright bad luck, and how much to want of energy and judgment, I will not venture to say; but as far as their cod-fishery is concerned, I will say that I believe they would do much better if they used smaller vessels or boats and remained nearer home. For many years fish has been abundant on the Little North Shore, from Natashquan to Moisie, and on the north side of Anticosti, within sight of Esquimaux Point; yet these people neglect the fishery at their doors, and continue to go hundreds of miles down the coast, where they fritter away their time doing nothing, being most of their time in harbour, as they are not fitted out with traps, trawls and seines, by which means alone the fishery on the Labrador can be assured. They must have vessels for the seal and herring fisheries, but there is no necessity for their going down on the Labrador for the cod fishery. The Natashquan people carry on the same fisheries, but they only use their vessels for the ice seal fishery, carrying on the cod and herring fisheries in the neighbourhood of Natashquan in boats from the shore. Very much the same state of affairs holds at the Magdalen Islands as at the Point. The shore cod fishery about the Magdalen Islands is generally good, and vessels come from all parts

of the Maritime Provinces, and even from the United States to fish within sight of the Islands. Yet the Island vessels go off to the Labrador, and neglect the local fishery. Certainly this year and last they would have done much better at home.

MACKEREL.

Mackerel were abundant all about the south shore coasts, and from Seven Islands west, on the north shore, they were of superior quality. The mackerel fishery is carried on only about Gaspé Bay where, during the season in August and September, a few boats jig for them morning and evening. They were also abundant at the Magdalen Islands, but at the time, codfish were being taken in great quantities, and this latter fishery was considered more profitable. The bulk of the mackerel taken about the coast are caught in the herring nets which are set nightly for bait. Several American mackerel schooners visited the coast, going as far up as Godbout, on the north shore; two of them, the "V. Hutchings" and the "Frank A. Smith," of Gloucester, Mass., remained some time fishing in Gaspé Bay.

HALIBUT.

This fishery is not prosecuted as a separate industry by our fishermen, and halibut are only taken by the cod fishermen by accident. They are fairly abundant about Anticosti and along the upper part of the river coasts; they are generally found in deep gullies near the shore. I did not meet any American halibut trawlers in the Gulf.

LOBSTERS.

This industry shows a falling off of 116,804 lb. cans. This decrease occurred mainly in the County of Bonaventure, where the lobster catch has been steadily failing for some years, in fact, there is only one lobster cannery open now in that County. The catch at the Magdalen Islands was about the same as last year, the fishery was late in opening; the traps are generally put out in Pleasant Bay and at Grand Entry as soon as the ice has gone; this could only be done this season at the end of May. The weather in June was rough, and great loss of traps and moorings occurred in the shallow waters about the Islands, with each gale of wind. The extension of ten days was not generally taken advantage of, as the news only reached the Island after the traps had been brought ashore, and it was not thought worth while to put them out again for so short a time. My own opinion is, that taking all things into consideration, the lobster fishery season might be permanently extended at the Islands. The fishery seldom begins before the 1st June; the position of the Islands is such that there is very little shelter; the water is so shoal that the least sea washes the traps adrift, and altogether the fishery is prosecuted under such adverse circumstances, compared with other places, and so many of the Island people are now dependent on it alone, for a living, that I think a longer fishing season might be granted for this locality only. Or better, I would suggest an entire change of season. Any one living on the coast knows that lobsters are better for table use in the spring and fall; in fact, most of us do not care to use them in August. During this month the shell is generally soft, the meat watery, and it does not completely fill the interior of the lobster. I really believe that they should not be used during the month of August. There must be great waste caused by using them when they are half empty, soft and watery, as it takes a much greater number of lobsters to make up a given weight of meat. I would, therefore, advise that the close time be the month of August, or from the 25th of July to the end of August, and that the fishery be prosecuted in the fall as well as during the early summer. There would be no danger of the fishery being overdone in the fall, for the weather is so rough that it would be impossible to keep the traps out late, especially in waters exposed to the prevailing westerly and north westerly winds. It certainly seems to me to be only natural that the fish should be used when it is in the most prime condition and let alone when it is not fit for food.

SEALS.

The seal fishery, though better than last year by 5,706 skins, and 72,866 gallons of oil, was yet a poor one. The sealing fleet from the Magdalen Islands were unable to get out to the seal ice, owing to the shore ice being so jammed about the Islands that they could not force their way through it, until the seals were old enough to take to the water. Plenty of seals were seen on the ice, but they were never able to get near them. The other sealing fleet from Esquimaux Point got out in April, but were soon after jammed in the ice of Big Meccatina, and could not get near the seals. This fleet of vessels drifted about in the ice-pack for six weeks; the crews of some of them underwent great hardships, as they were but poorly supplied with provisions. Two of them particularly, they had entered the ice on the 15th of April and only got out clear of it again on the 10th of June. The crews of these vessels had to eke out their biscuit with seal blubber. The sedentary seal fisheries on the Labrador did well.

BAIT.

Bait was plentiful during the season, herring being more constant than usual. Owing to some defect in the machinery, the factory for the preparation of fish guano was not put in operation. The defect having been remedied, all is now ready for work next spring. An experimental laboratory for the manufacture of the same manure was opened at Percé by a French gentleman, Mr. DeBonnement. Specimens of his work were sent to the London Fisheries Exhibition. They were found rich in the elements necessary for a good manure. It is to be hoped that he or some one else may establish a considerable factory at Percé, as from this neighbourhood a large quantity of fish offal may be had regularly.

I append here tables of the total value of the fisheries for this year, and a comparative statement of the catch for 1882 and 1883. This is followed by synopses of the reports of the local officers, and the general fishery statistics.

I have the honour to be, Sir,

Your obedient servant,

W. WAKEHAM,

Commander "La Canadienne."

SYNOPSIS OF FISHERY OVERSEERS' REPORTS.

GASPÉ COUNTY,

Overseer Letourneau, of St. Anne's Division, reports the catch of codfish slightly less than last year. He considers that codfish was more abundant, but owing to the fact that the residents are devoting their attention more to farming, the fishing has been abandoned; those who do fish are not as well fitted out, as regular fishermen should be, nor are they as expert. One man who, with his son, fished regularly through the season, caught over 300 cwt. of fish. To do this, fish must have been plentiful. The salmon fishery was better than for some years past, and the fish were of a large run. He reports a larger number of salmon in the upper waters of the river this fall than he had ever seen there before; and it is a singular circumstance, that last year the fish in the river were of a very small run, while this year they are unusually large. The fly fishing in the St. Anne's River was unusually good; fish were plentiful, of great size, and the water and weather were generally good for fishing; 293 fish were taken with the fly, of an average of 20½ lbs. as compared with ninety-two fish last year, averaging only 14 lbs. The largest fish caught this year weighed 46 lbs. A good many trout were taken, mostly with the hook and line. The nets by the sea-side did not do much. The catch of herring was about the same as last year. This herring

was mostly used for local consumption. Very few mackerel were taken, though many fine schools were seen passing close along shore. No American schooners were noticed fishing. Capelin were plentiful at Cape Chatte and Marsoui, but scarce at St. Anne's.

Overseer Vibert, Gaspé Division, reports as follows:—

Salmon nets were set at Gaspé on the 22nd and 23rd May; at Grand Pabos the 2nd June, and at Grand River on the 4th June. As will be noticed by the statistics, a very great improvement has taken place in this fishery, the catch being 100,000 pounds against 50,000 pounds last year. Rough weather in June caused considerable damage to salmon nets at Grand River and Pabos. Cod fishery may be called good from Percé to Newport, but at other places only fair. The storm of 23rd July caused much damage and loss of boats at Point St. Peter and Percé. Bait was generally plentiful during the season. Herring were in greater numbers and later on the coast than usual. Fall fishing was good and squid was much used as bait at that season. The price of cod was high and fishermen reaped good returns for their labours. Twenty sailing vessels and one steamship left this port with cargoes of cod fish for the Mediterranean and Brazilian markets during the past season. A letter from Cape Cove, of the 18th May last, says: "No codfish yet, but herrings very plentiful; thousands of barrels could have been seined this spring. The schooner "Admiration," Captain Joseph Tripp, was engaged in this fishery from the 14th June to the 20th September, in the upper portion of the Gulf of St. Lawrence and Straits of Belle Isle, and captured four whales, representing 4,810 gallons of oil. Mackerel fishery was quite a success. The statistics show that 576 barrels were caught in the Bay of Gaspé—over 300 barrels being fished by residents of Sandy Beach and vicinity. The fish were nearly all purchased at Gaspé, and the fishermen were well satisfied with the price realized. The following is a statement of the number of one-pound cans of lobster sealed at the different establishments:

Seal Cove.....	12,000
Belle Anse.....	16,000
Cape Despair.....	39,000
Grand Pabos.....	10,000
Newport.....	15,000
	92,000

Besides this, 3,633 cans of salmon were put up by the Messrs. Hoegg, at Belle Anse. Seal Cove Factory commenced operations on the 7th May and closed 9th June. At Belle Anse, 26th May to 28th July.

The Canada Packing Company commenced operation at Cape Despair, the 7th May and closed 20th June. Mr. Windsor, began the 2nd May and finished 20th June.

The following is about the number and weight of salmon caught with the fly in the rivers of this division:

	No.	Lbs.	Trout.
Dartmouth.....	26	495	400
St. John.....	28	512	400
York.....	71	1,566	...
Grand River.....	74	1,290	...
	199	3,863	800

The largest salmon caught on the York weighed 35 pounds, and on the St. John 27 pounds.

The York and Dartmouth Rivers were well stocked with salmon.
The fishery laws were generally well observed and no fines were collected.

BONAVENTURE COUNTY.

PORT DANIEL DIVISION.

Overseer Phelan reports that the fisheries of his division show a very decided improvement over the previous few years.

Cod fishing was better than it had been for many years past, it was particularly good during the month of June; the fall was fine and open; bait was abundant; the large catch of cod and the high price realized, leaves the coast richer this fall than it has been for many years. Salmon fishing was attended with good results, the catch being about one-third greater than in 1882. The nets were put out in the beginning of June, and the fishermen believe that they lost some fish by not having their nets out soon enough. The salmon were of a large size and good quality. Lobster fishing began on the 10th of May, and the indications were good, but when the cod struck in in June so abundantly, the lobster fishing was neglected for the more profitable business of cod fishing. The lobster factory closed on the 28th July. In any year August is a poor month for lobsters; canners would much prefer to close from the 20th July to the end of August, and be allowed to fish in September and October; when the lobsters are of better quality. Spring herring were very abundant all along the coast. Large quantities both of herring and spawn were taken for manure. The catch of fall herring was small, and the supply for local consumption is short. Mackerel were very plentiful in September. No American vessels were seen in the Bay. Bait was plentiful the season through—herring during the summer months, and squid in the fall. One salmon net was found down, in contravention of the Sunday clause, and the fish found in it were confiscated, but as the weather was rough at the time, and it was hardly possible to get the net tied up, it was not confiscated.

NEW RICHMOND DIVISION.

Overseer Cullen reports as follows:—

Salmon fishing shows a considerable increase. The fishery would have been better had the weather been suitable. Owing to high winds and heavy floods the nets were driven ashore in many places, especially in the Cascapedia Estuary, and much time was lost during the early fishing season. 69,372 lbs. were taken by the nets this season; being an increase of 31,082 lbs. over the catch of last year. The Big Cascapedia River was full of fish, and a larger number than usual were seen in the Little Cascapedia; but both rivers require to be better guarded. In the Bonaventure River also, salmon were plentiful and the anglers did well. This river also require to be better guarded. Cod fishing was fair, and the fall fishery would have been good had the weather been calmer. As it was, gales of wind were so common that the fishermen were more often ashore than out. Spring herring were abundant but the fall fishery was a failure. Lobsters were not taken in any quantity, but this fishery has been abandoned in this neighbourhood. Capelin were not as plentiful as usual in the upper part of the Bay.

RISTIGOUCHE DIVISION.

Overseer Verge reports as follows:—

The salmon fishery shows an increase over the past three years. The Sunday close time has been carefully observed. The shortening of the angling season, and making it uniform on both sides of the Ristigouche, has been a move in the right direction. The special guardians appointed for the Ristigouche this summer have done good service. If the protection of the river were increased, good results would be sure to follow.

NORTH SHORE.

COUNTY OF SAGUENAY.

GODBOUT DIVISION.

Overseer Duchesne reports the salmon fishery a failure in his division. The fish kept off the shore, among the shoals of capelin, and so little was done by the nets in the first half of the fishing season, that the fishermen abandoned fishing. During the last days of the season, the fish seemed to strike the shore, as in the only net kept out some 1,500 lbs were taken in a day or two. Cod were abundant in Godbout Bay; but, as the fishermen of the place do not carry on this fishing regularly, little was taken. Mackerel were plentiful. Two American vessels tried their seines in the Bay, but the fish were shy and were soon frightened off. Herring were abundant in the spring and during July and August, but they were of small size and but few were taken—the nets being generally of too large a mesh. Seals were very abundant off Pointe des Monts during the winter, 557 being killed by six boats. They were also plentiful in-shore, as the ice kept off shore, and the capelin remained in the open water between the ice and the shore. Many more would have been taken, but the winter was so extremely cold that the fishermen could seldom venture out. The summer seal fishing was a failure, as the seals kept off shore after the bait. Whales were very plentiful about this part of the river, but none was killed. Porpoises were exceedingly shy, only 30 being killed by the five boats that followed this fishery.

TRINITY DIVISION.

Overseer Bélanger reports the salmon fishery as only middling, due to continuance of heavy rains, floods and easterly winds during the whole fishing season. The gentlemen who fly-fished the Trinity River only remained there a few days. They had bad weather all the time, and only caught six fish. Cod fishing was poor, also due to much the same causes. The fish were late in appearing, and the constant bad weather kept the boats ashore. Herring were abundant, but the fishermen of this division, being poorly supplied with seines and nets, did not succeed in saving many.

Mackerel, though late in striking this coast, were abundant and of good quality, but few were taken with the hand and line, as they would not bite freely. Fifty-one barrel were taken in one haul by some fishermen at Islets à Caribou. They used an old salmon net of 6-inch mesh for a seine, and the mackerel must have been very plenty and close ashore for them to have saved as many with such an engine. Three or four mackerel schooners visited this part of the coast, but they did not do much.

MOISIE DIVISION.

Overseer Migneault reports that the salmon fishing began at Moisie on the 30th May. Fishery, though slightly better than last year, was poor. The same causes as in the upper divisions helped to injure this fishery—gales of wind, rain and freshets. Those who have been up the Moisie River report it well stocked with fish. On the 20th June, the sand of the river banks was still too firmly frozen to drive pickets. The outer nets to the west of the river did fairly well. Cod fishing began on the 18th June, and in spite of the roughness of the season the fishermen managed to save their time; towards the fall, bait became scarce and the fishing failed. Mackerel were abundant, 714 barrels were taken in and about Seven Islands Bay, by Capt. Smith, of Boston. Herring were also abundant, and a good many were taken at Jambons and Seven Islands in the western part of the division.

MINGAN DIVISION.

Overseer Duguay reports the catch of salmon as being less this year than last, due to the same causes as elsewhere—high winds, rains and freshets. Much damage

was caused to the nets in the St. John's Estuary by the floods; the waters of this river were never known to have risen so high before. The Rivers St. John, Mingan, Romaine and Magpie are well stocked with fish. On one of his visits to the falls of the Mingan River, he found about forty of these fish in a hole in the rock to one side of the river; they had been carried there by the flood, when the river overflowed its banks; he succeeded in saving them, and having them replaced in the river. In 1880, he saved thirty in the same way.

Cod fishing was fairly good, from Long Point to the westward. The unusual roughness of the season kept the boats ashore for days together. The fall fishery was good, and the fishermen, from Long Island up, are well off. The fishery made by people from Esquimaux Point, in schooners on the Labrador, was an entire failure. As a consequence, the fishermen from Esquimaux Point are wretchedly off, and have had to receive assistance sent there from Quebec. The local herring fishery was good, especially about Magpie. The fall herring fishery in the Straits, made by the Esquimaux Point fishermen, was a total failure. A few seals were shot by Indians about Mingan and Romaine, but the main fishery in the ice by schooners from the Point was an utter failure. The schooners succeeded in getting out of the ice, in which they had wintered at Esquimaux Point, in April; they went down towards the Straits of Belle Isle, to their usual sealing grounds, but got jammed in the field ice off Big Meccatina, and drifted about at the mercy of the wind and currents until the end of May and beginning of June. They saw plenty of seals at a distance, but were never able to get near them; many of them endured great privations, as they were poorly supplied with provisions.

NATASHQUAN DIVISION.

Overseer Mathurin reports the cod fishery, in his division good. It is about the same as last year. The season of the cod fishery about Natashquan is exceedingly short, the fishing having begun this year about the 20th June, was entirely over by the 25th of July. Salmon fishery was poor during the greater part of the season; the water of the River Natashquan was high, and too strong to keep the nets out. The freshets also brought down a great amount of drift wood, which tore away and destroyed the nets. A more than usual quantity of salmon were seen in the pools below the falls. Herring fishing was good. A large quantity of herring was caught and salted by the Natashquan fishermen. These were taken to Quebec in the fall, where they sold well. Seal fishery was much better than last year, the vessels from Natashquan not having been jammed in the ice, as were those from the point.

WASHEECOOTAI DIVISION.

Overseer McLeod reports that he arrived in his division on the 2nd June, and found that the herring had struck in. Large quantities of herring were taken by the fishermen and stored in ice for future use as bait. The ice kept off and on along the shore until the 25th of June, putting an end to all fishing operations, as the boats and vessels were all jammed in the harbours. A few cod were taken at intervals, with frozen herring as bait. The cod fishery throughout the division was poor and most of the local fishermen from Kyashka have given up the fishing and abandoned the place. Salmon fishing was also poor, showing a decrease of 37 barrels as compared with the preceding. This failure was, no doubt, due to the lateness of the ice and the high state of the river.

ST. AUGUSTINE DIVISION.

Overseer Legouvé reports the salmon fishery as being poor, only 145 barrels of salmon having been taken this season, a decrease of 126 barrels, as compared with last year. The nets in this division are mostly all in very exposed positions, and during such a rough season as this was, it was almost impossible to fish them, and

in fact, some of them were not fished at all. In addition to the roughness of the season comes the fact that the ice only left the coast on the 27th June. This shortened the season so much that altogether the wonder was that the salmon fishermen did even as well as stated. The returns show that about the same quantity of cod was taken this year as last. The fish were kept off the coast in June by the ice, and instead of striking the coast from the westward, as usual, early in June, they only made their appearance towards the end of July and August. By this time, all the Nova Scotia and Newfoundland vessels had left the coast, having given up the fishery in despair, after having lost fully a month in useless endeavours to find fish. These vessels all went to the Northern Labrador and it was reported that they did not do well there either. Cod were abundant about the end of August, and even in September, but by this time bait was scarce. In September, some people of Mutton Bay managed to enclose a school of herring in a seine near Grand Meccatina, and as long as this supply of bait lasted, they did well at the cod fishery. Most of the cod taken in this division is caught by fishermen resident at Mutton Bay and Harrington Harbour, the rest of the inhabitants confining themselves to the salmon and seal fisheries. Herring were abundant in the division, 2,667 barrels having been salted for exportation, whereas only twenty barrels were exported last year. The herring were plentiful about Whale Head and Grand Meccatina in September, and had the Esquimaux Point vessels been satisfied with their quality, they could easily have loaded there. As it was, they "went further and fared worse." The sedentary seal fishermen did well, having taken 3,607 seals, being an increase of 1,691 pieces over 1882. The seals were large and fat, yielding a large quantity of oil. The skins fetched a higher price than usual, and most of the oil sold well.

BONNE ESPERANCE DIVISION.

Overseer Whitely, reports the salmon fishery as having been below the average, only 108 barrels having been taken, as compared with 163 last season. This was due to the long continuance of the spring ice and the general lowness of the rivers. The seal fishery was also poor, owing to the field having been jammed on the shore until well into the summer. Cod fishing was fair, but for a long time in the beginning of the season none at all were taken, the ice having kept them off shore. When they did appear, they came from the eastward, instead of down from the westward, as they usually do. The fishery was very good for the short time it lasted. The price of fish was high—20s. per cwt. The Newfoundland fishermen continue to increase on this part of the coast, and if it were not for the presence of the Canadian Government steamer "La Canadienne," we should be driven off our own fishing grounds, as in fact is the case at Greenly Island and vicinity, when the cutter is away.

MAGDALEN ISLANDS DIVISION.

Overseer Chevrier writes that the spring herring fishery did not exist at all, as during the spring tides of May, when the herring generally visit the Bay to spawn, and are seined in enormous quantities, the Bay was packed with ice, and the herring were driven to seek other spawning grounds. The fat summer herring were scarce also, only 250 barrels having been exported, instead of 2,446 barrels, as last year. Mackerel were plentiful, especially on the north side of the Islands; 1,070 barrels were taken, being 325 barrels short of last year's catch. More could have been taken, but the cod fishery was so good at the time that fishermen did not pay much attention to the mackerel. The shore cod fishery of the Islands was the best that has been made for many years, the total catch being 19,209 cwt., as compared with 14,451 cwt. last year. The difference is really greater than can be shown by these figures, as last year the fleet of vessels going from the Islands to the Labrador did well, and their catch is included in the total catch of the Islands; while this year, these vessels returned without anything like enough to pay their expenses. The fishery was practically

good at the Moulin and Etang du Nord. The breakwater at this latter place is not yet repaired. It is to be hoped that work will proceed more energetically at it next season, as in its present wrecked condition it is liable to be washed ashore by any strong norwester, and should this happen the little harbour of Etang du Nord will be ruined. The seal fishing was a poor one, only 5,448 having been taken, against upwards of 10,000 in 1881, a good year. The trouble was the same as last year. The ice jammed around the Islands in March and April, and the sealing schooners were never able to force their way through this barrier, to the seal-bearing ice outside. The lobster fishing was good, the catch being 470,444 lbs., against 476,528 lbs. in 1882, a decrease of 5,084 lbs. The season was late in beginning, and exceedingly rough, all the canners having lost a number of traps and moorings. The feeling is very general that the close season should be changed, so as to permit of fishing in the months of September and October, when the lobsters are in the prime condition, as it is now. During the last three weeks of the open season, the lobsters are in very poor condition for canning, being soft-shelled, watery and half empty. The harvest of the Islands was good, and the prices of all kinds of fish and oils being high, the inhabitants are well off for the winter.

Return showing the Number and Value of Nets, &c., in the County of Gaspé, extending from Cape Chatte to Point Maquereau, in the Province of Quebec, for the Year 1883.

GASPÉ SUB-DIVISION (Cape Gaspé to Point Maquereau.)

NAME OF PLACE.	Salmon Nets.		Cod Stanes.		Herring Nets.		Mackerel Nets.		Capelin Seines.		Lance Seines.		Seal Nets.		Brush Fisheries.		
	No.	Yards.	No.	Yards.	No.	Value.	No.	Value.	No.	Yards.	No.	Yards.	No.	Yards.	No.	Value.	
Ship Head	1	120	1	30	16	289	1	44	1	80	1	44	1	80	1	80	
Indian and St. George's Coves	4	343	28	1102	28	318	7	294	7	59	7	294	7	59	7	294	
Grande Grève and Little Gaspé	5	748	53	2224	53	665	21	738	21	110	21	110	21	110	21	110	
Cap aux Os and Seal Rock	6	748	22	836	22	197	5	209	5	32	5	32	5	32	5	32	
Peninsula	8	2502	8	226	8	40	32	40	32	40	32	40	32	40	32	40	
North-West Bay and Anse au Cousin	8	1500	4	160	4	10	10	10	4	100	4	100	4	100	4	100	
South-West Bay and Basin	25	5000	1	30	1	20	20	20	1	30	1	30	1	30	1	30	
Sandy Beach	15	2000	1	30	1	20	20	20	1	30	1	30	1	30	1	30	
Douglas town and Seal Cove	9	1800	20	800	20	400	42	1680	42	30	42	30	42	30	42	30	
Ozhen Blanc and Red Head	1	60	160	4892	1567	6	314	90	4	170	95	4	180	350	2	70	
Point St. Peter	4	3900	86	3768	1218	1	45	20	2	70	200	2	60	200	2	60	
Malbaie and Belle Anse	4	2000	10	380	95	95	9	615	439	9	410	290	9	410	290	9	410
Barachois	1	300	32	1920	485	1	20	10	6	288	114	6	288	114	6	288	
Corner of Beach and Cannes des Roches	1	70	233	7632	2602	1	20	10	7	410	178	7	410	178	7	410	
Percé	1	300	26	1040	236	236	26	1040	236	236	26	1040	236	236	26	1040	
Anse au Beaufils	1	260	112	4448	1268	1268	112	4448	1268	1268	112	4448	1268	1268	112	4448	
Cape Cove	1	260	39	1520	349	349	39	1520	349	349	39	1520	349	349	39	1520	
Cape Despair	3	1200	81	3220	717	3	120	30	4	125	70	4	125	70	4	125	
Little River, E.	3	1200	188	6537	2044	2044	188	6537	2044	2044	188	6537	2044	2044	188	6537	
Grand River	1	300	23	904	286	286	23	904	286	286	23	904	286	286	23	904	
Little River, W.	1	150	92	3000	1268	1268	92	3000	1268	1268	92	3000	1268	1268	92	3000	
Little Pabos	2	500	59	2470	843	843	59	2470	843	843	59	2470	843	843	59	2470	
Grand Pabos	2	500	188	6005	2401	2401	188	6005	2401	2401	188	6005	2401	2401	188	6005	
Newport and Anse aux Canards			7	230	98	98	7	230	98	98	7	230	98	98	7	230	

RETURN showing the Kinds and Quantities of Fish in the South Shore Division, extend

STE. ANNE'S SUB-DIVISION

NAME OF STATION.	Salmon, cured, barrels.	Salmon, fresh, in ice, lbs.	Salmon, in lb. cans.	Salmon, smoked, boxes.	Summer Fishing.	Fall Fishing.	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Herring, smoked, boxes.
					Cod, quintals.	Cod, quintals.					
<i>Gaspé Co.</i>											
Cape Chatte.....	8				295	411			8	53	
Ste. Anne.....	8	6014		1	619	1073			6	175	
Martin River.....					187	104			3	25	
Totals.....	16	6014		1	1081	1588			17	253	

MAGDALEN RIVER SUBDIVISION

Claude River and Rivière à Pierre.....					380	200				80	
Mont Louis.....					1600	1200				128	
Ruisseau des Olives and Anse Pleureuse....	2				160	140				25	
Gros Mâle.....	4				240	80					
Manche d'Épée.....					160	64					
Little Magdalen.....					48	20					
Magdalen River.....	12				240	72				12	
Grande Anse.....					10	5					
Grande Vallée.....					540	135			5	15	
Anse à Collin and Anse à Mercier.....					180	50				5	
Little Vallée.....					280	70				5	
Frigate Point.....					440	100			1	10	
Little Anse.....					350	90			2	8	
Big and Little Chlorydorme.....					1200	300			4	12	
Pointe Sèche.....					1000	400			5	15	
Grand Etang.....					300	100				10	
Anse à Valcau.....					320	160				16	
Pointe Jaune.....					360	180				10	
Echourie and Grande Anse.....					420	210				15	
Little Cape.....					600	240				10	
Little Fox River.....					400	200				6	
Fox River.....					2000	1500			20	300	
Anse à Fougère.....					200	100				10	
Anse au Grisfonds.....	2				2500	500				400	
Three Runs and Jersey Cove.....					440	375				25	
L'Anse à Louise.....					420	350				50	
Cap des Rosiers.....					800	750				100	
Totals.....	20				15588	7591			37	1267	

ing from Cape Chatte to Point Maquereau, in the Province of Quebec, for the Year 1883.

(Cape Chatte to Martin River.)

Mackerel, barrels	Trout, barrels.	Sardines, barrels.	Eels, barrels.	Tunny, barrels.	Cod Tongues and Sounds, barrels.	Seals, Whales and Porpoises.				Oils.			Fish and Clams used as Bait and Manure.						Fish used for Local consumption, barrels.	
						No. of Seals.	No. of Seal-skins.	No. of Whales.	No. of Porpoises.	Seal Oil, galls.	Whale Oil, galls.	Porpoise Oil, galls.	Cod Oil, gallons.	Herring, barrels.	Capelin, barrels.	Smelt, barrels.	Cod Roes, barrels.	Squid, barrels.		Trout, barrels.	Lancee, barrels.	Clams, barrels.	Lot'sters in lb. cans.
16	9	4	...	...	3	.....	.....	.....	.....	25	84	80	600	...	...	11	...	11	.....	168
27	15	...	...	...	5	.....	.....	.....	36	168	360	102	100	...	...	13	...	19	.....	306
10	1	...	...	...	1	.....	.....	.....	...	...	112	16	1000	...	...	...	...	...	.....	88
53	25	4	...	...	9	.....	.....	.....	36	193	556	207	1700	...	...	24	...	30	.....	562

(Martin River to Cape Gaspé.)

10	...	...	...	...	...	...	...	...	...	...	250	150	...	...	...	...	...	...	...	60
...	10	...	...	...	...	...	...	...	...	...	1500	1000	...	...	12	5	...	...	...	300
...	...	...	...	...	...	...	...	...	...	...	100	50	...	...	...	...	...	...	...	70
...	...	...	...	...	...	...	...	...	...	...	150	76	...	...	...	...	...	...	...	30
...	...	...	...	...	...	...	...	...	...	...	100	55	...	...	...	...	...	...	...	30
...	...	...	...	...	...	...	...	...	...	...	30	10	...	...	...	...	...	...	...	21
...	...	...	...	...	...	...	...	...	...	...	150	75	...	...	10	10	...	...	...	75
...	...	...	...	...	...	...	...	...	...	...	5	5	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	300	200	...	...	3	8	...	...	...	70
...	...	...	...	...	...	...	...	...	...	...	100	60	...	...	...	...	...	...	...	10
...	...	...	...	...	...	...	...	...	...	...	150	100	...	...	5	...	...	...	...	10
...	...	...	...	...	...	...	...	...	...	...	250	150	...	...	6	...	...	...	...	12
...	...	...	...	...	...	...	...	...	...	...	200	150	...	...	2	...	...	...	...	80
...	...	...	...	...	...	...	...	...	...	...	500	300	...	...	4	3	...	...	...	100
...	...	...	...	...	2	.....	.....	.....	.....	.....	600	300	...	...	4	...	...	...	...	40
...	...	...	...	...	...	...	...	...	...	...	200	80	...	...	2	...	...	...	...	13
...	...	...	...	...	...	...	...	...	...	...	240	100	...	...	8	...	...	...	...	24
...	...	...	...	...	...	...	...	...	...	...	270	120	...	...	5	...	...	...	...	35
...	...	...	...	...	...	...	...	...	...	...	300	200	...	...	10	...	...	...	...	45
...	...	...	...	...	...	...	...	...	...	...	420	240	...	...	10	...	...	...	...	60
...	...	...	...	...	...	...	...	...	...	...	300	200	...	...	8	...	...	...	...	35
...	...	...	...	...	...	...	...	...	...	...	1500	1250	...	...	50	...	...	...	...	400
...	...	...	...	...	...	...	...	...	...	...	150	100	...	...	5	...	...	...	...	20
...	...	...	...	...	...	...	...	...	...	...	1700	2500	20	3	100	...	3	...	...	400
12	...	...	...	...	...	...	...	...	...	...	700	200	40	...	50	...	...	...	...	50
10	...	...	...	...	...	...	...	...	...	...	700	200	30	...	50	...	...	...	...	60
10	...	...	...	...	...	...	...	...	...	...	1500	500	50	...	150	...	...	...	...	200
44	10	...	...	...	2	.....	.....	.....	.....	.....	12360	8371	140	3	494	26	3	.....	.....	2254

RETURN showing the Kinds and Quantities of Fish in the South Shore

GASPÉ SUB-DIVISION (Cape

NAME OF STATION.	Salmon, cured, barrels.	Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Salmon, smoked, boxes.	Summer	Fall	Haddock, quintals.	King, quintals.	Halibut, barrels.	Herring, barrels.	Smoked Herring, boxes.
					Fishing.	Fishing.					
					Cod, quintals.	Cod, quintals.					
Ship Head.....					1660	200					93
Indian and St. George's Coves.....					711	351					105
Grande Grève and Little Gaspé.....		3600			1100	520					80
Cape aux Os and Seal Rock.....		5286			287	142					100
Peninsula.....		14700			112	48					14
North-West Bay and Anse au Cousin.....		18022				15					13
South-West Bay and Basin.....		29466			25						30
Sandy Beach.....		14423			433	107					
Douglastown and Seal Cove.....		4489			1100	120					25
Chien Blanc and Red Head.....					1050	500					63
Point St. Peter.....		210			3190	1320					176
Malbaie and Belle Anse.....		3575	3633		2355	846					115
Barachois.....		4500			1350	580					54
Corner of Beach and Cannes des Roches.....		670			767	408					55
Percé.....					7236	1450					419
Anse au Beaufils.....					895	496					52
Cape Cove.....		425			3240	1640					91
Cape Despair.....					1153	881					67
Little River, East.....					2960	1355					84
Grand River.....		1400			4867	2533	19				2180
Little River, West.....					875	655	5				240
Little Pabos.....		2000			3218	1470	10	4			269
Grand Pabos.....		2800			2350	1516	12	12			105
Newport and Anse aux Canards.....					7107	4749	104	51			790
Bonaventure Island.....					4965	756					20
Totals.....		98566	3633		52886	22635	150	67			5240

TOTAL FOR THE

Ste. Anne's Sub-division.....	16	6014		1	1081	1588			17	253	
Magdalen River do.....	20				15588	7591			37	1267	
Gaspé do.....		98566	3633		52886	22635	150	67		5240	80
Totals.....	36	104580	3633	1	69555	31814	150	67	54	6790	80

Division, extending from Cape Chatte to Point Maquereau, &c.—Continued.
 Gaspé to Point Maquereau).

Mackerel, barrels.	Trout, barrels.	Sardines, barrels.	Kels, barrels.	Tunny, 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 Ros, barrels.			Squid, barrels.	Trout, barrels.	Launce, barrels.	Clams, barrels.
4											370											39	
22											661												51
5											1229												60
151											183												64
47											71												55
40																							100
307											4810												75
																							230
											182												300
											650												130
											1500												62
											3521												209
											2392												150
											1400												20
											890												565
											4850												128
											700												165
											2105												89
											1150												228
											2513												194
											5635												40
											925												166
											3285												93
											1937												730
											6258												57
											2546												
679					191						4810	44956	12903	5763	676	69	2205	594	168	92000	3991		

COUNTY OF GASPÉ.

53	25	4		9				36		193	576	207	1700					24		30		562
44	10			2							12360	8371	140	3		494	26			3		2254
679				191				4		4810	44956	12903	5763	676	69	2205	594	168	92000	3991		
776	35	4		205				4	36	4810	193	57872	21481	7608	679	69	2699	50	591	201	92000	6807

RETURN showing Number and Value of Nets, &c., in the County of Bonaventure, extending from Point Maquereau to Head of Tide, Rimigoiche, in the Province of Quebec, for the Year 1883.
 PORT DANIEL SUB-DIVISION (Point Maquereau to Paspébiac.)

NAME OF PLACE.	NETS AND SEINES.													
	Salmon Nets.			Herring Seines.			Herring Nets.		Mackerel Nets.		Capelin Seines.		Brush Fisheries.	
	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Value.
L'Anse au Gascon	13	120	50	.....	4400	1100	.....	.....	.....	8	320	150	.....	.....
L'Anse à la Barbe	12	140	50	.....	1600	400	.....	.....	.....	4	16	6	.....	.....
Port Daniel	60	2914	870	.....	2600	700	.....	.....	.....	3	10	60	.....	.....
S. W. Point Port Daniel	5	50	150	.....	800	260	.....	.....	.....	3	120	50	.....	.....
Point Loup-Marin	.....	.....	.....	.....	1700	300	.....	.....	.....	4	160	70	.....	.....
Shigawake	.....	.....	.....	.....	1500	400	.....	.....	.....	4	160	80	.....	.....
Nouvelle	.....	.....	.....	.....	100	3500	100	.....	.....	18	700	280	.....	.....
Paspébiac Porago	.....	.....	.....	.....	40	1500	400	.....	.....	10	300	150	.....	.....
Totals	99	3704	1100	.....	17650	4500	.....	.....	.....	54	2040	900	.....	.....
NEW RICHMOND SUB-DIVISION (Paspébiac to Maguasha Head.)														
Paspébiac	.....	.....	.....	.....	1975	660	.....	.....	.....	55	1975	650	.....	.....
New Carlisle	.....	.....	.....	.....	420	150	.....	.....	.....	6	216	72	.....	.....
Big and Little Bonaventure	.....	.....	.....	.....	3150	1050	.....	.....	.....	60	1410	720	.....	.....
Capelin	.....	.....	.....	.....	1925	455	.....	.....	.....	15	615	300	.....	.....
Marie	16	511	260	.....	1000	600	.....	.....	.....	1	350	200	.....	.....
New Richmond and Black Capes	175	3890	1690	.....	1800	600	.....	.....	.....	1	40	36	.....	.....
Carleton	251	8576	4288	.....	50	1800	500	.....	.....	20	720	240	.....	.....
Nouvelle	161	4684	2344	.....	1800	500	.....	.....	.....	18	613	216	.....	.....
Maguasha	24	684	344	.....	410	135	.....	.....	.....	7	280	84	.....	.....
Totals	688	19339	9613	.....	12540	4280	.....	.....	.....	195	6337	2530	.....	.....

RE TURN showing the Kinds and Quantities of Fish in the South Shore Division, Ristigouche, &c.

PORT DANIEL SUB-DIVISION—

NAME OF STATION.	NAME OF OWNER.	Salmon, barrels, cured.	Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Salmon, smoked, boxes.	Summer Fishing.	Fall Fishing.	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels	Herring, smoked, boxes.
						Cod, quintals.	Cod, quintals					
<i>Bonaventure Co.</i>												
Anse au Gascon	1300	1640	.....	.....	.....	40	.....
Anse à la Barbe	300	600	.....	.....	.....	100	.....
Port Daniel Bay.....	22521	.....	.....	.....	1130	1050	.....	.....	.....	70	.....
Shigawake.....	225	100	.....	.....	.....	25	.....
Nouvelle.....	330	1000	.....	.....	.....	200	.....
Paspebiac Portage	165	500	.....	.....	.....	30	.....
Totals.....	22521	.....	.....	.....	3450	4890	.....	.....	.....	465	.....

NEW RICHMOND SUB-DIVISION—

Paspebiac.....	.....	.....	.....	.....	.....	350	1000	70	45	.....	1300	300
New Carlisle .....	.....	.....	.....	.....	.....	125	175	10	10	.....	700	.....
Big and Little Bonaventure...	.....	.....	.....	.....	.....	1000	900	210	40	.....	7500	700
Capelin.....	.....	442	.....	.....	.....	150	200	50	45	.....	1500	450
Black Cape & New Richmond	.....	16674	.....	.....	.....	85	110	.....	.....	.....	1550	600
Maria.....	.....	28678	.....	.....	.....	75	65	.....	.....	.....	2500	1200
Carleton .....	.....	10124	.....	.....	.....	75	45	.....	.....	.....	1500	1000
Nouvelle.....	.....	9018	.....	.....	.....	.....	.....	.....	.....	.....	400	50
Maguasha .....	.....	4438	.....	.....	.....	25	10	.....	.....	.....	150	200
Totals.....	.....	69372	.....	.....	.....	1985	2505	340	140	.....	17100	4950

RISTIGOUCHE SUB-DIVISION—

Twenty-two proprietors of salmon fishing stations on the Quebec side of the Ristigouche	63543
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TOTALS FOR THE COUNTY

Port Daniel Sub-division	22521	3450	4890	465
New Richmond d)	69372	1985	2505	340	140	17100	4950
Ristigouche d) .....	.....	63543	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	.....	155436	.....	.....	.....	5435	7395	340	140	.....	17565	4950

County of Bonaventure, extending from Point Maquereau to Head of Tide in
—Continued.

(Point Maquereau to Paspebiac).

Mackerel, barrels.	Trout, barrels.	Sardines, barrels.	Eels, barrels.	Tunny, 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.
.....	6	.....	.....	.....	.....	1200	400	400	40	80	.....	.....	.....	.....	.....	.....	.....	.....	100
.....	4	.....	.....	.....	.....	400	300	250	15	30	.....	.....	.....	.....	.....	.....	.....	.....	50
12	3	.....	.....	.....	.....	900	450	570	9	45	.....	.....	.....	.....	.....	.....	.....	.....	105
2	100	550	2	5	5	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	600	400	50	2	20	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	300	600	400	6	10	.....	.....	.....	.....	.....	.....	.....	.....	100
14	13	.....	.....	.....	.....	3500	2700	1672	77	190	.....	.....	.....	.....	.....	.....	.....	.....	605

(Paspebiac to Maguasha Head).

35	.....	15	25	.....	.....	.....	.....	.....	.....	1100	750	900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	350
20	.....	.....	15	.....	.....	.....	.....	.....	.....	125	600	750	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	325
50	.....	7	25	.....	.....	.....	.....	.....	.....	825	6000	100	.....	.....	.....	.....	.....	.....	.....	.....	150	1200	.....	.....	1500
75	.....	.....	40	.....	.....	.....	.....	.....	.....	300	250	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	60	1140	.....	500
35	.....	6	20	.....	.....	.....	.....	.....	.....	70	1100	210	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	450
60	.....	40	15	.....	.....	.....	.....	.....	.....	45	1500	350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	750
45	.....	9	10	.....	.....	.....	.....	.....	.....	25	2500	350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	325
25	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	275
25	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200
375	91	150	2490	13050	2960	10	481	2310	4675

(Maguasha Head to Head of Tide in Ristigonche).

.....	15
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OF BONAVENTURE.

14	13	3500	2700	1672	77	190	605	
375	91	150	2490	13050	2960	10	4675
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
389	.....	92	163	.....	.....	.....	.....	.....	.....	5990	15750	4632	77	190	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5295

RETURN showing Number and Value of Nets, &c., in the County of Saguenay Quebec, for

GODBOUT

NAME OF PLACE	NETS								
	Salmon Nets.			Cod Seines.			Herring Seines.		
	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.
			\$			\$			\$
Manicouagan and English Bay.....	1	60	50						
Grand St. Nicholas.....	2	160	100						
Little St. Nicholas.....	1	100	50						
Pointe Rouge.....	1	120	70						
Godbout River.....									
Godbout Bay.....									
La Table.....									
Pointe de Monts.....	3	150	120						
St. Pancrace, Mistassini River.....	1	120	60						
Beccsic River and Pointe à la Croix.....	1	120	50						
Totals.....	10	830	500						

TRINITY

Trinity Bay.....	11	1060	475						
Petit Mai.....	2	160	60						
Islets à Caribou.....	5	360	65						
Calumet.....	1	150	75						
Isle aux Œufs.....									
Pointe aux Anglais.....									
Pentecost River—Portage.....									
Pentecost River.....	2	120	11	1	150	20	1	150	15
Cailles Rouges.....									
Totals.....	21	1850	686	1	150	20	1	150	15

MOISIE

Jambons.....	1	140	100						
Ste. Marguerite River.....	4	259	200						
Seven Islands.....	3	1000	900				1	120	30
Moisie.....	28	4340	2700						
Pigou.....									
Rivière au Bouleau.....									
Totals.....	36	5739	3900				1	120	30

extending from Manicouagan to Blancs Sablons, in the Province of the Year 1883.

SUB-DIVISION.

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.	Yards.	Value.	No.	Yards.	Value.	No.	Value.
		\$			\$			\$			\$			\$			\$		\$
						1	60	30							1	1200	1500	1	20
2	100	40	1	150	200														
																		1	15
2	100	40	1	150	200	1	60	30							1	1200	1500	2	35

SUB-DIVISION.

1	50	10																	
3	150	39				1	50	15							3	200	20		
2	100	21				1	40	12											
															4	288	25		
1	40	12													4	200	18		
9	453	75													2	80	4		
4	150	22	1	180	20	2	100	14											
5	232	63	1	150	32	1	23	4	1	60	80	1	60	10	2	120	8		
25	1175	242	2	330	52	5	212	45	1	60	80	1	60	10	15	888	75		

SUB-DIVISION.

30	1270	414	1	240	150	2	100	20											
2	62	16				2	70	18	1	70	50								
18	738	207				1	125	10	1	72	71	3	206	154				2	180
									2	115	52	3	184	178					
3	158	50				1	60	12	1	60	40	2	130	134					
2	72	20				1			1	50	25								
55	2300	707	1	240	150	7	355	60	6	367	238	8	520	466				2	180

RETURN showing the Value of Nets, &c., in the Saguenay Division, extending from
MINGAN

NAME OF PLACE.	NETS								
	Salmon Nets.			Cod Seines.			Herring Seines.		
	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.
Sheldrake.....	1	100	50	2	160	120			
Primrose Cove.....									
Thunder River.....				1	80	60			
Indian Harbour.....									
Rich Point.....									
Jupitagan River.....	4	200	100						
Maggie.....									
Maggie River.....	12	600	300						
St. John's.....	6	2000	500						
Long Point.....									
Mingan.....	6	650	325						
Esquimaux Point.....							4	160	240
Betchouan.....							1	40	60
La Corneille.....	2	300	150						
Piashter Baie.....	2	400	300						
Little and Big Watsheeshoo.....									
Totals.....	33	4250	1625	3	240	180	5	200	300

NATASHQUAN

Nabissippi.....	4	460	175						
Agwanus.....	6	650	300						
Isle de Michon.....									
Washtawooca.....									
Natashquan Harbour.....									
Little Natashquan.....	5	1080	465				1	60	25
Natashquan River.....	25	5200	4000						
do.....									
Totals.....	40	7420	4940				1	60	25

WASHECOOTAI

Kegashka.....	3	200	100						
Curlew Point.....	1	150	95						
Cloudberry Point.....									
Washecootai.....	3	200	100						
Musquarro.....									
Romaine.....	3	180	120						
Totals.....	10	700	415						

Manicouagan to Blancs Sablons, in the Province of Quebec, for the Year 1883.

SUB-DIVISION.

AND SEINER.

Herring Nets.			Mackerel Seines.			Mackerel Nets.			Capelin Seines.			Lance Seine.			Seal Nets.			Brush Fisheries.	
No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Value.
		\$			\$			\$			\$			\$			\$		\$
20	1000	200	.....	.....	.....	.....	.....	.....	3	200	180	4	260	240	.....	.....	.....	.....	.....
2	100	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	40	60	.....	.....	.....	.....	.....
6	300	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	120	180	.....	.....	.....	.....	.....
2	100	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	40	60	.....	.....	.....	.....	.....
2	100	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	120	180	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	40	60	.....	.....	.....	.....	.....
20	1000	200	.....	.....	.....	.....	.....	.....	2	80	120	4	160	240	.....	.....	.....	.....	.....
.....
20	1000	200	.....	.....	.....	.....	.....	.....	2	80	120	4	160	240	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	160	240	.....	.....	.....	.....	.....
50	2500	500	.....	.....	.....	.....	.....	.....	4	160	240	4	160	240	8	200	160	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	2	80	120	.....	.....	.....	4	100	80	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	80	40	.....	.....
.....
122	6100	1220	.....	.....	.....	.....	.....	.....	13	600	780	29	1260	1740	14	380	280	.....	.....

SUB-DIVISION.

3	170	75	.....	.....	.....	.....	.....	.....	2	130	150	.....	.....	.....	.....	.....	.....	.....	.....
3	180	45	.....	.....	.....	.....	.....	.....	1	50	60	.....	.....	.....	.....	.....	.....	.....	.....
13	650	140	.....	.....	.....	.....	.....	.....	1	80	60	.....	.....	.....	.....	.....	.....	.....	.....
6	660	53	.....	.....	.....	.....	.....	.....	1	80	28	.....	.....	.....	.....	.....	.....	.....	.....
3	150	24	.....	.....	.....	.....	.....	.....	1	80	50	1	40	50	.....	.....	.....	.....	.....
130	2950	1300	.....	.....	.....	.....	.....	.....	5	350	200	.....	.....	.....	.....	.....	.....	.....	.....
7	210	105	.....	.....	.....	.....	.....	.....	1	50	20	.....	.....	.....	.....	.....	.....	.....	.....
4	100	48	.....	.....	.....	.....	.....	.....	1	25	25	.....	.....	.....	.....	.....	.....	.....	.....
169	5070	1790	.....	.....	.....	.....	.....	.....	13	845	593	1	40	50	.....	.....	.....	.....	.....

SUB-DIVISION.

10	400	160	.....	.....	.....	.....	.....	.....	2	200	150	.....	.....	.....	.....	.....	.....	.....	.....
2	60	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....
.....
.....
12	460	190	.....	.....	.....	.....	.....	.....	2	200	150	.....	.....	.....	.....	.....	.....	.....	.....

RETURN showing Number and Value of Nets, &c., in Saguenay Division,

ST. AUGUSTINE

NAME OF PLACE.	NETS								
	Salmon Nets.			Cod Seines.			Herring Seines.		
	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.
Coacochoo River	4	300	300						
Maniswachi do									
Etamamu do	10	500	220						
Point du Mourier	1	150	100						
St. Mary's Islands	2	150	100						
Netagamion	4	175	200						
Harrington Harbour	3	300	80	1	600	200	3	1050	230
Pointe à la Croix	2	75	40						
Little Meccatina	2	80	60				1	300	40
Rigolet au Chat									
Gull Island	2	150	50						
Providence Island	4	160	90						
Isle au Chat							1	300	200
Whale Head	14	700	280						
Sloop Harbour							2	600	140
Mutton Bay	2	300	50	1	400	400	6	1800	480
Grand Meccatina	3	300	100				1	250	90
Red Bay	5	500	80						
La Tabatière	4	90	60				3	680	300
Lac Salé (Tabatière)	5	150	100						
Grand Meccatina Island	2	80	50						
Fonderie à Fecteau	5	360	100						
Kifapoe	5	430	120						
Red Point	2	80	40						
Pocachoo	5	450	130						
Little Rigolet	6	400	100						
Big Rigolet	7	400	100						
Gross Isle, St. Augustine	4	300	80						
River Island do	1	40	20						
Lac Salé do	7	430	135						
Dog Island do	11	330	200						
Sandy Island do	3	171	100						
St. Augustine River	6	200	80				2	200	150
St. Augustine Bay	5	250	100						
St. Augustine Harbour	3	150	100				2	200	150
Point à Giroux	3	160	100						
Caraasippi	12	290	270						
L'Anse au Portage	3	80	80						
Canso Harbour	3	150	150						
Chicatica Harbour	2	80	50						
Chicatica Island	2	80	50						
Totals	164	8991	4065	2	1000	600	21	5380	1780

extending from Manicouagan to Blancs Sablons, &c.—Continued.

SUB-DIVISION.

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.	Yards.	Value.	No.	Yards.	Value.	No.	Value.
		\$			\$			\$			\$			\$			\$		\$
3	60	60													1	30	30		
															2	100	100		
20	1000	400							1	100	30								
1	50	20							5	2000	400								
3	125	40							1	300	60								
1	25	10													1	150	100		
2	75	30													1	300	150		
															1	500	300		
7	250	110													1	100	110		
7	140	75							1	100	80								
28	1200	560				1	200	100	5	1000	400				2	900	400		
1	50	25							1	200	100								
1	50	20													1	450	300		
7	200	150							3	400	105				2	1600	1400		
															1	500	450		
3	90	60							1	150	40				1	250	200		
2	50	50													1	400	400		
1	50	20																	
															1	400	450		
1	50	25																	
4	350	300							1	200	200								
92	3815	1955				1	200	100	19	4450	1415				16	5680	4390		

RETURN showing Number and Value of Nets, &c, in Saguenay Division

BONNE ESPERANCE

NAME OF PLACE.	NETS								
	Salmon Nets.			Cod Seines.			Herring Seines.		
	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.
			\$			\$			\$
Nabitippi	2	100	50	.....	.....	.....	.....	.....	.....
Bull Cove	2	200	100	.....	.....	.....	.....	.....	.....
Bay of Rocks	2	200	100	.....	.....	.....	.....	.....	.....
Lydia's Cove	2	200	100	.....	.....	.....	.....	.....	.....
Pêche à Lizotte	2	200	100	.....	.....	.....	.....	.....	.....
Dog Island	2	200	100	.....	.....	.....	.....	.....	.....
Old Fort Island	1	100	50	.....	.....	.....	.....	.....	.....
St. Paul's River	8	400	200	.....	.....	.....	.....	.....	.....
Burnt Island .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wood Island .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bonne Esperance	3	300	150	3	600	1400	1	200	300
Pigeon Island	3	300	150	2	400	300	.....	.....	.....
Stick Point	4	400	200	1	200	600	.....	.....	.....
Salmon Bay	1	300	150	10	2000	4400	.....	.....	.....
Little Fishery	2	400	200	.....	.....	.....	.....	.....	.....
Five Leagues	1	200	100	.....	.....	.....	.....	.....	.....
Middle Bay .....	.....	.....	.....	4	800	1200	.....	.....	.....
Belles Amours .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bradore .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anse des Dunes	1	100	50	.....	.....	.....	.....	.....	.....
Long Point .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	36	3600	1800	20	4000	7900	1	200	300
TOTALS OF ALL THE SUB-DIVISIONS									
Godbout	10	830	500	.....	.....	.....	.....	.....	.....
Trinity	21	1850	686	1	150	20	1	150	15
Moisie	36	5739	3900	.....	.....	.....	1	120	30
Mingan	33	4260	1625	3	240	180	5	200	300
Natashquan	40	7420	4940	.....	.....	.....	1	60	25
Washecootai	10	700	415	.....	.....	.....	.....	.....	.....
St. Augustine	164	8991	4085	2	1000	600	21	5380	1780
Bonne Esperance	36	3600	1800	20	4000	7900	1	200	300
Grand Totals	350	33390	17931	26	5390	6700	30	6110	2450

extending from Manicouagan to Blancs Sablons, &c.—Continued.

SUB-DIVISION.

AND SEINES.

Herring Nets.			Mackerel Seines.			Mackerel Nets.			Capelin Seines.			Lauuce 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.
		\$			\$			\$			\$			\$			\$		\$
															2	40	20		
									1	100	40				2	40	20		
															1	20	10		
															10	600	500		
									1	100	50	1	20	40					
									1	100	50	1	10	20					
4	200	50							3	200	100	3	40	80					
									1	100	50	1	20	40					
									1	100	50	1	20	40					
									6	500	250	6	120	240					
									1	100	50	1	20	40					
									1	100	50								
															16	1000	800		
															8	500	300		
															20	1200	1000		
4	200	50							16	1400	650	14	250	500	61	3440	2670		

IN SAGUENAY COUNTY, LABRADOR.

2	100	40	1	150	200	1	60	30							1	1200	1500	2	35	
25	1175	242	2	330	52	5	212	45	1	60	80	1	60	10	15	8-8	75			
55	2300	707	1	240	150	7	355	60	6	367	238	8	520	466				2	180	
122	6100	1220							13	60	780	29	1260	1740	14		380	280		
169	5070	1790							13	845	593	1	40	50						
12	460	190							2	200	150									
92	3815	1955				1	200	100	19	1450	1415				16	5630	4390			
4	200	50							16	1400	690				61	3440	2670			
481	19220	6191	4	720	402	14	827	235	70	7922	3946	53	2130	2566	107	22388	8915	4	215	

RETURN showing the Kinds and Quantities of Fish in the County of Saguenay
Province of Quebec,

GODBOUT SUB-DIVISION—

NAME OF STATION.	Salmon, barrels, cured.	Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Salmon, smoked, boxes.	Summer	Fall	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Smoked Herring, boxes.	Mackerel, barrels.	Trout, barrels.	Sardines, barrels.	Eels, barrels.
					Fishing.	Fishing.									
Manicouagan & English Bay.....		100								1		5			
Grand St. Nicholas.....	1½														
Little St. Nicholas.....		300													
Pointe Ronche.....		758													
Godbout River.....	6	600												10	
Godbout Bay.....							3			25		55			
La Table.....		450													
Pointe de Monts.....	5	320					10					1	1		
St. Pancrace and Mistassini...	½	40												3	
Becscie River and Pointe à la Croix.....	3													3	
Totals.....	16	2568					13			26		61	17		

TRINITY SUB-DIVISION—

Trinity Bay.....		3420					5								
Petit Mal.....	½	691			50		145		6	2½		5	2		
Islets à Caribou.....	¾				45		120			1		5½	6		
Calumet.....	1½											51	6		
Isle aux Oeufs.....							145			3		2			
Pointe aux Anglais.....					120		172			112½		15	2		
Pentecost River Portage.....					30		83			1					
Pentecost River.....							83			35		16½	5		
Caillies Rouges.....					57		125			107					
Totals.....	11½	4111			302		876		8	261		95	21		

MOISIE SUB-DIVISION—

Jambons.....					114		1018		18	379		85			
Ste. Marguerite River.....	2				6		225		1	19		5	1		
Seven Islands Bay.....		6292			489		1055		15	197		614			
Moisie.....	9½	40964			684		2193		24			2	4		
Pigou.....					691		426		11	2		7			
Rivière au Bouleau.....					160		150			3					
Totals.....	11½	47256			2144		5067		72	597		713	5		

Division, North Shore, extending from Manicouagan to Blancs Sablons, in the for the Year 1883.

(Manicouagan to Pointe de Monts.)

Tunny, 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, galls.	Whale O I, galls.	Porpoise Oil, galls.	Cod Oil, galls.	Herring, barrels.	Capelin, barrels.	Smelt, barrels.	Cod Roes, barrels.	Squid, barrels.	Trout, barrels.	Launce, barrels.			Clams, barrels.
209	200	14	600	500													4	
																		3
																		3
																		10
	557	557		3342												4		3
																		2
																		2
	757	757	14	3942	500											4		29

(Pointe de Monts to Cailles Rouges.)

	503	503	3018		60	10												5
					50	8									3	10		5
																		10
																		19
					50	6												17
					100	20												25
					40	5									3	6		10
					27										6	3		16
					63										12	8		20
	503	503	3018		395	49									31	38		127

(Cailles Rouges to Rivière au Bouleau.)

3					477	115										31		37
					44					6					32			8
3	414	414	1405		480	60			20					138	91			66
1					1070				34					65	7			35
1					813				33					47	30			12
					125				25					20				12
8	414	414	1405		3009	175			118					302	159			170

RETURN showing the Kinds, Qualities and Prices of Fish in the County of Saguenay &c.—

MINGAN SUB-DIVISION (River

NAME OF STATION.	Salmon, barrels, cured.	Salmon, fresh, in ice, lbs.	Salmon, in cauls, lbs.	Salmon, smoked, boxes.	Summer Fishing.	Fall Fishing.	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Smoked herring, boxes.	Mackerel, barrels.	Trout, barrels.	Sardines, barrels.	Eels, barrels.
					Cod, quintals.	Cod, quintals.									
Little River.....					100	100				4					
Sbaloop Creek.....					200	150				6					
Sheldrake.....	1				2500	200				4					
Primrose Cove.....					450	100				4					
Thunder River.....					1934	400				8					
Indian Harbour.....					1000	150				8					
Rich Point.....					1200	100				12					
Jupitagan River.....	5					50				2					
Magpie Cove.....					4300	1000				200					
Magpie River.....	18														
St. John's River.....	3	24021			4560	800									
Long Point.....					1500	400									
Mingan.....	30	450												4	
Romaine.....		120													
Esquimaux.....					2600	2400				1000					
Betchouan.....					200	1000				200					
La Corneille.....	12													4	
Piashter.....	9				25	30				21					
Watsheeshoo.....		1600													
Totals.....	78	26191			20509	6940				1469				8	

NATASHQUAN SUB-DIVISION

Nabissipi.....	24				397	110			1	14			3		
Agwanus.....	23				400	25				15			4		
Isle Michon.....					371	120			3	120			5		
Washtawooka.....					120	36				50			3		
Natashquan Harbour.....					5220					20					
Little Natashquan.....	28				2900	360				1000			20	10	
Natashquan River.....	153				390	90				70			10	6	
Totals.....	228				9798	741			5	1289			45	6 10	

WASHEECOOTAI SUB-DIVISION—

Kegashka River.....	35														
Kegashka Harbour.....					650				10						
Curlew Point.....	10				20										
Mistassini Bay.....					200				10						
Point à la Guerre.....					200				10						
Washeccootai.....	23				400				10						
Romaine.....	8				100				5					4	
Musquarro.....	2														
Totals.....	78				1570				45						

Division, extending from Manicouagan to Blancs Sablons, in the Province of Quebec,
Continued.

aux Bouleaux to Watsheeshoo).

Tunny, 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 Consump- tion, barrels.
	No. of Seals.	No. of Seal-skins.	No. of Whales.	No. of Porpoises.	Seal Oil, galls.	Whale Oil, galls.	Porpoise Oil, galls.	Cod Oil, galls.	Herring, barrels.	Capelin, barrels.	Smeit, barrels.	Cod Roes, barrels.	Squid, barrels.	Trout, barrels.	Launce, barrels.		
1								100		20					30		10
1								175		40					40		30
1								1400		50					80		20
2								300		20					20		10
1								1700		50					50		60
								600		20					25		10
								620		25					40		15
								25		6					12		6
4								3000		50					80		200
4																	
2								2700		50					100		200
								1000		40					50		40
6	5648	5648			56480		2500		100					100		1000	
																100	
																2	
																5	
																2	
21	5648	5648			56480		13620		471					627		1710	

(Watsheeshoo to English Point).

2							242	9	100					15	4	10
2							180	10	80					30	1	12
3							193	20	90					20	2	15
	150	150			300		55	30	43					15	1	10
							2000	100	1000					33	50	75
	1480	1480			7900		1800	100	800					40	360	100
5					18		168	10	70					11	2	60
12	1636	1636			8218		4638	279	2183					164	360	282

(English Point to Romaine.)

	100	100			300												3
							200		100						30		10
							10		10								3
							75		50								5
							75		50								5
							100		75								10
							40		30								3
	100	100			300		500		315						30		30

RETURN showing the Kinds, Quantities and Prices of Fish in the County of Saguenay, &c.—

ST. AUGUSTINE SUB-DIVISION—

NAME OF STATION.	Salmon, barrels, cured.	Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Salmon, smoked, boxes.	Summer	Fall	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Smoked Herring, boxes.	Mackerel, barrels.	Trout, barrels.	Sardines, barrels.	Eels, barrels.
					Fishing.	Fishing.									
					Cod, quintals.	Cod, quintals.									
Ooacochoo.....	2														
Manishouachi River.....	21														
Etamamu River.....	2														
Point du Mourier.....	1				25									2	
St. Mary's Islands.....	1½				25					25					
Netagamion.....	3				27					22					
Harrington Harbour.....	3				227					620					
Point à la Croix.....	3				10										
Little Meccatina.....	4				42					22					
Rigolet au Chat.....	2				74					60					
Gull Island.....	2				10										
Providence Island.....	2				30					28					
Isle au Chat.....	2				125					130					
Whale Head, West.....	22				135					56					
Sloop Harbour.....	2				303					246					
Mutton Bay.....	2				764					808					
Grand Meccatina.....	3				20					60					
Red Bay.....	7				22					40					
La Tabatière.....	3				45					310					
Lac Salé la Tabatière.....	4														
Grand Meccatina Island.....	2				10					60					
Fonderie de Fecteau.....	4														
Kikapoc.....	4									10				1	
Red Point.....	2													2	
Poacschoo.....	7½				10										
Little Rigolet.....	1													2	
Big Rigolet.....	1													1	
Grosse Isle, St. Augustine.....	2													1	
River Island do.....	3													4	
Lac Salé do.....	5													8	
Dog Island do.....	9													2	
Sandy Island do.....	4½				40					40				7	
St. Augustine River.....	2½													2	
St. Augustine Bay.....	1													8	
St. Augustine Harbour.....	2				40					30					
Pointe à Giroux.....	4														
Caucasippi.....	3½													13	
L'Anse au Portage.....	4½				15										
Oanso Harbour.....	2½				10										
Chicatica Harbour.....	3½				170					100					
Chicatica Island.....	3														
Totals.....	145				2179					2667				48	

RETURN showing the Kinds, Quantities and Prices of Fish in the County of Province of Quebec

BONNE ESPERANCE

NAME OF STATION.	Salmon, barrels, cured.	Salmon, fresh, in ice.	Salmon, in cans.	Salmon, smoked, boxes.	Summer Fishing.	Fall Fishing.	Haddock, quintals.	Ling quintals.	Halibut, barrels.	Herring, barrels.	Smoked Herring, boxes.	Mackerel, barrels.	Trout, barrels.	Sardines, barrels.	Eels, barrels.
					Cod, quintals.	Cod, quintals.									
Napitippi and Bull Cove.....	12				20										
Bay of Rocks.....	12				120					100					
Lydia's Cove and Pêche à Lizotte.....	12				40										
Dog Islands.....	2				50										
Old Fort Island.....	1				880										
St. Paul's River.....	20				20										
Burnt Island.....	1				600										
Waby Island.....					150										
Bonne Esperance.....	10				4400										
Pigeon Island.....	10				1200										
Stick Point.....	8				600										
Salmon Bay.....	8				9600										
Little Fishery.....	8				100										
Five Leagues.....	4				500										
Middle Bay.....					3000										
Belles-Amours.....					50										
Bradore.....					300										
L'anse des Dunes.....					200										
Long Point.....					100										
Totals.....	160				21930					100					
Taken in all the Harbours from Natashquan to Blancs Sablons, by 500 schooners, from Maritime Provinces and Newfoundland.....					30060										

ALL THE LABRADOR

Godbout.....	16	2568				13			26		61	17		
Trinity.....	11	4111			302	876		8	261		95	21		
Moisie.....	114	47256			2144	5067		72	597		715	5		
Mingan.....	78	26191			20509	6940			1469			8		
Natashquan.....	228				9798	741		5	1289		45	6	10	
Washeecootai.....	78				1570				45			4		
St. Augustine.....	145				2179				2667			48		
Bonne Esperance.....	108				21930				100					
500 schooners, at 60 cwt. each.....					30000									
Totals.....	675	80126			88432	13637		130	6409		914	109	10	

Saguenay Division, extending from Manicouagan to Blancs Sablons, in the &c.—Continued.

SUB-DIVISION (Chicatica to Blancs Sablons).

Tunny, barrels. Cod Tongues and Sounds, barrels.	Seals, Whals 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, galls.	Whale Oil, galls.	Porpoise Oil, galls.	Cod, Oil, galls.	Herring, barrels.	Capelin, barrels.	Smelt, barrels.	Cod Roes, barrels.	Squid, barrels.	Trout, barrels.			Launce, barrels.
20	20	10		80			10		100					50			10
10	10			40			10		150					80			7
20	20			80			20		100					50			4
100	100	1		600	200		25		50					30			4
20	20			80			440		800					250			40
20	20			80			10		40					40			5
							300		500					200			20
							75		80					40			8
							1575		1000					400			90
							500		700					300			30
							300		300					100			15
							4800		1500					1000			200
	25	25		200			50		50					50			5
	40	40		320			250		200					80			18
							1400		600					400			72
	10	10		50			25		40					10			5
	300	300		2100			150		100					75			20
	100	100		700			190		70					30			4
	309	300		2000			50		50					30			20
	965	965	1	6330	200		10090		6430					3215			586
							10000		10000					5000			1500

SUB-DIVISIONS.

	757	757	14	3942		500									4		29
	503	503		3018			395	49						31	38		127
8	414	414		1405			3009	175	118					302	159		170
21	5648	5648		56480			13620	471	471					627			1710
12	1636	1636		8218			4638	279	2183					161	360		282
	100	100		380			500		315						30		39
	3607	3607		26620			742	113	375								251
	965	965	1	6330	200		10090		6430					3215			586
							10000		10000					5000			1500
41	13630	13630	1 14	106313	200	500	42994	616	19892					9339	591		4694

RETURN showing Number and Value of Nets, &c., in
MAGDALEN

NAME OF PLACE.	Nets								
	Salmon Nets.			Cod Seines.			Herring Seines.		
	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.
<i>Amherst Island.</i>			\$			\$			\$
Pleasant Bay.....							3	600	600
The Basin.....									
The Moulin.....									
L'Anse à la Cabane.....							2	400	300
Etang du Cap.....									
Totals.....							5	1000	900
<i>Grindstone Island.</i>									
Etang du Nord.....							4	640	600
<i>Allright Island.</i>									
House Harbour.....							2	400	300
Anse à Elie.....									
Dune du Sud.....									
Totals.....							2	400	300
<i>Bryon Island</i>									
<i>Entry Island</i>									

TOTALS OF ALL

Amherst							5	1000	900
Grindstone.....							4	640	600
Allright							2	400	300
Bryon.....									
Entry									
Grand Totals.....							11	2040	1800

the Division of Magdalen Islands, for the Year 1883.

ISLANDS.

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.	Yards.	Value.	No.	Yards.	Value.	No.	Value.
		\$			\$			\$			\$			\$			\$		\$
50	2000	500	.....	.....	.....	150	6000	1500	2	180	170	.....	.....	.....	25	1500	250	.....	.....
47	1880	470	.....	.....	.....	120	4800	1200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	720	180	.....	.....	.....	72	2880	720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76	3040	760	.....	.....	.....	128	5100	1280	1	100	60	.....	.....	.....	.....	.....	.....	.....	.....
12	480	120	.....	.....	.....	22	880	220	1	90	70	.....	.....	.....	.....	.....	.....	.....	.....
203	8120	2030	.....	.....	.....	492	19660	4920	4	370	300	.....	.....	.....	25	1500	250	.....	.....
77	3080	775	.....	.....	.....	.....	.....	.....	5	300	250	.....	.....	.....	30	1200	300	.....	.....
8	320	80	.....	.....	.....	40	1200	450	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	160	40	.....	.....	.....	4	160	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	800	200	.....	.....	.....	20	800	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
32	1280	320	.....	.....	.....	64	2160	690	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	880	220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	33	1320	330	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

THE ISLANDS.

202	8120	2030	.....	.....	.....	492	19660	4920	4	370	300	.....	.....	.....	25	1500	250	.....	.....
77	3080	775	.....	.....	.....	.....	.....	.....	5	300	250	.....	.....	.....	30	1200	300	.....	.....
32	1280	320	.....	.....	.....	64	2160	690	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	880	220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	33	1320	330	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
334	13360	3345	.....	.....	.....	589	23140	5910	9	670	550	.....	.....	.....	55	2700	550	.....	.....

RETURN showing the Kind and Quantities of Fish in

MAGDALEN.

NAME OF STATION.	Summer Fishing.	Fall Fishing.	Haddock, quintals.	Herring, barrels.	Smoked Herring, boxes.	Mackerel, barrels.	Trout, barrels.	Sardines, barrels.	Eels, barrels.
	Cod, quintals.	Cod, quintals.							
<i>Amherst Island.</i>									
Pleasant Bay	1660	40	125	150	.....	238	.....	.....	.....
Le Bassin	1320	30	90	10	.....	180	.....	.....	.....
Le Moulin	490	22	40	12	.....	110	.....	.....	.....
L'Anse à la Cabane.....	1740	38	130	18	.....	190	.....	.....	.....
Etang du Cap.....	350	24	32	.....	.....	35	.....	.....	.....
Totals.....	5560	154	417	190	.....	773	.....	.....	.....
<i>Grindstone Island.</i>									
Etang du Nord.....	6930	300	400	25	.....	50	.....	.....	.....
Cap aux Meules.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	6930	300	400	25	.....	50	.....	.....	.....
<i>Allright Island.</i>									
House Harbour.....	5080	.....	.....	.....	.....	12	.....	.....	.....
Anse à Elle.....	50	.....	.....	.....	.....	15	.....	.....	.....
Dune du Sud.....	160	.....	.....	8	.....	100	.....	.....	.....
Totals.....	5290	.....	.....	8	.....	127	.....	.....	.....
<i>Grosse Isle and Grand Entry.</i>									
<i>Bryon Island.</i>									
Bryon Island.....	900	.....	.....	12	.....	100	.....	.....	.....
<i>Entry Island.</i>									
Entry Island.....	75	.....	5	15	.....	20	.....	.....	.....
TOTALS OF ALL THE									
Amherst Island.....	5560	154	417	190	.....	773	.....	.....	.....
Grindstone Island.....	6930	300	400	25	.....	59	.....	.....	.....
Allright Island.....	5290	.....	.....	8	.....	127	.....	.....	.....
Grosse Isle and Grand Entry.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bryon Island.....	900	.....	.....	12	.....	100	.....	.....	.....
Entry Island.....	75	.....	5	15	.....	20	.....	.....	.....
Grand Totals.....	18755	454	822	250	.....	1070	.....	.....	.....

the Division of Magdalen Islands for the Year 1883.

ISLANDS—Continued.

Tunny, 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, galls.	Cod Oil, galls.	Herring, barrels.	Capelin, barrels.	Smelt, barrels.	Clams, barrels.		
.....	900	900	.....	.....	2800	1000	200	.....	.....	25	34416	180
.....	700	120	.....	.....	20	.....	160
.....	270	75	.....	.....	16	.....	45
.....	950	120	.....	.....	35	10268	150
.....	200	20	.....	.....	16	.....	40
.....	900	900	.....	.....	2800	3120	535	.....	.....	112	44684	575
.....
.....	20	20	.....	.....	100	3850	500	.....	.....	470	114768	800
.....	28	28	.....	.....	140	.....	.....	.....	.....	.....	38120	125
.....	48	48	.....	.....	240	3850	500	.....	.....	470	147888	925
.....
.....	4500	4500	.....	.....	18000	2540	.....	500	.....	.....	49680	190
.....	25	20	.....	.....	.....	.....	22
.....	80	100	.....	.....	20	.....	45
.....	4500	4500	.....	.....	18000	2645	120	500	.....	20	49680	257
.....	208992	50
.....	450	50	.....	.....	90	19200	35
.....	40	50	.....	.....	.....	.....	25

MAGDALEN ISLANDS.

.....	.....	900	900	.....	.....	2800	3120	535	.....	.....	112	44684	575
.....	.....	48	48	.....	.....	240	3850	500	.....	.....	470	147888	925
.....	.....	4500	4500	.....	.....	18000	2645	120	500	.....	20	49680	257
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	208992	50
.....	.....	.....	.....	.....	.....	.....	450	50	.....	.....	90	19200	35
.....	.....	.....	.....	.....	.....	.....	40	50	.....	.....	.....	.....	25
.....	.....	5448	5448	.....	.....	21040	10105	1255	500	.....	692	470444	1867

RETURN showing Number and Value of Nets, &c.,

NAME OF PLACE.	Nets								
	Salmon Nets.			Cod Seines.			Herring Seines.		
	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.
Fox Bay	1	50	60						
Salmon River	4	200	200						
Mauzerolle River									
Cow Bay									
Tapp's Cove									
Capelin Bay									
Macdonald's Cove	1	50	50						
Indian Harbour									
English Bay									
Strawberry Cove									
Beccsie River	3	40	50						
Otter do	3	40	50						
Jupiter do	10	200	300						
Shallop Creek	4	100	100						
Dauphine River	3	75	100						
Ellis Bay									
Totals.....	29	755	910						

Division of Anticosti, for the Year 1883.

AND SEINES.

Herring Nets.			Mackerel Seines.			Mackerel Nets.			Capelin Seines.			Lanuce 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.
		\$			\$			\$			\$			\$			\$		\$
12	540	240	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	90	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	1260	560	.....	.....	.....	.....	.....	.....	2	140	75	.....	.....	.....	.....	.....	.....	.....	.....
18	810	360	.....	.....	.....	.....	.....	.....	2	140	75	.....	.....	.....	.....	.....	.....	.....	.....
22	990	440	.....	.....	.....	.....	.....	.....	2	140	75	.....	.....	.....	.....	.....	.....	.....	.....
16	720	320	.....	.....	.....	.....	.....	.....	2	140	75	.....	.....	.....	.....	.....	.....	.....	.....
68	3400	1360	.....	.....	.....	.....	.....	.....	4	260	120	.....	.....	.....	.....	.....	.....	.....	.....
51	2040	1020	.....	.....	.....	.....	.....	.....	3	200	100	.....	.....	.....	.....	.....	.....	.....	.....
60	3000	1200	.....	.....	.....	10	500	200	2	150	100	.....	.....	.....	.....	.....	.....	.....	.....
30	1500	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	50	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....
.....
.....
.....
2	100	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....
310	14500	5995	.....	.....	.....	10	500	200	17	1170	520	.....	.....	.....	.....	.....	.....	.....	.....

RETURN showing the Kinds and Quantities of Fish in the
ISLAND OF

NAME OF STATION.	Salmon, barrels, cured.	Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Salmon, smoked, boxes.	Summer Fishing.	Fall Fishing.												
					Cod, quintals.	Cod, quintals.	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Herring, smoked, boxes.	Mackerel, barrels.	Trout, barrels.	Sardines, barrels.	Eels, barrels.	Tunny, barrels.	Cod Tongues and Sounds, barrels.	
Fox Bay	1				400	50			5	1000								
Salmon River	4				50	20				20			3					
Manzerolle River					800					450								
Cow Bay					550					375								
Tapp's Cove					640					350								
Capelin Bay					400					800								
Macdonald's Cove	1				2,400					300								
Indian Harbour					2,000				16	850								
English Bay					1,000	300			30	50								
Strawberry Cove					990	100			10	50								
Becsie River													1					
Otter River													1					
Jupiter River	2												5					
Shallop Creek	5												2					
Dauphine River	6												2					
Totals for Anticosti...	20				9,150	470			61	4245			15					

Division of Anticosti, in the Province of Quebec, for the Year 1883.

ANTICOSTI.

Seals, Whales and Porpoises.				Oils.				Fish and Clams used as Bait and Manure.										
No. of Seals.	No. of Seal-skins.	No. of Whales.	No. of Porpoises.	Seal Oil, galls.	Whale Oil, galls.	Porpoise Oil, galls.	Cod Oil, galls.	Herring, barrels.	Capelin, barrels.	Smelt, barrels.	Cod Roes, barrels.	Squid, barrels.	Trout, barrels.	Lancee, barrels.	Clams, barrels.	Lobsters, in lb. cans.	Fish used for local consumption, barrels.	
.....	300	500	200	.....	.....	.....	.....	.....	.....	.....	20	
.....	30	50	25	.....	.....	.....	.....	.....	.....	.....	6	
.....	400	200	150	.....	.....	.....	.....	.....	.....	.....	20	
.....	340	200	120	.....	.....	.....	.....	.....	.....	.....	15	
.....	350	150	130	.....	.....	.....	.....	.....	.....	.....	10	
.....	250	100	100	.....	.....	.....	.....	.....	.....	.....	10	
.....	1,000	400	400	.....	.....	.....	.....	.....	.....	.....	30	
.....	1,200	400	400	.....	.....	.....	.....	.....	.....	.....	15	
.....	500	200	100	.....	.....	.....	.....	.....	.....	.....	100	
.....	300	150	50	.....	.....	.....	.....	.....	.....	.....	3	
30	30	.....	.....	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
15	15	.....	.....	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	
.....	
45	45	.....	.....	85	.....	.....	4,670	2,350	1,675	.....	.....	.....	.....	.....	.....	.....	333

RETURN showing Number and Value of Nets, &c., in the
TOTALS OF ALL.

NAME OF COUNTY.	Salmon Nets.			Cod Seines.			Herring Seines.		
	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.
			\$			\$			\$
County Gaspé, Mainland.....	110	23733	8308	1	200	200	.....	.....	.....
do Gaspé, Magdalen Islands.....	.....	.....	.....	.....	.....	.....	11	2040	1800
do Bonaventure.....	804	31903	19113	.....	.....	.....	3	300	150
do Saguenay, North Shore.....	350	33390	17931	26	5390	8700	30	6110	2450
do do Island of Anticosti.....	29	755	910	.....	.....	.....	.....	.....	.....
	1293	89781	46262	27	5590	8900	44	8450	4400

Gulf Division, Province of Quebec, for the Year 1883.

THE DIVISIONS.

NETS AND SEINES.

Herring Nets.			Mackerel Seines.			Mackerel Nets.			Capelin Seines.			Launce 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.
		\$			\$			\$			\$			\$			\$		\$
2536	98639	33962	...	.....	.....	76	3057	1083	107	5452	3442	22	938	1109	1	46	4	5	81
334	13360	3345	...	.....	.....	589	21140	5940	9	870	550	...	.....	.....	55	2700	550	...	.....
830	30190	8780	...	.....	.....	195	6397	2530	112	4360	2980	...	.....	.....	.....	.....	.....	11	110
481	19220	6194	4	720	402	14	827	235	70	7922	3946	53	2130	2566	107	22388	8915	4	215
310	14500	5895	...	.....	.....	10	500	200	17	1170	520	...	.....	.....	.....	.....	.....	...	.....
4491	175909	58276	4	720	402	884	31921	9988	315	19574	11438	75	3068	3675	163	25128	9469	20	406

RETURN showing the Kinds and Quantities of Fish in the
TOTALS OF ALL

NAME OF COUNTY.	Salmon, barrels, cured.	Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Salmon, smoked, boxes.	Summer Fishing.	Fall Fishing.	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Smoked Herring, boxes.	Mackerel, barrels.	Trout, barrels.	Sardines, barrels.	Eels, barrels.
	Cod, quintals.	Cod, quintals.													
County Gaspé, Mainland, do Magdalen Islands	36	104580	3633	1	69555	31814	150	67	54	6760	80	776	35	4	4
County Bonaventure do Saguenay, North Shore	675	80126			88432	13637			130	6409		914	109	10	
County Saguenay, Island fo Anticosti	20½				9150	470			61	4245			15		
Totals	731½	340142	3633	1	191327	53770	1312	207	245	35229	5030	3149	159	14	96

Gulf Division, Province of Quebec, for the Year 1883.

THE DIVISIONS.

Tunny, 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, galls.	Whale Oil, galls.	Porpoise Oil, galls.	Cod Oil, galls.	Herring, barrels.	Capelin, barrels.	Smelt, barrels.	Cod Roes, barrels.	Squid, barrels.	Trout, barrels.	Launce, barrels.			Clams, barrels.
205				4	36		4810	193	57872	21481	7608	679	69	2699	50	594	201	92000	6807
	5448	5418				21040			10105	1255	500						692	470444	1867
163									5990	15750	4632	77	10	190			482	43710	5295
41	13630	13630	1	14	106313	200	500	42994	616	19892						9339	591		4694
	45	45			85			4670	2350	1675									333
409	19123	19123	5	50	127438	5010	693	121631	41452	34307	756	79	2889	50	9933	1966	606154	18996	

RECAPITULATION of the Quantity and Value of the Gulf Fisheries for 1883.

Description.	Rate.	Quantity.	Value.
	\$ cts.		\$ cts.
Salmon, salted..... brls.	15 00	731½	10,972 50
do fresh, in ice..... lbs.	0 07	340,142	23,809 94
do canned..... "	0 15	3,633	544 95
do smoked..... boxes.	10 00	1	10 00
Cod, summer..... cwt.	4 00	191,327	765,308 00
do fall..... "	4 00	53,770	215,080 00
Haddock..... "	4 00	1,312	5,248 00
Ling..... "	4 00	207	828 00
Halibut..... brls.	6 00	245	1,470 00
Herring, salt..... "	4 00	35,229	140,916 00
do smoked..... boxes.	0 25	5,030	1,257 50
Mackerel..... brls.	8 00	3,149	25,192 00
Trout..... "	8 00	159	1,272 00
Sardines..... "	4 00	14	56 00
Eels..... "	8 00	96	768 00
Cod Tongues and Sounds..... "	9 00	409	3,681 00
Seal-skins..... No.	1 00	19,123	19,123 00
Porpoise skins..... "	3 00	50	150 00
Seal oil..... galls.	0 60	127,438	76,462 80
Whale oil..... "	0 50	5,010	2,505 00
Porpoise oil..... "	0 60	693	415 80
Cod oil..... "	0 60	121,631	72,978 60
Fish, bait and manure..... brls.	1 00	91,432	91,532 00
Lobsters, canned..... lbs.	0 15	606,154	90,923 00
Fish for local use..... brls.	4 00	18,996	75,984 00
Total value for 1883.....			\$1,626,388 09
" in 1882.....			1,560,764 59
Increased value in 1883.....			\$65,623 50

COMPARATIVE catches of the different Fisheries for 1882 and 1883.

Description.	1882.	1883.	Increase or Decrease.
Salmon, salt..... brls.	1,022	731½	Decrease 291½
do fresh, in ice..... lbs.	248,307	340,142	Increase 101,835
do canned..... do		3,633	do 3,633
do smoked..... boxes.		1	do 1
Cod, summer..... cwt.	233,523	191,327	do 11,574
do fall..... "		53,770	
Haddock..... "	759	1,312	do 553
Ling..... "	140	207	do 67
Halibut..... brls.	355	245	Decrease 110
Herring, salt..... "	33,000½	35,229	Increase 2,229
do smoked..... boxes.	3,078	5,030	do 1,952
Mackerel..... brls.	2,744	3,149	do 405
Trout..... "	298	159	Decrease 139
Sardines..... "	29	14	do 15
Eels..... "	38	96	Increase 58
Cod Tongues and Sounds..... "	185	409	do 224
Seal-skins..... No.	13,417	19,123	do 5,706
Porpoise skins..... "		50	do 50
Seal oil..... galls.	54,540	127,438	do 72,898
Whale oil..... "	7,880	5,010	Decrease 2,870
Porpoise oil..... "	177	693	Increase 516
Cod oil..... "	170,232	121,631	Decrease 48,601
Fish, bait and manure..... brls.	100,267	91,432	do 8,835
Lobsters, canned..... lbs.	722,958	606,154	do 116,804
Fish for local use..... brls.	18,185	18,996	Increase 811

No. 5.

SYNOPSIS OF FISHERY OFFICERS' REPORTS IN THE PROVINCE OF QUEBEC, EXCLUSIVE OF THE GULF DIVISION, FOR THE YEAR 1883.

SOUTH SHORE DIVISION, FROM POINT LÉVIS TO CAPE CHATTE.

Overseers.	{	F. C. CARON:— <i>Point Lévis to River Ouelle.</i>
		JULES GAUVREAU:— <i>River Ouelle to Isle Verte.</i>
		H. MARTIN:— <i>Isle Verte to Rimouski.</i>
		L. E. GRONDIN:— <i>Rimouski to River Blanche.</i>

The statements of this division, page 163, show an increase in the kinds of fish caught of \$65,977.89, as follows:—

Salmon, pieces	1,992
Herring, barrels	5,882
Sardines do	11,719
Small fish do	1,489

And a decrease in the following:

Shad, pieces	9,284
Eels do	17,376
Bar and Whitefish, doz	617

Overseer Caron reports that, although the yield during the current season is below that of 1882, it is still above the average of previous years. Salmon shows an increase of 50 per cent. Shad and eels were not quite so abundant.

Overseer Gauvreau also reports an increase in the catch of salmon. Herring were plentiful; large quantities being lost for want of hands and salt to cure them.

Overseer Martin reports an increase in all kinds of fish, herring and sardines especially.

Overseer Grondin reports a marked increase in salmon, but a falling off in small fish, which he ascribes to the heavy winds that prevailed during the whole season.

NORTH SHORE—FROM QUEBEC TO BERSIMIS.

The increased value of the fisheries in this division over last year is given at \$11,465.65, made up as follows:—

Salmon, pieces	403
Herring, barrels	514
Sardines do	82
Sturgeon do	77
Bar and Whitefish, doz	7,345
Pickrel and Pike, lbs	146,800

A decrease is noticed in the following:—

Shad, pieces	1,925
Eels do	12,486
Winnonish do	20,660

QUEBEC AND MONTMORENCY DIVISIONS.

L. P. HUOT, *Overseer.*

The following is a comparative statement of the Fisheries in this Division :--

Kinds of Fish.	1881.	1882.	1883.
Salmon..... No.	195	290	264
Shad..... "	4,050	4,500	2,575
Eels..... "	25,767	23,561	21,595
Sturgeon..... Brls.	31	29	207
Bar and Whitefish..... Doz.	1,293	1,747	1,904
Small fish..... Brls.	52	24	131
Value	\$5,108 00	\$5,572 85	\$6,454 25

Overseer Huot reports fishing as generally good, with a slight falling-off in salmon, shad and eels; this he attributes rather to the fact that fewer hands were engaged fishing and to local circumstances, than to any scarcity of fish. Sturgeon and smelt were in greater abundance than ever. Hook and line fishing for striped bass was good. The fishery laws were generally well observed.

MURRAY BAY DIVISION.

ULYSSE BÉREUR, *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.
Trout..... Lbs.	57,200	60,100	60,000
Eels..... No.	22,757	19,794	9,344
Salmon..... "	55	291	438
Sardines..... Brls.	178	123	159
Herring..... "	1	4	6
Sturgeon..... "	.....	16	100
Small and mixed fish..... "	42	72	84
Bar and Whitefish..... Doz.	.....	250	300
Fish for manure..... Brls.	876	953	2,429
Value	\$6,632 20	\$9,885 65	\$9,777 65

Overseer Béreur reports that, with the exception of eels, there was an increase in the yield of all kinds of fish in his division.

SAGUENAY DIVISION.

JOSEPH RADFORD, *Overseer.*JOSEPH BOILY, }
JACQUES GIRARD, } *Wardens.*

COMPARATIVE Statement of the Yield of Fisheries in this Division :—

Kinds of Fish.		1881.	1882.	1883.
Salmon.....	Pieces	584	969	1,251
Eels.....	"	600	470	400
Trout.....	Lbs.	250,000	247,100	250,800
Herring.....	Brls.	65	146	658
Sardines.....	"	12	62	108
Sturgeon.....	"	.....	1	.....
Small fish.....	"	328	432	10
Fish for manure.....	"	.....	.....	661
Value		\$16,953 00	\$18,111 50	\$20,789 75

Overseer Radford reports the year's catch as satisfactory, although the number of hands engaged fishing is decreasing, owing to their finding more remunerative employment elsewhere. An increase is noticeable in salmon and herring. Trout seems to be about stationary. The local guardians report a large number of breeding fish in the salmon pools.

LAKE ST. JOHN DIVISION.

JOB BILODEAU, }
CHAS. POTVIN, } *Wardens.*
R. MALTAIS, }

COMPARATIVE Statement of the Yield of Fisheries in this Division.

Kinds of Fish.		1881.	1882.	1883.
Trout.....	Lbs.	.....	.....	5,800
Winnonish.....	Pieces	36,600	42,160	21,500
Whitefish.....	Doz.	835	1,562	8,700
Mixed fish.....	Brls.	263	403	195
Pickerel.....	Lbs.	.....	.....	32,800
Pike.....	"	.....	.....	114,000
Value		\$10,719 75	\$13,298 50	\$23,516 00

Wardens Bilodeau, Potvin and Maltais report fishing as good. There is, however, a decrease in the catch of Winnonish as compared with 1882. Pickerel and Pike were abundant. Whitefish and trout were also plentiful in the River Quiatchouan and neighbouring lakes.

FROM QUEBEC TO THE UPPER OTTAWA.

RICHELIEU DIVISION.

PIERRE LATRAVERSE, } Overseers.
J. F. PIOTIN, }

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.	1881.	1882.	1883.
Shad..... Pieces	6,000	6,600	7,000
Eels..... "	14,600	15,800	26,800
Sturgeon..... Lbs.	20,000	22,000	16,800
Trout..... "	240	.....	100
Maskinonge..... "	1,500	2,100	4,300
Bass..... "	1,800	2,200	3,600
Pickereel..... "	2,600	2,600	32,500
Pike..... "	15,600	16,600	3,500
Whitefish..... "	1,200	.....	2,362
Mixed fish..... "	50,000	62,040	134,000
Value.....	\$5,249 20	\$5,962 80	\$10,315 00

VERCHERES DIVISION.

MATHIAS HURTEAU, *Overseer.*

The Yield of Fish in this Division is as follows :—

Shad.....	Pieces	6,060
Eels.....	"	58,650
Whitefish.....	Lbs	12,000
Sturgeon ..	"	4,758
Maskinonge ..	"	6,000
Bass ..	"	1,343
Pickereel ..	"	3,183
Pike ..	"	3,815
Mixed fish.....	"	159,250
Value		\$12,033 47

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.
Eels..... Pieces	42,550	26,300	27,500
Sturgeon..... Lbs.	800	2,300	1,400
Bass..... "	5,400	3,350	7,010
Pickrel..... "	5,100	4,760	5,160
Pike..... "	16,800	19,050	10,600
Mixed fish..... "	77,800	83,000	93,600
Maskinonge..... "			40
Value.....	\$7,321 00	\$6,006 30	\$6,208 80

CHATEAUGUAY AND BEAUHARNOIS DIVISIONS.

JOACHIM LABERGE,
WM. CLYDE,
JOHN KELLY, } Overseers.

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.	1881.	1882.	1883.
Eels..... Pieces	3,320	35,400	38,400
Sturgeon..... Lbs.	88,000	10,400	48,100
Maskinonge..... "	112,000	130,000	92,600
Bass..... "	106,000	115,000	124,500
Pickrel..... "	85,000	80,000	82,500
Pike..... "	85,000	150,000	168,500
Mixed fish..... "	120,000	240,000	298,600
Value.....	\$28,362 00	\$42,360 00	\$44,610 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.
No. of Shad..... Pieces	3,750	6,295	5,330
Pickrel..... Lbs.	38,200	29,800	24,600
Mixed fish..... "	21,400	13,800	34,200
Value.....	\$3,067 50	\$3,289 50	\$3,185 00

MAGOG DIVISION.

N. A. BEACH, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.	1882.	1882.
Trout..... Lbs.	10,000	12,000
Shad..... Pieces	6,000	.....
Bass..... Lbs.	100	150
Pickrel..... "	2,000	1,000
Mixed fish..... "	12,000	14,000
Value	\$1,800 00	\$1,332 00

SHERBROOKE, COMPTON AND MEGANTIC DIVISIONS.

W. C WILLIS,
J. B. McDONALD, } *Overseers.*
P. C. BOURKE,

Overseer Willis states that whitefish were caught in Brompton Lake. These are presumed to be from the fry deposited there some years ago. The run of salmon on the St. Francis River was good, considering the low state of the water. The fishery regulations were generally well observed, and although it was reported that, explosive materials were being used for the purpose of killing fish, no satisfactory evidence could be had of the fact.

Angling with hook and line is the only mode of fishing allowed in Overseer McDonald's Division. Lunge is on the increase. Several American anglers visited Lake Megantic during the summer, and enjoyed splendid sport.

ST. MAURICE AND THREE RIVERS DIVISIONS.

JOSEPH DESAULNIERS, } *Overseers.*
THOMAS DECOTEAU,

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.	1881.	1882.	1883.
Shad..... Pieces	16,000	40,000	25,000
Eels..... "	24,000	72,000	20,000
Tom Cod..... Brls.	6,890	3,500	4,000
Trout..... Lbs.	3,500	9,185	27,300
Sturgeon..... "	.....	20,000	150,000
Maskinonge..... "	1,200	3,720	13,300
Whitefish..... "	3,000	11,000	6,000
Bass..... "	5,000	3,000	4,000
Pickrel..... "	26,000	2,000	15,000
Pike..... "	18,000	26,000	63,000
Mixed fish..... "	84,000	902,000	1,054,000
Value.....	\$19,207 00	\$39,102 40	\$47,478 00

BERTHIER, JOLIETTE AND MONTCALM DIVISIONS.

S. A. GRANT,
J. L. MARTEL, } *Overseers.*
WILLIAM RITCHIE,

The Yield of Fish in this Division is reported as follows:—

Eels	Pieces	1,400
Trout.....	Lbs.	37,000
Whitefish.....	do	600
Maskinonge.....	do	1,160
Bass.....	do	800
Pickarel	do	5,583
Pike	do	6,315
Mixed fish.....	do	628,750
Value.....		\$16,642.19

MONTREAL DIVISION.

JOHN MORRIS, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fisheries in this Division.

Kinds of Fish.	1881.	1882.	1883.
Shad		3,000	3,000
Eels.....	13,600	16,600	17,000
Sturgeon		10,000	15,000
Maskinonge.....	3,500	21,000	23,000
Bass.....	14,000	14,000	14,000
Pickarel	21,200	21,200	24,000
Pike.....	18,600	18,600	19,000
Mixed fish.....	85,200	85,200	86,000
Value	\$6,316 00	\$9,590 00	\$10,300 00

TERREBONNE DIVISION.

JOSEPH LAUZON, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fisheries in this Division.

Kinds of Fish.	1881.	1882.	1883.
Shad			740
Eels.....	2,088	2,175	1,570
Trout.....	9,500	10,000	
Bass.....	7,000	5,450	5,980
Pickarel	8,200	5,180	3,840
Pike.....	12,400	3,940	4,490
Mixed fish.....	25,000	10,400	7,500
Value	\$3,000 80	\$2,272 91	\$1,391 10

LAKE OF TWO MOUNTAINS DIVISION.

THEOPHILE SABOURIN, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fisheries in this Division.

Kinds of Fish.	1881.	1882.	1883.
Eels.....Pieces	8,000	2,000	3,000
Shad....."		1,000	1,200
Maskinonge.....Lbs.	1,560	1,800	3,000
Sturgeon....."		2,000	
Bass....."	2,600	3,400	2,800
Pickrel....."	7,800	7,800	8,500
Pike....."	5,200	2,200	3,500
Mixed fish....."	29,000	15,000	25,000
Value.....	\$2,345 60	\$1,850 60	\$2,239 00

LOWER OTTAWA DIVISION.

ROBERT W. JONES, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fisheries in this Division.

Kinds of Fish.	1881.	1882.	1883.
Shad.....Pieces	300	275	1,100
Eels....."	2,000	1,900	2,500
Sturgeon.....Lbs.	8,000	7,800	15,000
Trout....."	400	900	1,000
Maskinonge....."	1,500	1,400	4,200
Whitefish....."	4,800	1,050	850
Bass....."	1,800	1,400	1,660
Pickrel....."	6,000	5,500	5,600
Pike....."	7,000	7,500	8,000
Mixed fish....."	30,000	28,060	35,000
Value.....	\$2,551 00	\$2,362 50	\$3,270 00

ARGENTEUIL DIVISION.

ALEXANDER BEATON, *Overseer.*

The catch of Fish in this Division is estimated as follows:—

Trout.....	Lbs.	4,000
Eels.....	Pieces	4,500
Whitefish.....	Lbs.	3,500
Mixed fish.....	do	10,000

Value..... \$1,250.00

UPPER OTTAWA AND GATINEAU LAKES DIVISION.

JOSEPH MARION,
 JAMES MOHR,
 J. T. COGHLAN, } *Overseers.*

COMPARATIVE Statement of the Yield and Value of Fisheries in this Division.

Kinds of Fish.	1881.	1882.	1883.
Trout..... Lbs.	154,000	116,500	115,200
Eels..... Pieces	4,000	6,000	7,100
Whitefish..... Lbs.	23,700	22,950	20,200
Sturgeon..... "	5,000	6,500	6,650
Maskinonge..... "	1,800	1,750	1,550
Bass..... "	12,950	13,050	12,000
Pickrel..... "	8,800	8,550	10,000
Pike..... "	51,400	50,500	50,100
Mixed fish..... "	25,000	27,500	30,000
Value.....	\$19,349 00	\$17,024 00	\$16,383 50

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, No.	Trout, lbs.	
	Salmon Nets.			Brush Fisheries, with Nets.		Brush Fisheries.		Eel Fisheries.			
	No.	Yards.	Value.	No.	Value.	No.	Value.	No.			Value.
		\$	\$		\$		\$		\$		
Pointe Lévis			5	1,800						162	
Beaumont			4	1,440						211	
St. Michel			3	1,420						110	
St. Valier			5	3,700						176	
Berthier			2	1,200				12	655	36	
St. Thomas					6	750		9	540		
Cap St. Ignace					11	770					
Anse à Gilles								4	220		
Isle aux Grues								12	1,500		
L'Islet								20	710		*6,000
St. Jean Port Joli								34	1,750		
St. Roch					8	460		23	890		
Ste. Anne					18	960					
Rivière Ouelle			1	200				57	4,070	150	
St. Denis			3	200				16	562	200	
Kamouraska					5	340		6	170	10	
do Isle aux Patins			1	225				1	25	40	
St. André					6	650		21	535	16	
Notre Dame du Portage					1	90		22	380		
			Herring Nets.								
Rivière du Loup	2,700	650			5	430		6	245	322	
Cacouna					14	1,480		4	100	930	
Isle Verte (Island)					18	1,455				240	
do (Mainland)					9	680				45	
			Herring Nets.								
Lake Témiscouata and Touladi River	30	150			2	40					1,200
Pointe à la Loupe					8	340					57
Islet à Damour											
Cap à L' Aigle											
St. Simon			6	131	1	40					465
Pointe au Pic											
Pointe à la Cive											
Islet au Flocon											
Baie Ha! Ha! and Anse au Poin	1	120	30	2	43	6	175				359
Anse au Bouleau											
Cap Enragé	1	200	200	1	40	3	170				323
Islet au Massacre											
Rivière Hâtée											
Islet à Canuel						9	435				50
Rivières Rimouski and Bic											
Rivière St. Fabien								8	71		
do St. Mathieu											

* These trout were caught in the inland waters of Overseer Caron's division.

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 1883.

KINDS OF FISH.											
Shad, No.	Herring, barrels.	Eels, No.	Sturgeon, barrels.	Sardines, barrels.	Bar and White Fish, doz.	Coarse and Small Fish, barrels.	Porpoise Skins.	Porpoise Oil, gallons.	Seals, No.	Seal Oil, gallons.	Fish for Manure, barrels.
5,000		3,350	13		445						
7,250		1,150	12		177						
3,500		5,200	15		350						
7,900		7,600	52		641						
650		5,880	4		287	70					
		4,300	420		603	96					
			436		507						
		3,850				50					
		28,050	100			474					
		11,850				281					
		19,887				420					
		19,350	3			295					
200		19,090	15		146	264	12	768			
12,000	800	65,573	4	35		60	8	652			20
9,900	40	12,600	5	150	10	30					100
900	210	2,600	18	1,410		20					1,110
4,500	100	550	75	1,210							2,000
3,900	430	7,950	35	3,010		55					2,280
600	15	5,900	4								20
15,700	3,110	2,950	25	504		105					280
46,300	3,110	1,250	173	1,860		238					1,420
9,020	7,650		92	3,835		225	17	1,386	13	311	740
3,450	1,355		69	920		95					160
	210										
2,080	970		3	440		28					476
430	50			10							50
505	625			100							285
340	535			42		14					185
680	4,220			305		12					3,109
		1,870									

RETURN OF FISHING STATIONS, Number and Value of Nets, together with the
St. Lawrence, from Point Lévis to Cape

NAMES OF PLACES.	KINDS OF NETS USED.								Salmon, No.	Trout, lbs.	
	Salmon Nets.		Brush Fisheries, with Nets.		Brush Fisheries.		Eel Fisheries.				
	No.	Yards.	No.	Value.	No.	Value.	No.	Value.			
			\$		\$		\$		\$		
Isle St. Barnabé						3	60			32	
Rimouski	1	75				8	130			305	
Ste. Luce	1	75		1	40	16	270			950	
Pointe aux Senelles.....						2	30			45	
Métis						4	80			61	
Petit Métis						2	40			27	
Les Boules						3	45				
Rivière Blanche.....						3	40			12	
Sta. Félicité.....						14	280				
Cherbourg						2	20				
Dalibaire	3	150	60							202	
Romieu						1	20				
Matane.....						15	275				
Totals	37	3,320	1,090	34	10,439	203	10,555	255	12,423	5,537	7,200

Yield, Value and Kinds of Fish, &c., on the South Shore of the River Chatte, during the Year 1883—Continued.

KINDS OF FISH.							Porpoise Skins.	Porpoise Oil, gallons.	Seals, No.	Seal Oil, gallons.	Fish for Manure, barrels.
Shad, No.	Herring, barrels.	Eels, No.	Sturgeon, barrels.	Sardines, barrels.	Bar and White Fish, doz.	Coarse and Small Fish, barrels.					
2,500	1,900			135							
1,400	2,035	300		71		50					
2,696				388							
	410			150							
	221			92							
	2,200			140							
	35			18							
	71			20							
	70		45	73		41					
						8					
						4					
				95		50					
140,501	30,372	241,100	1,559	15,013	3,146	2,968	37	2,806	13	311	12,206

	18	15	10	5	3	15	10	5	3	15	10	5	3	15	10	5	3	15	10	5	3				
<i>North Side Saguenay</i>																									
<i>South Side</i>																									
<i>St Fulgence</i>																									
<i>Rivière aux Canards</i>																									
<i>Tadoussac</i>																									
<i>Pointe rouge</i>																									
<i>Moulin Baudé</i>																									
<i>Pointe à la Carole</i>																									
<i>Anse aux Pilotes</i>																									
<i>Bergeronnes</i>																									
<i>Bon Desir</i>																									
<i>Islets Penchés</i>																									
<i>Little Escumains</i>																									
<i>Little Romaine</i>																									
<i>Bay of Bacon</i>																									
<i>Sault au Mouton</i>																									
<i>Mille Vaches</i>																									
<i>Portneuf</i>																									
<i>Point Boisvert</i>																									
<i>Sault au Cochon</i>																									
<i>Batture au Gabier</i>																									
<i>Salt Lake</i>																									
<i>Bersimis</i>																									
<i>From Rivière aux Canards to Bersimis</i>																									
<i>(Inland Waters)</i>																									
<i>Lake St. John Division.</i>																									
<i>Alma</i>																									
<i>Signal</i>																									
<i>Metabetchouan, East</i>																									
<i>do</i>																									
<i>do</i>																									
<i>Charlevoix</i>																									
<i>Roberval</i>																									
<i>Ontatchouan</i>																									
<i>Labarre and neighbouring Lakes</i>																									
<i>Inland Waters, County Charlevoix.</i>																									
<i>Grand Lake Nairne</i>																									
<i>Little do</i>																									
<i>Lake St. Hilarion</i>																									
<i>do Long</i>																									
<i>do Pieds des Monts</i>																									
Totals	266	17154	2445	1	20	146	2879	159	4003	1953	2575	664	31339	307	267	10901	32900	114000	316860	21500	30	3230			

Lake St. John Division.

Inland Waters, County Charlevoix.

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 1883.

NAMES OF DIVISIONS.	KINDS OF NETS USED.						KINDS OF FISH.										
	Gill Nets.		Seines.		Eel Fisheries.		Trot, lbs.	No. of Shad.	No. of Bels.	Sturgeon, lbs.	Whitefish, lbs.	Maskinonge, lbs.	Bass, lbs.	Pickarel, lbs.	Pike, lbs.	Coarse and Small Fish, lbs.	
	No.	Yards.	Value.	No.	Value.	No.											Value.
Richelieu Division.....	100	2500	150	100	2000	319	3190	100	7000	26800	16900	2362	4300	3600	32500	3500	134000
Verchères do.....	100	1295	400	52	1040	.....	.....	.....	6060	58650	4758	12000	6000	1343	3183	3815	159250
St. Chamly and Iberville Divisions.....	37	.....	76	16	351	1	40000	.....	.....	27500	1400	.....	40	7010	5160	10600	93600
St. Chateaugay and Beauharnois Divisions.....	600	.....	1806	23	690	30	600	.....	.....	38400	48100	.....	92600	121500	82500	188500	298600
Mississquoi Bay Division.....	22	2256	885	.....	.....	.....	.....	.....	5330	.....	.....	.....	.....	24600	.....	34200	.....
Magog do.....	.....	.....	.....	.....	.....	.....	.....	12000	.....	.....	.....	.....	.....	1000	.....	14900	.....
Sherbrooke, Compton and Mégantic Divisions.....	.....	.....	.....	.....	.....	.....	.....	5500	.....	.....	.....	.....	.....	500	.....	30500	.....
St. Maurice and Three Rivers Divisions.....	5	280	40	6	125	.....	.....	27300	25000	20000	150000	6000	1330	4000	15006	63000	1854000
Berthier, Joliette and Montcalm Divisions.....	45	300	100	.....	.....	.....	.....	37000	.....	1400	.....	600	1160	800	5583	6315	628750
Terrebonne Division.....	.....	.....	.....	.....	.....	11	55	.....	740	1570	.....	.....	.....	5980	3840	4480	7800
Montreal do.....	7	175	35	45	800	.....	.....	.....	3000	17000	15000	.....	23000	14000	24000	19000	86000
Lake of Two Mountains Division.....	20	500	6	.....	.....	.....	.....	.....	1200	3000	.....	.....	3000	2800	8500	3600	28000
Lower Ottawa Division.....	35	.....	280	.....	.....	.....	.....	1000	1150	2500	15030	850	4200	1600	5600	8000	35000
Argenteuil do.....	.....	.....	.....	.....	.....	.....	.....	4000	.....	460	.....	3500	.....	.....	.....	10000	.....
Upper Ottawa do.....	360	7100	3000	.....	.....	.....	.....	115200	.....	7100	6650	.....	1550	.....	10000	.....	30000
Gatineau Lakes do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20200	.....	12000	.....	60100	.....
Totals.....	1331	14108	6826	242	5006	361	43845	202100	49130	208430	257708	45512	149650	181783	235966	340820	3440400

RECAPITULATION.

YIELD and Value of the different Fisheries from Point Lévis to Cap Chatte in 1883.

Kinds of Fish.	Quantities.	Prices.		Value.	
		\$	cts.	\$	cts.
Shad.....	Pieces. 140,500		0 09	12,645	00
Herring.....	Brls. 30,372		5 00	151,860	00
Salmon.....	Pieces. 5,537		1 50	8,305	50
Eels.....	do 241,100		0 10	24,110	00
Bar and Whitefish.....	Doz. 3,146		1 25	3,932	50
Sturgeon.....	Brls. 1,559		5 00	7,795	00
Sardines.....	do 15,013		3 00	45,039	00
Trout.....	Lbs. 7,200		0 08	576	00
Mixed and small fish.....	Brls. 2,968		2 00	5,936	00
Porpoise Skins.....	No. 37		4 00	148	00
do Oil.....	Galls. 2,806		0 50	1,403	00
Seal Skins.....	No. 13		1 00	13	00
do Oil.....	Galls. 311		0 60	186	60
Fish used as manure.....	Brls. 12,206		0 25	3,051	50
Total Value of the Fisheries for 1883.....					265,001 10
do do 1882.....					199,023 21
Increase.....					65,977 89

COMPARATIVE Statement of the Quantity and Value of the different Fisheries from Point Lévis to Cap Chatte in 1882-83.

Kinds of Fish.	1882.		1883.	
	Quantities.	Value.	Quantities.	Value.
		\$ cts.		\$ cts.
Shad.....Pieces.	149,784	13,480 56	140,500	12,615 00
Salmon.....do	3,545	5,323 50	5,537	8,305 50
Eels.....do	258,476	25,847 60	241,100	24,110 00
Herring.....Bris.	24,490	122,450 00	30,372	151,860 00
Bar and Whitefish.....Doz.	3,763	4,704 30	3,146	3,932 50
Sturgeon.....Brls.	1,565	7,825 00	1,559	7,795 00
Sardines.....do	3,294	9,882 00	15,013	45,039 00
Mackerel.....do	50	500 00		
Trout.....Lbs.	6,000	430 00	7,200	576 00
Small fish.....Brls.	1,479	2,958 00	2,968	5,936 00
Porpoise Skins.....No.	42	168 00	37	148 00
Seal Skins.....do			13	18 00
do Oil.....Galls.			311	186 00
Porpoise Oil.....do	3,424	1,712 00	2,806	1,403 00
Fish as manure.....Brls.	14,769	3,692 25	12,206	3,051 50
		199,023 21		265,001 10

RECAPITULATION.

YIELD and Value of the different Fisheries from Quebec to Bersimis, in 1883.

Kinds of Fish.	Quantities.	Prices.		Value.	
		\$	cts.	\$	cts.
Salmon..... Pieces.	1,953	1	50	2,929	50
Shad..... do	2,575	0	09	231	75
Eels..... do	31,339	0	10	3,133	90
Herring..... Brls.	664	5	00	3,320	00
Sardines..... do	267	3	00	801	00
Sturgeon..... do	307	5	00	1,535	00
Bar and Whitefish..... Doz.	10,904	1	25	23,630	00
Winnonish..... Pieces.	21,500	0	25	5,375	00
Trout..... Lbs.	316,600	0	06	18,996	00
Pickrel..... do	32,800	0	06	1,968	00
Pike..... do	114,000	0	04	4,560	00
Mixed Fish..... Brls.	300	2	00	600	00
Fish for manure..... do	3,230	0	25	807	50
Total Value of Fisheries for 1883.....				67,887	65
do do 1882.....				66,422	00
Increase.....				11,465	65

COMPARATIVE Statement of the Quantity and Value of the different Fisheries from Quebec to Bersimis, in 1882 and 1883.

Kinds of Fish.	1882.		1883.	
	Quantities.	Value.	Quantities.	Value.
		\$ cts.		\$ cts.
Salmon..... Pieces.	1,550	2,325 00	1,953	2,929 00
Shad..... do	4,500	405 00	2,575	231 75
Herring..... Brls.	150	750 00	664	3,320 00
Sardines..... do	185	555 00	267	801 00
Sturgeon..... do	230	1,150 00	307	1,535 00
Eels..... Pieces.	43,825	4,382 50	31,339	3,133 90
Winnonish..... do	42,160	10,540 00	21,500	5,375 00
Trout..... do	359,000	21,540 00	316,600	18,996 00
Bar and Whitefish..... Doz.	3,559	4,448 75	10,904	23,630 00
Pickrel..... Lbs.			32,800	1,968 00
Pike..... do			114,000	4,560 00
Small and Mixed Fish..... Brls.	931	1,862 00	300	600 00
Fish used as manure..... do	933	238 25	3,230	807 50
Porpoises and Oil.....		8,225 50		
		56,422 00		67,887 65

RECAPITULATION.

YIELD and Value of the different Fisheries in the Districts from Quebec to Upper Ottawa, for the Year 1883.

Kinds of Fish.	Quantities.	Prices.		Value.
		\$	cts.	\$ cts.
Shad..... Pieces	49,430	0	10	4,943 00
Eels..... do	208,420	0	10	20,842 00
Sturgeon..... Lbs.	257,708	0	05	12,885 40
Trout..... do	202,100	0	08	16,168 00
Whitefish..... do	45,512	0	08	3,640 96
Maskinongé..... do	149,650	0	08	11,972 00
Bass..... do	181,783	0	08	14,542 64
Pickarel..... do	235,966	0	08	18,877 28
Pike..... do	340,820	0	05	17,041 00
Mixed Fish..... do	2,640,400	0	02	52,808 00
Tom Cod..... Brls.	4,000	1	50	6,000 00
Total Value of the Fisheries in 1883.....				179,720 28
do do 1882.....				160,306 01
Increase.....				19,414 27

COMPARATIVE STATEMENT of the Quantity and Value of the different Fisheries from Quebec to Upper Ottawa, for 1882 and 1883.

Kinds of Fish.	1882.		1883.	
	Quantities.	Value.	Quantities.	Value.
		\$ cts.		\$ cts.
Shad..... Pieces.	71,570	7,157 00	49,430	4,943 00
Eels..... do	202,575	20,257 50	208,420	20,842 00
Sturgeon..... Lbs.	93,080	4,654 00	257,708	12,885 40
Whitefish..... do	55,680	4,454 40	45,512	3,640 96
Tom Cod..... Brls.	3,500	5,250 00	4,000	6,000 00
Trout..... Lbs.	151,613	12,129 04	202,100	16,168 00
Maskinongé..... do	182,695	14,615 60	149,650	11,972 00
Bass..... do	163,154	13,052 32	181,783	14,542 64
Pickarel..... do	136,030	10,886 40	235,966	18,877 28
Pike..... do	305,115	15,255 75	340,820	17,041 00
Mixed Fish..... do	2,629,700	52,594 00	2,640,400	52,808 00
		160,306 01		179,720 28

GENERAL RECAPITULATION.

YIELD and Value of the Fisheries in the whole Province of Quebec for 1883.

Kinds of Fish.	Quantity.	Value.
		\$ cts.
Salmon, salted.....	Brls. 731½	10,972 50
do fresh, in ice.....	Lbs. 340,142	23,809 94
do canned.....	do 3,633	644 95
do fresh.....	Pieces. 7,490	11,235 00
do smoked.....	Boxes. 1	10 00
Cod, summer.....	Cwt. 191,327	765,308 00
do fall.....	do 53,770	215,080 00
Haddock.....	do 1,312	5,248 00
Ling.....	do 207	828 00
Halibut.....	Brls. 245	1,470 00
Herring, pickled.....	do 66,265	296,096 00
do smoked.....	Boxes. 5,030	1,257 50
Shad.....	Pieces. 192,505	17,819 75
Eels.....	do 480,859	48,085 90
do pickled.....	Brls. 96	768 00
Mackerel.....	do 3,149	25,192 00
Sardines.....	do 15,294	45,896 00
Sturgeon.....	do 1,866	9,330 00
do.....	Lbs. 257,708	12,885 49
Trout.....	do 525,900	35,740 00
do pickled.....	Brls. 159	1,272 00
Winnonish.....	Pieces. 21,500	5,375 00
Bar and Whitefish.....	Doz. 14,050	27,562 50
Whitefish.....	Lbs. 45,512	3,640 96
Maskinonge.....	do 149,650	11,972 00
Bass.....	do 181,783	14,542 64
Pickrel.....	do 268,766	20,845 28
Pike.....	do 454,820	21,601 00
Tom Cod.....	Brls. 4,000	6,000 09
Cod Tongues and Sounds.....	do 409	3,681 00
Lobsters.....	Cans. 606,184	90,923 00
Mixed and small Fish.....	Brls. 16,470	59,344 00
Seal Skins.....	No. 19,136	19,136 00
Porpoise Skins.....	do 87	298 00
Seal Oil.....	Galls. 127,749	76,649 40
Whale Oil.....	do 5,010	2,505 00
Cod Oil.....	do 121,631	72,978 60
Porpoise.....	do 3,499	1,818 80
Bait and Manure.....	Brls. 106,868	95,291 00
Local consumption.....	do 18,996	75,984 00
		2,138,997 12

No. 6.

PRINCE EDWARD ISLAND.

REPORT OF J. HUNTER DUVAR, Esq., INSPECTOR OF FISHERIES FOR
THE PROVINCE OF PRINCE EDWARD ISLAND, FOR THE YEAR 1883.

ALBERTON, 31st December, 1883.

The Hon. A. W. McLELAN,
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honor to transmit tabular statement of the Fishery Products of the Province of Prince Edward Island for the year 1883, together with accompanying Report.

GENERAL REMARKS.

The money value of the fisheries of Prince Edward Island for the present year, 1883, shows a deficit of \$595,349.32 on the value of the preceding year, the figures being—total value for 1883, \$1,260,337.93, and for 1882, \$1,855,687.25. This deficiency is chargeable to the item of lobsters alone. The quantity of lobsters canned in 1882 was 5,198,720 cans, and in 1883 only 3,844,573 cans. The numerical shortcoming would not account for so large a deficit in cash value, but last year prices were undecided, though low, and in the returns, cans were officially estimated at 20 cents each. This year it was deemed better to give the actual price which goods now bring in the wholesale market, namely, 12 cents per can. The difference in computation would reduce the actual discrepancy to about \$329,200, the actual fall-off in the number of lobsters being 1,354,147. This short catch has been owing more to scarcity of fish than severity of weather. Not a few factories closed for want of material before the time of extension had expired. From various causes, over a dozen factories did not operate this year. As nearly as can be ascertained from partial data, the size of the lobsters varied from 4.05, the highest, to five lobsters per can, the lowest. At this estimate a gross number of not less than 17,000,000 of lobsters were slaughtered during the season.

If lobsters were scarce, herring of good quality were in unusual abundance all spring all along the coast. With a sufficient supply of salt, any quantity might have been preserved. This seasonable supply saved much of the purchase of bait outside of the Island, and had a favourable effect on the cod and hake fisheries. Eighty thousand fathoms of nets were employed in the herring fishery. Of the total quantity of 45,440 barrels landed, 33,159 were for bait and only 5,349 for food. A portion of this food product was exported to the United States. Mr. J. Myrick, Tignish, Prince County, put up, as an experiment, the importance of which is great, 7,963 cans of spring herring, in the same manner as preserved mackerel, but the market for which destined has not transpired.

As is usual when herring are abundant, cod and hake were also plentiful. The increased catch of cod was about double, or 12,290 hundred weight surplus. Hake much the same as last year, the total figures being, for 1882:—Of cod 13,942 cwt.; hake, 9,615 cwt.; and for 1883, of cod 26,252 cwt.; hake, 9,063 cwt. A large number of Nova Scotia and New Brunswick boats were fishing close inshore all the season, whose large takes ought to be added to the product of Prince Edward Island waters. All were taken by set and hand lines, cod gill nets having been altogether abandoned. Separate and distinct from working dories, 4,856 men have been engaged in the deep-sea fisheries, namely, herring, cod, hake, haddock and mackerel, and have taken 16,630,400 pounds weight of sea fish for food, apart from bait. This quantity divided equally would give 3,424 pounds weights of sea food fish per man or 3,940 pounds per man, including herring used as bait, and would entitle all hands to the fishing bounty, provided that the conditions of three months fishing have been complied with, but on which the fishery officers have no check. I fear it will be found that a comparatively limited number of bounty applicants can fairly claim to be fishermen wholly employed in continuous sea-fishing for three months. The average value taken, by the above number of men, if marketed at current rates by the fishermen themselves instead of passing through intermediate hands, would be about \$135 per man. Oil and sounds show proportionately less than might have been expected.

Contrary to expectation, this year's catch of mackerel did not exceed that of the year preceding; the total take of barrelled mackerel being 28,170 barrels and 351,933 cans, as against 31,293 barrels and 430,819 cans in 1882. The fish were, generally, of good quality. For the greater part of the season over fifty American vessels were off the coast and are reported to have all done well.

Oyster fishing has been fairly active. As the catch passes through various hands before reaching a point of shipment, difficulty has hitherto been found in allotting the various quantities to their due location, so that the same parcels may not appear twice in the returns. The present returns are very close on the mark at 36,180 barrels. Suggestions are offered in another part of this Report for needed regulation of the industry.

Angling streams show nearly double the product of the preceding year. Minor fisheries call for no remark.

Various topics of interest are treated of in the body of this Report. The statistics made public by the conferences at the London Great International Fisheries Exhibition offer much material for thought, and show that fishing in this part of Canadian waters is yet in its infancy. I have referred to some of these facts under their appropriate headings.

HERRING.

Spring opened early. The Straits were clear enough for navigation on the 22nd of April, after which date the mail steamers ran regularly. Weather remained fine until 15th May, when three inches of snow fell, but disappeared in a day or two. On the whole, the season might be called a fortnight to three weeks earlier than usual.

Partly owing to the early settled weather, spring herring fishing has been unusually successful this year. Warden Nelligan, whose district covers the North Cape and north horn of the Island, Prince County, reports twice as many herring caught in that locality as appear in the returns, boats coming and taking them away coastwise and abroad. Advices throughout June reported the "schools" never more plentiful, except off the north of Queen's County where fish of all kinds were stated to be scarce. In other places the scarcity of barrels and salt prevented a greater catch being sought. At Tignish, Prince County, the fishing establishments did a large business, and what has been unusual of late years, shipped a considerable quantity to Boston, both in barrels and bulk. A quantity of about 8,000 tins was canned as an experiment, which it is hoped may be successful as the beginning of a new industry. The herring caught this spring are said to have been equal in quality

to the midsummer catch of former seasons, and those shipped to the United States met with a ready sale at fair prices. A Souris correspondent reports the fish taken there as large and fat. Herring first appeared at the eastward on 17th April and in a few days spread to all the waters. As early as 13th June, one railroad train from Tignish to Summerside conveyed nine carloads of herring for trans-shipment to Boston steamer. A large take of herring is of importance to the lobster and mackerel fisheries. In ordinary years home-caught bait is usually scant. This year herring completely superseded alewives for that purpose. Notwithstanding the large herring take, some schooner loads were brought as bait from Anticosti, it being understood that the take along Cape Breton and the Magdalen Islands was a failure. Of the total return of 45,440 barrels, as before stated, the large proportion of 33,159 barrels was used for bait for other fish, and therefore, did not come upon the market. About 120 boxes were smoked at Tryon and Cascumpeque.

The following is a statement of the total herring catch for the past three years

	1881.	1882.	1883.
Prince County, barrels.....	9,830	12,971	22,512
Queen's " "	10,095	9,967	7,465
King's " "	4,520	8,607	15,463
Total.....	<u>24,445</u>	<u>31,545</u>	<u>45,438</u>

The subject of drift nets, as used off the British coasts, instead of fixed nets, as here, is worthy the attention of those who desire to do a large business in the capture of herring. The Dutch take annually over 250,000,000, principally by drift nets, the Scotch three times as many; Prince Edward Island, although equally well situated, not one-tenth part as many as Holland, or only about 27,000,000.

Alewives or gasperaux have been a complete failure. These migratory fish are no longer sought in any quantity for food, and a productive herring year, such as the present, supercedes the necessity of their being taken for bait. Of the total catch of 659 barrels, only 178 barrels are given as food. The fish were observed in sufficient quantity in Vernon River, Queen's and other places, but were suffered to go unmolested. In numerous creeks, with fluvial waters, they might be taken, but the fishing is confined to a few localities. At the principal stations, as Grand Lake, Cousin's Pond and others, the fishing has been short, without apparent cause. At Blooming Ponds, Tracadie, the silting up of the channel-way across the beach has limited the take. With the quantity diminishing year by year, it may deserve consideration whether it is necessary to continue the expense of extra watchmen for this perishing fishery, or whether it may not drop out of the record of Island products.

MACKEREL.

It was generally believed that the catch of mackerel would be large, but contrary to expectation, a deficiency is shown, as compared with last year. This was not owing to scarcity of fish, for the Gulf swarmed with them. Complaints that the fish would not bite were unusually loud, some attributing the fact to the heat and transparency of the water, others to other causes. Be the reason what it may, the figures this year show a deficiency, under preceding year, of 3,128 barrels pickled, and 78,886 cans tinned. Prince and King's Counties both show a surplus over previous year, the discrepancy being wholly in Queen's County, and not confined to one locality, but short all along the coast, although most so at Rustico and vicinity. The fish came in and went out about the usual time. Warden DeLaney, New London, attributes the short catch to the fish not taking the hook in the early part of the season, and high winds later. A similar report is made from St. Peters. At North Lake not so many were seen as last year. Till far on in August they were reported everywhere scarce on the north of Queen's, but abundant in the waters of Prince and

King's Counties. On the whole, in the counties last named, the fishermen did well. The fish were generally of medium size, of good quality, and with some exceptionally fine specimens. Samples from Rustico were sold fresh in Charlottetown market, that weighed eight pounds per half dozen when cleaned. This year the best catches were made in September. For the sake of comparison, is appended statement of the mackerel catch of the respective counties for the present year, and for 1881-82 :

	1881.	1882.	1883.
Prince County, barrels.....	8,969	6,630	8,843
Queen's " "	16,466	17,350	8,544
King's " "	10,648	7,313	10,783
	<u>36,083</u>	<u>31,293</u>	<u>28,170</u>
Prince County, cans.....	46,420	186,639	219,040
Queen's " "	14,000	34,600	106,893
King's " "	168,533	209,580	26,000
	<u>228,953</u>	<u>430,819</u>	<u>351,933</u>

The deficiency in canning being wholly in King's County, and attributable mainly to the transfer to Cape Breton of the fishing interests of a large firm.

Last year only one American vessel was reported in the Gulf. This year, what seemed a considerable fleet, as seen from the shore, came into our waters about the end of July. The number is said to have been thirty-two Gloucester vessels and twenty from Maine, with 700 men. As early as 20th July, eight United States fishing vessels had been reported at Tignish, with about 200 barrels each of twelve to fourteen inch mackerel, equal to good No. 2, and in a fortnight thereafter three returned home with full fares. On the 1st of August nine seiners with fifteen seine boats were off Malpeque, and had good seining, although the fish would not bite to hand lines. On the 16th of September, a fleet of sixteen sail that had put into Souris for shelter, reported a good prospect, they having then on board an average of 250 barrels each. Schooner "Edwin Webster," at Souris, 25th of September, had 600 barrels, and had to trip seine and let 100 go, on the north of the Island; also schooner "Elsie M. Smith" carried 600 barrels home on her first cruise, and took 200 barrels in the first week of her second voyage. One of the sixteen above-mentioned landed her cargo at Souris, and sent it forward by rail, being the first time the railway from Souris has been used for that purpose. Two other vessels were reported to have passed homewards, from thence, with full fares. Twelve seiners were at Georgetown about the same date, with an average of 250 barrels. By the end of September, not above half the fleet remained in the Gulf, the remainder having gone home full. Several made more than one trip. Allowing to each only the moderate estimate of 600 barrels, these fifty-two foreigners took with the seine and carried away as many barrels of mackerel as the whole native mackerel catch of the Province, in value between \$300,000 and \$400,000.

These facts and figures should awaken our master fishermen to the certainty that they cannot compete with the Americans, unless by adopting the Americans' improved methods of fishing. The fact is, that the mere dangling of a line and hook, as done by the most barbarous fishers from the earliest ages, is behind the time in the piscatorial art. The sooner this fact is recognized, the sooner will the sea-fisheries of the Dominion attain their full development. The harvest of the sea is not exhausted, but it is badly reaped.

At the very time that the Committee of the International Fisheries Exhibition is about to induce an American fishing vessel to visit British waters, for the purpose of teaching British fishermen the art of seining, continued complaints are made to me by a certain class of line fishers against seining, on the plea that the use of the

seine scares mackerel from the hook. These complaints have been painstakingly enquired into all along the coast, but the result of such enquiry has not borne out the matter of complaint. Only thirteen seines, total 1,855 fathoms, are owned, or in use in this Province, and these, being operated from shore boats, could do the only injury to line fishers close in shore. It is true some Americans seined successfully this season within sight of land, but as a general rule they prefer searoom and usually find their schools beyond the shallow waters of the hook-and-liners. Similiar complaint is made against set lines (trawls), but mackerel at most times feed higher than the bottom, and, as a matter of fact, very few mackerel indeed are taken on trawl lines. Lobster traps are likewise complained of as supplying food, but mackerel do not eat the putrid bait that lobsters prefer. Yet farther, objections were laid against the two fish-traps on the north of Prince County, but I have already investigated the matter and reported favourably to the Department; and it is probable license will be sought for two others this coming season. No action appears necessary on any of these subject-matters of complaint, for it can scarcely be expected that the appliances of all other branches of fishing industry should be subordinated to the interests of the primitive hook and line.

For my own part, I believe—as the the result of four years close observation—that the general adoption of seining would not only develop the Island fisheries to an immense extent, but would benefit the individual fishermen. It would teach them the value of combination—in its best sense—would necessitate, and consequently would produce larger and better equipped boats, and (although it may be invidious to say so), would render the individual fishermen less dependent on the owners of stages. All this is within reach by co-operation.

It was hoped to see, among the publications of the Fisheries Exhibition Committee an account of the co-operative ownership of boats and appliances in use on the British coasts, and especially on the coast of Scotland. It could not be difficult to frame a company of practical working fishermen who would, themselves, be at once owners and crew of boat or schooner, like the American, using seines and the best appliance that the latest experience indicates. Some few local persons say they are about to procure seines the coming season, but the movement should be much more extended. Little progress can be looked for while the large majority cling to the old methods. There is no hardship to others in this advance of the few, for in fishing, as in other industrial occupations, they who do not keep abreast of the times must be left behind. Seining must eventually be the recognized practice for the main mackerel fishing, until some better method be discovered. There always remains the hook and line in reserve. Moreover, the general adoption of seining would, of necessity, alter for the better most other features of all the fisheries. Mere seine boats, as now attached to larger vessels, and merely picking up stray schools within the three-mile Canadian limit, will be found quite inefficient. Schooners of some burden would take the place of shore boats, and would scatter themselves over the Gulf, as do the Americans, but with this advantage over foreigners, that our vessels could run their cargoes more quickly home. The absence of ship harbours on some parts of the coast might tend to centralize the business at given points, thereby building up maritime stations or towns. It would also tend more distinctly to separate the occupations of fishing and agriculture to the manifest advantage of both. A purely maritime population would be created. With greatly enlarged fisheries there must arise increased ocean navigation, for which a class of men accustomed to the sea would have been trained, and the fishermen of summer would be the sailors of winter commerce. An impetus would be given to ship and boat building with all its dependent trades. There is yet timber on the Island for the purpose. The principle of joint-stock association in other matters than fishing would be developed. A better claim would be established on Government aid for the improvement of lights and harbours. Many thousands of barrels of herring now wasted as bait would become marketable as food. In short, a departure from the present timid and peddling manner of skimming the waters would introduce a new era of prosperity and give our valuable fisheries a fair show for development. It may be added, in passing, that

a close lobster season in July and August compelling factories, in self-defence, to can other fish or shut down, would necessarily require the aid of seining, inasmuch as factories with their furnaces lit and hands on wages could not afford to depend on the precarious catch of liners to keep them going. I do not think these views of the advantages to be gained by the general adoption of seining are too much *couleur de rose*.

COD AND HAKE.

The arrival of cod was earlier than usual. The first catch in considerable quantity, large and of good quality, was taken off East Point, King's, on 24th May, none having been taken in the preceding year previous to the 2nd June. The supply continued fairly abundant throughout the season. The length of trawls, or set lines, in use in this fishery, may be estimated at 90,000 fathoms, two hooks to a fathom, and the number of fish taken, at an average of three and a-half pounds dry weight, to over 1,000,000 fish. The good herring fishing supplied plenty of bait. A good many fishermen left off cod fishing, tempted by what promised better prices for mackerel. A considerable fleet of Nova Scotia and New Brunswick fishing boats, counting at least one hundred and fifty sail, was off the coast, mostly near the North Cape, the greater part of the season, and must have carried away considerable quantities, both of cod and hake. On one occasion over a hundred such boats that had been fishing along coast ran into Cascumpeque Harbour for shelter, during the heavy gale in August. Counting four men to each boat, each man taking the quantity required to entitle him to the fishing bounty, not less than 10,000 hundredweight additional should be credited to the Island waters, but nothing of which appears in the Island returns, excepting a few hundredweight of dried sounds that were traded on shore. A good many of the vessels were of about twenty-five tons, and were reported to have an average catch of 150 quintals each, which would largely increase the above estimate. Hake were plenty on the hake grounds. The catch in some of the Warden's Returns is included in the count of cod. At Souris, both cod and hake are packed as boneless fish, and from the favourable notice this viand met with at the London Exhibition, will doubtless meet with an extended demand. Haddock show nearly double over preceding year.

Gill nets for cod and hake have not answered. Whatever the reason, whether the water is too clear or phosphorescent, or too shallow, or the mesh too large or small, or the nets badly set, they have been abandoned here. The following shows the returns of dried fish, including hake, in the past three years. It takes two and three-quarter pounds of wet cod to produce one pound of dry :—

In 1881.....	24,957 cwt.
In 1882	23,557 cwt.
In 1883.....	35,315 cwt.

LOBSTERS.

The lobster fishing season showed some peculiarities. Factories generally got to work early. At first the supply of lobsters was poor, but improved for some weeks, especially along the south and west coast. On the north, the prevalence of high winds did damage throughout May and June. Excessive heat in the first part of July was detrimental everywhere. By early August it was found that the supply on the north would be short, and along the whole eastern coast a partial failure. By the usual time of closing, the lobster again began to be better in quality and number, but a good many factories, north and east, had already closed for lack of material, so that the brief extension of fishing time was of little practical value. Factories south and west preserved about an average. About one-third deficit on the total catch, under the previous year, shows 1,354,147 cans short, but prices have risen fully \$1 per case, making the wholesale figure quite 12 cents per can. The stock was put early on

the market, 2,689,436 cans having been exported to the mainland up to the 15th November, and doubtless the whole year's product since. Three factories were destroyed by fire, and over a dozen, for prudential and other reasons, did not open at all. Eighty-eight were in operation. The canning of meats is extending largely, and will in future be an important element in helping the lobster factories to pay. Sheep and cattle are abundant in Prince Edward Island and can be bought at lower prices than in most other places of the Dominion.

Notwithstanding that an excessive destruction of fish cannot but be hurtful in the extreme, the poor fishing this year cannot be attributed wholly to over-fishing in the previous year. One of the principal Island packers, who has established factories in Cape Breton at localities where no fishing had previously been done, thus writes under date of 14th August:

"The catch of lobsters at my two factories, one here and the other at Chelicamp, forty miles distant, has not been one-half what it should have been according to other years. At Port Hood they had a large number of boats, thirty-five engaged, and though the factory did fairly, the number of lobsters taken by each boat was no better than here, at Mabou. It cannot be on account of over-fishing. The lobsters on this coast have been both small and scarce this season. The factories closed down about the 20th of July, as it did not pay to run them. I do not think it would do any good to extend the season. It might be a benefit to some where lobsters are taken late, but to the packers as a whole, it would, I think, be an injury. The price must advance at least 25 per cent. when the true state of matters is known on the other side, and next year the business, I have no doubt, will be profitable to those who are in it. As things have been for the last three or four years packers, could nothing better than come to grief. The business will be more healthy in the future."

In view of a supposed intention to reorganise the lobster fishery, I beg to refer to its condition in this Province:—

Three years since, the industry rose at a bound into large proportions, much of it on insufficient capital and not on a sound basis. The small operators thus circumstanced, had to force quantity more than quality, glad if they could make both ends meet, and with but little chance of reducing their original liability. From this unwholesome state of affairs it arose, that inferior goods were pushed on the market, giving to all Island brands a second class name, and reducing prices below a fair paying point. This state of things could not endure. A certain local financial catastrophe accelerated matters, effecting what would otherwise have been a matter of time, by wiping out some of the least stable of the establishments, and causing others to look better to their basis. The interests of the different classes of packers have been at no time identical. Some find it a hand-to-mouth business that may be abandoned at any time without crushing loss, and look to make only the most of it in the present. Others, on a larger scale, with capital invested, plan to make the industry permanent, and mostly have their business so well in hand, that they can adjust it to any change not too sweeping. The former class of small operators will sooner or later go; the larger remain. Both parties have tried the industry long enough to know what their prospects are. Hence if any change of regulations must be made, now is an appropriate time when it might be accomplished with the least disturbance of vested or other claims. Prior to the close of last fishing season, I took measures to learn the opinion of the leading packers as to extensions of the fishing terms. There not having been time to send circulars to all, a certain number were selected as representative firms. Their opinions were equally divided for and against. On formulating their replies, it was evident that their views were formed by locality and other personal circumstances that no one general regulation could cover.

Any reorganisation of the lobster industry will, without doubt, be based on a nominally better close season, namely, an intermediate recess during the actual time of spawning, a shorter fishing term to check over-fishing, and an increased legal gauge or measurement below which lobsters cannot be taken. It is believed it has been advocated that fishing, for the purpose of canning, should commence the end of

May and terminate in the middle of October, with a recess from 15th July to 31st August.

The Prince Edward Island packers have been mostly in favour of a fishing time from about 20th May to 20th September, thus doing away with the necessity of annual extensions. That this is not a unanimous opinion may be gathered from the following letter of date 21st August, from a gentleman largely interested :

“ I am not at all surprised that one-half of those to whom you applied for their opinions as to the desirability of extending the open season after 20th instant, should be adverse to any extension. If I consulted my own interest, I should say, no; because the extension is of no use to me. As I remarked to you, the factories between Cape Bear and the North Cape, passing east, have all closed. This includes my factory, and it would probably have some small influence on prices if all were closed, but factories on the south side between Cape Bear and the West Point can work at times up to the 1st November if allowed, as they are very much sheltered from the north-easterly storms which destroy the traps on the other side. Practically, we don't pay expenses at Murray Harbour after 20th July. Lobsters up to that date, and up to 20th August, are scarce, soft-shelled and empty, but, if the Department and weather permitted, some business might be done, as you are aware that lobsters are in primo condition from, say, 1st September to the close of the navigation. I have never doubted that our waters would be fished out by the wholesale capture of lobsters, and this industry will very soon assume small dimensions, as at present low prices in Europe and the small size of the lobsters, no money is to be made by the business, even in large establishments. Still, for some years it will be in the interest of those running fishing establishments to make this a branch of the business, as prices will go up as soon as the supply is diminished. My conviction is that the open season should be from the 1st of May, or the opening of the navigation to the 20th of July; that there should be a close month from 20th July to 20th August, with heavy penalties for any infringement of regulations; and that the rest of the season to the close of the navigation should be open to those who choose to continue. Of course, I only speak of the Gulf lobster fishery.”

The present legal date from 20th April—broken for the first month with ice and spring gales, and again, as is usual, with breezy weather in July—to 20th August gives practically little more than is reliable beyond seventy-five working days. In the term from end of May to middle of October, with a recess, would still be seventy-five working days of the best season of the year, in which it might reasonably be expected fishing could be done, without fear of the weather. Were such an Order promulgated, it would, of course, be accepted, although probably with remonstrance, on account of the recess. The complaint most certain to be brought forward as a grievance in such proposal, is the additional handling of traps. Much the severest work about a fishing establishment is the anchoring of traps in spring, and taking them up at the close of the season. Where the traps number say 2,000, it is a matter of several days' extra hard labour of all hands, and in an equal degree, a lesser number of traps to the smaller force of small factories. An outcry would doubtless be made against a double course of this severe work. For instance, at West Point, at the west entrance to the Straits of Northumberland, the powerful current requires the lines of traps to be anchored two miles off shore, by huge blocks of stone, requiring to be lifted by shears. In such a case, the raising and re-setting the traps for a recess amounts to a tax, perhaps heavy enough, to make it a question for the proprietors, whether it would be worth while to avail themselves of the second term of fishing. Towards the end of September, all traps are liable to be damaged by rough sea. They could not be left out during the recess. A second objection would be want of occupation for the factory during the recess. Mackerel are in, but all factories do not can mackerel, and farm meats for canning can only be had in quantity in the fall. Thirdly, the dismissing and re-assembling of the hands, or the necessity of keeping them on wages unemployed during the recess, lest they should go into the more profitable catching of mackerel “on their own hook” in August and September, the best season for mackerel, and not return to the less profitable second term of

lobster-fishing. The difficulty of one General Order for the whole Dominion is very great, and there are matters that each factory would have to regulate for itself.

In the years 1879 and 1880 when the number of lobster factories was respectively thirty-five and fifty-eight, I recommended the measurement and license of certain stretches of coast giving the sole occupation to the factory situated thereon, said licensed area to be proportionate in extent to the number of traps used. Several applications were forwarded to the Department by packers, asking for such exclusive areas. Altered circumstances make the recommendation less appropriate now than then, and would induce me to withdraw it in whole or in part. Factories, especially along Egmont Bay, have been erected in clusters at intervals of a mile, or even much less, so that it would be impossible now to lease effective areas, seeing that it takes a shore frontage of about three miles to work a lobster factory satisfactorily. From this cause continual disputes arise among the factories as to the overlooking of traps. These, at considerable cost of time and trouble, have all been dealt with, under Section 13-11 of the Fisheries Act, which same will probably be sufficient to meet further cases as they arise.

As regards the increase of price from diminished fishing, it is quoted as an instance:—

Last year, 1882, the amount of money actually brought to this Province for lobsters was as under:—

5,198,720 cans, equal to 103,307 cases, of 48 cans, at \$4.50 per case.....	\$487,331 00
This year, 1883, there were 3,844,573 cans, equal to 86,720 cases, at \$5.50.....	435,605 00

And if as seems likely, the price should rise to \$6, or upwards, the sum realized would exceed that of the much larger export of 1882.

The tendency of legislation in the lobster-producing States of the United States, is towards greater stringency in the regulations of fishing, and raising the gauge below which it is illegal to catch or have lobsters in possession, making the standard size, in different States, 10 inches to 11½ inches clear in the body. Eleven inches would be too large for the dimensions to which the lobsters on the Prince Edward Island coast are reduced. With reference to the number of lobsters now required to fill a can, the packers are naturally unwilling to expose their private business, but a few have been good enough to show me their registry of lobsters delivered and cans produced. The size, or condition, has varied much this year in many localities, the record being 4.05, 4.07, 4.10, up to 4.65, 4.65, 4.78 and 5. In fact, a not inconsiderable proportion were but little above the eleven inch gauge of the United States. Not less than 17,000,000 of lobsters were canned the past season. The easy possibility of dwarfing the size, until below the legal standard, is succinctly set forth, in a Report on the lobster fishery of Norway, translated and republished by the Government of the United States, as follows:—“The lobster is a coast animal and only stays where it can easily get a sufficient supply of food, therefore near the coast, and only as far from it as seaweeds are found, between which it finds the animals that constitute its food. Even if it wanders about it does, not go very far, going, *e. g.*, in winter, into a greater depth, and in the summer into shallow water near the coast, but it never goes very far, its structure not being adapted to longer journeys. The fact of the matter is, therefore, that a certain number of lobsters belong to a certain extent of coast, which, by propagating freely, may increase, if they have sufficient food, or decrease from a natural mortality or too much fishing; and in this latter case the losses cannot easily be made up by lobsters coming in from adjoining districts. There can consequently be no doubt that the lobster can, on a given stretch of coast, be exterminated by continued persecution, or its number, at least, be diminished to such a degree as to make this fishing unprofitable. Such an event would occur all the sooner, if the coast in question be not favourable to its increase. Certain places are more favorable to its propagation than others * * *, but even there, continued exhaustive fishing, would diminish their number, especially if there should be an unfavorable year for the

growth and development of the lobster." In the views above expressed I quite coincide from close observation of the fishing on this coast.

The Americans appear to have accepted the necessity of revised Regulations in their own case. The following paragraph from the letter of a merchant of Boston, published in the *Chatham, New Brunswick, World*, is not therefore a matter of wonderment: "The curtailment of our lobster fishing on the coast of Maine this year, by order of Government, will enhance prices of those goods. Why cannot your packers ask your Government to do the same thing? It is needless to say, if it is not soon curtailed on your coasts, they will be in as exhausted a condition, as those of the State of Maine."

OYSTERS.

I have had previous occasion to bring to the notice of the Department the desirability of some definite and well understood Regulations for protection of the Oyster fishery.

This Province is peculiarly well adapted for the growing of oysters. The waters of half the Island were once stocked with natural beds. So lately as 1832, live oysters were so plenty, that legislation had to forbid their being burned for lime. In many places the dead shells of once productive beds, remain many feet in thickness. The fishery is but a mere scrap and vestige of what it once was, and might again be made.

Oyster fishing in the Province is free to all, consequently every-one makes the most of it for his own individual benefit, without care for the future. Wherever oysters happen to be a little more numerous than usual, they are immediately fished out. Thus the ground is shifted every year, to the ultimate destruction of the whole area. There is no regulation as to size, hence there is annually destroyed a quantity that I vaguely reckon at not less than 10,000 pecks, equal to 1,000,000 of shell-fish that under due restrictions, would come to maturity. It is not too much to say, that as many oysters as one-fourth of the whole consumption and export are destroyed every year by the digging of shell-manure. Although even under the present careless system a sufficiency can be got to export annually 30,000 to 40,000 barrels, the best beds are being slowly, but surely exterminated.

This is an evil that is quite remediable, and by simple means. The present Fisheries Act provides the machinery. The history of oyster culture and oyster fishing in the Netherlands affords valuable hints as to details.

The object to be aimed at, is twofold, namely, to make the most, permanently, of the present supply, and to increase that supply. To do this, requires oyster culture to be carried on along with oyster fishing.

Natural oyster-beds owe their location to accident. They are scattered patches, larger or smaller, that owe their change of locality to tides, winds or other not controllable causes. Accordingly, we find stretches of bottom quite suitable for the growth of oysters but on which none have grown. Every spring the fishermen take soundings for the scattered beds, and when such are found, they are worked till completely cleared. It is evident that under this pernicious system, total extinction is merely a question of time.

There are two distinct oyster fisheries, requiring to be differently dealt with, in this Province, namely in creeks and tidal rivers, such as Mill, West, Tryon, Enmore, Hillsborough, Johnston's Rivers, the Narrows, &c., and considerable bodies of water, such as Richmond Bay. In addition to these are localities where the fishing has been quite extinguished, but where it might be revived, as Bedeque, Winter River and elsewhere. And finally, there is unlimited room and suitable ground for the planting of new beds in many parts of Queen's and almost all the creeks and bays of King's County, where oyster beds have not yet been grown.

To the question of, how is this to be accomplished? the answer is, brief:—by Government regulation of private culture under Section 15-4 of the Fisheries Act, and

by Government aid in establishing experimental culture under Section 15-5 of the same Act.

Several applications for license to cultivate oysters have already been forwarded to the Department. I have recommended that all these be granted, subject to the conditions which seem necessary for the protection of the Government, and of the public. The conditions are, that the area leased be of moderate extent, that in the first instance, the term of lease do not exceed nine years, as provided in section 2 of the Fisheries Act; that during such first term the annual rent be low, or nominal, but renewable for a further term at an enhanced rental on valuation; that within a given time a certain defined proportion of the area be planted with brood oysters, at the rate of (so many, according to each case) to the yard square; that after the lapse of three years from the date of grant not less than (a specified quantity), nor so many as would deteriorate the bed—in which, of course, the Government would retain reversionary interest—be annually fished; and that at all times said oyster farms be under the supervision of the fishery officers. On these conditions, it is believed that many leases would be taken up in creeks and estuaries, where advertisement made that the waters were thrown open to lease. A right of priority of claim, before a specified date, might be given to persons owning shore frontages. Excepting in so far as rivers may be defined under Section 7-7 of the Act, I am not competent to express an opinion as to riparian claims set up on the banks of tidal water.

In the greater waters such as Richmond Bay, the system might require to be modified. Here, the applications would mostly be for sites, on which workable beds are already existing. From difficulty of defining small patches of space in the bay, the area would have to be larger. Twelve acres have been found a practical size in the Zuyderzee, Holland, which in its features bears some resemblance to Richmond Bay. One hundred and fifty acres is the largest single area granted by the Dutch Government. A rapid increase of production has taken place in the Zuyderzee, since the leased beds were withdrawn from public fishery, and there seems no reason why similar satisfactory results should not follow under like circumstances in Richmond Bay. As the bay is large, about six by ten miles, it would not likely be all applied for, and the present practice of free fishing, need not be interfered with on the unleased portions. Indeed, it might be advisable to begin by offering only a limited number of leases until the success of the new system be proved, and the public mind be educated to accept it. One thing is certain—the present system is eminently wasteful and unsatisfactory. In this connection Report, from Warden V. S. Gillis, of Indian River, an inlet of the bay, says: "There have been engaged this season, regularly oyster fishing on Richmond and Malpeque, about 150 boats and 300 men, allowing two men to each boat. Each boat averaged about six barrels per day. The oysters are without any doubt a great source of wealth and should be carefully protected. I have been speaking to several fishermen (French), and they tell me that they cleared in cash \$140 per man, since 1st September to 17th November. They also say that the oysters are as plentiful and as large as what they have been for these three or four years past. I have been asking them as to the size and length that should not be fished. They say that oysters less than two and one-half or three inches, should not be caught, because when re-picked, these small one are thrown away, whereas if left on the oyster bed, will on some future day be fit for market. I think the leasing of the oyster beds will be the means of causing a great deal of litigation between parties concerned. I think a very good way to protect the oysters would be to allow no fishing in the spring of the year, and to extend the close season, till the 15th September instead of the 1st of that month as now. It will benefit the fishermen because, as it is now, they generally take up a great number during the 1st of September, too many for the demand, and the consequence is that quite a lot of them get spoiled, and it keeps the price low for the rest of the season."

I do not apprehend the litigation or trouble feared by Warden Gillis. Under proper regulation none such need occur. Mr. Gillis's suggestion to have no oyster fishing until the 15th of September in each year, would not be received with equanimity.

mity by the public who hanker after early spring oysters, and seek legitimately to lay in a reserve supply for the close months. An extension of the close season to the middle of September (but for other reasons than those advanced in the Warden's Report), deserves favourable consideration, and was indeed petitioned for, two years since, by residents of Miscouche, Prince County. We have the example of the Dutch for a seven months' close time from the 1st of March to 1st October. In this Province these dates would practically mean a close season of nine months and a half.

With regard to Government aid in the formation of new oyster beds under Section 15, sub section 5 of the Fishery Act, although very desirable, it need not be on a large scale. The experiment would be in the light of a model farm for the instruction and initiation of the public. Two suitable localities offer, the first being the estuary of Winter reserved River, where in former times there was a great supply, and where the bottom is now paved some feet thick with dead shells. The other locality is the estuary of Cardigan River in King's County, where the bottom is clean and suitable, no manure being dug and no steamboat on the river. As there are at present no oysters in King's County, the planting of a bed or beds, would be viewed with interest and could not fail greatly to benefit the county. I estimate that an experimental bed, planted with 150 barrels of brood oysters, could be made at either of the above localities, on buoyed ground, properly levelled and harrowed, for the sum of \$300 or less, exclusive of railway transport. A small grant of \$600, would thus establish self-paying models in two different parts of the Province, where oysters are not now found, and from the product of which other plantings could be made. For the first three years, until the beds become remunerative, no staff would be needed beyond the present Fishery wardens. So much of the foreshore is suitable for shell-fish culture, that the trouble and cost of laying off need be comparatively small. Survey of private areas would be at the expense of the applicants.

The great drawback on the oyster-fishery of this Province, is the digging of oyster shells for manure, under the name of "mussel-mud." This is a subject that will have to be faced sooner or later, and the sooner the easier. The digging of shells for calcareous manure is an important part of the industry of farmers residing not only on the shores of creeks, but within several miles of the water. It is impossible to state accurately, the number of power digging-machines in use every winter, but there must be many hundreds. No restriction whatever being placed on digging, the live beds are cut up at random in all directions. Oysters are protected by the Fishery officers in summer, that they may be destroyed by the farmers in winter.

The marking off a certain number of spaces in the principal oyster waters as Government Reserves or leases, would be the first step towards a better state of things. In this I perceive neither difficulty nor injustice. The farmers would be deprived only of the very limited spaces required for artificial culture, and might, as heretofore, continue to have free access to areas amply large enough to supply them with manure. These general views express the possibilities. Details shall be laid before the Department when required.

The Oyster fishery of Prince Edward Island is of importance, greater than that of any of the other Canadian Provinces. It brings, in cash, say \$80,000 to \$100,000 per annum, by way of export, over and above supplying local consumption. In the course of a few years it might be increased many-fold and yet the privileges of the farmers remain intact.

Prince Edward Island oysters have long maintained a good fame. The name of "Bedeque Oyster" is still used as a term of excellence, although oysters are not now fished at Bedeque. Shipments are made to the markets of St. John, Halifax, Quebec, Montreal, Toronto, Ottawa, and other cities. Two forms are found indiscriminately on the beds, namely circular and long. It may be curious to ascertain scientifically, whether these are two distinct species, the *Ostrea Canadensis* and the *O. borealis*, or merely difference of form. At all events, the variation is established in their earliest growth, for the same stone, or old shell, has frequently adhering to it, young oysters of less than an inch in length with the two forms definitely developed. Both varieties

are equally valued as food. Private culture would speedily prove whether the different forms could be grown separately, and which kind would be most in demand.

It has been difficult in past years to distinguish accurately the quantities actually taken in the respective localities, inasmuch as they passed through various hands before reaching the point of shipment, and hence were apt to appear twice in the Returns. In view of possible re-organization of the Oyster fishery, the greatest care has been exercised in checking the exact product this year, namely, as nearly as possible, 35,000 barrels, which, at the official rate of \$3 per barrel, represents an article of traffic close on \$100,000 value.

RIVERS.

In reply to my annual circular to Wardens who have streams under their charge, putting the question: "Are trout more plentiful than they were three years since?" twenty-five Wardens reply—"larger and more abundant"; three say—about the same in quantity; and four report that, "from causes unexplained, their streams do not show improvement." Taken altogether, the fresh waters of the Province are in a satisfactory condition, and ready to afford fair sport to anglers, several of whom from abroad have met with pleasant success. The Wardens state that the drifting of sawdust into the streams has been completely done away with in twenty-five districts; partially so in six others; while in some few places advantage is taken of every opportunity to float rubbish down the current. This vile practice (almost the most annoying that the Fishery officers have to contend with) requires further repression. Poaching has almost died out, excepting on the reserved rivers Morell, Dunk, and, in a lesser degree, Winter, on whose banks reside organized gangs that can be called together on short notice when, an unusually large number of spawning salmon come up stream. Something has been done by prosecution to "scare" the offenders on Winter River. The spawning grounds on Morell and Dunk are so covered by woods to the water's edge that it is difficult from the shore to detect offenders in the act, and the Wardens have no boats. What could be done with the means at command has been done. On the Morell the spearing of foul salmon has been reduced to a minimum by the hire of extra watchmen with boats; and on the Dunk, by extra service on the part of the Wardens, the habitual poachers (who are well-known) have been obliged to shift the scene of their operations to the Wilmot river—a more distant and less productive branch of the Dunk, and where, I hope, detection will in future be easier. Twelve nets have been seized, condemned and destroyed. Several persons have been summoned for offences against the Act, as is set forth in the accompanying schedules of fines and forfeitures. Owing to the prompt action of the Departments of Fisheries and Justice, the culprits who assaulted Warden Garnum have been severely punished.

The largest sea trout this year, was taken with fly in Little Pierre Jacques River, Prince County, which turned the scale at four and one-quarter pounds.

No complaints have yet reached me from the Wardens on account of the several Starch factories on small streams. A fall in the price of starch will probably stop the erection of several proposed factories. A contemplated Starch factory on an affluent of the reserved River Dunk, above the salmon hatchery, has been made the subject of a special communication to the Department.

THE MINOR FISHERIES,

fresh and saltwater, of eels, smolts, flatfish and sea bass call for little remark. Eels of large size and of the finest quality are abundant in all the bays and creeks of the Province. Twenty-eight tons were taken this year for consumption fresh. No attempt has been made to bring them to market, even as canned goods. Considering how tenacious eels are of life it does not seem impossible to send them alive, by steamship and railway, to a United States market. At all events there seems nothing to prevent a not inconsiderable export of pickled eels, say to New York,

where they were recently quoted high. Improved appliances of catch would ensure a large production. Halibut, which is only taken by chance on cod-hooks, produced about two tons, and sold fresh. Smaller flatfish, as flounders, &c., can be caught everywhere but are used as food in only a few localities. I am informed that a firm is about to make arrangements to convert smelts into a marketable article of food. The fishery of sea-bass, *Labrax lineatus*, at Miminigash, west coast, the only place where these fish are taken, has this year been a failure, both in spring and fall. We have no black bass nor sturgeon. There is wide room in this Province for the smoking of herring and canning finnan haddocks as in Digby, N.S., of clams, oysters and herring, in all of which a beginning has been made; of smelts and sardines in oil and mustard, as in Maine; and of shrimps, with which our shores abound.

I have the honour to be, Sir,

Your most obedient servant,

J. HUNTER DUVAR,

Inspector of Fisheries for the Province of Prince Edward Island.

RETURN showing the Quantity and Value of Fishing Material, Kinds and Island, for the

DISTRICT.	FISHING MATERIAL.												
	Nets.		Saines.		Salmon, barrels.	Salmon, fresh, lbs.	Salmon, smoked, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, in cans.	Alewives, barrels.
	Fathoms.	Value.	Fathoms.	Value.									
<i>Prince.</i>		\$		\$									
Oasumppec Bay and Narrows, including Alberton to Kildare Capes.....	600	500				600		216			600		
Kildare to Sea Cow Head, including Tignish	1600	500	300	40		900		1200	33600		7000	7968	
Sea Cow Head to Nail Pond West.....	515	257						1244	54480		1528		8
West Shore to Big Miminigash, inclusive.....	2489	1250						1560	42860		2500		15
From Miminigash, including Little Miminigash and Campbellton.	568	296	150	200				3348	36090		2000		
Campbellton to West Point.....	600	400	150	200				375	9390		500		
West Point to Egmont Bay	600	250						110	2000		500		7
Egmont Bay to 15 Point.....	5000	2500						500	38500		4750		
Bedeque Bay, including Summerside.								30			50		
Richmond Bay, including Grand River.								110			3120		
Lot 12.....	500	400						30			814		
Tryon to Queen's County Line	500	400						120	2000		150		70
Rivers Dunk, Tyac, Ten, Enmore, Percival, Pierre Jacques and others.....													
Totals	12964	6753	600	800	1500	1500	8843	219040	23512	7968	160		

Quantities of Fish, etc., in the County of Prince, Province of Prince Edward
Year 1883.

KINDS OF FISH.												FISH PRODUCTS.			VALUE.		
Cod, cwt.	Cod Sounds, lbs.	Pollock, cwt.	Hake, cwt.	Haddock, lbs.	Halibut, lbs.	Shad, lbs.	Bass, lbs.	Trout, lbs.	Smelt, lbs.	Eels, lbs.	Oysters, barrels.	Lobsters, cans.	Fish Oil, galls.	Fish Guano, tons.		Fish used as manure, barrels.	\$	cts.
240	2000	.....	.....	.....	.....	.....	.....	.....	2000	200	240	179040	150	80	.....	29,484	30
600	.....	.....	100	5000	2000	400	.....	.....	.....	1000	.....	99840	400	50	.....	60,817	96
625	90	.....	223	2000	400	.....	.....	200	400	100	.....	202508	87	80	.....	53,236	36
400	1140	.....	380	1000	.....	.....	.....	500	.....	2000	.....	118488	700	60	.....	49,510	26
150	317	.....	350	.....	700	.....	.....	600	1000	2000	.....	344300	250	80	.....	89,685	05
300	1200	.....	600	5000	400	.....	.....	.....	.....	.....	.....	285456	500	100	.....	46,060	72
.....	.....	.....	.....	.....	.....	.....	.....	1400	.....	300	300	184300	.....	60	.....	26,542	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	315000	.....	90	.....	66,510	00
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	542	50
1020	.....	.....	.....	.....	.....	.....	.....	500	1000	3500	3200	96816	300	30	.....	126,057	92
145	.....	.....	.....	1200	.....	.....	.....	.....	.....	2000	2500	25000	40	10	.....	14,900	25
2010	.....	.....	10	.....	.....	.....	.....	3000	.....	8000	.....	99230	10	40	.....	23,476	60
.....	.....	.....	.....	.....	.....	.....	.....	8400	13900	6500	.....	.....	.....	.....	.....	1,728	00
5500	4747	.....	1663	14200	3500	400	.....	14600	18300	25600	35040	1949978	2437	680	.....	588,552	42

RETURN showing the Quantity and Value of Fishing Material,

DISTRICT.	FISHING MATERIAL.											
	Nets.		Seines.		Salmon, barrels.	Salmon, fresh, lbs.	Salmon, smoked, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, in cans.
	Fathoms.	Value.	Fathoms.	Value.								
<i>Queen's.</i>		\$		\$								
Prince County Line to New London .	810	300	570	400	.....	.....	.....	.....	1000	.....	650	.....
Cavendish.....	140	150	.....	.....	.....	.....	.....	.....	120	.....	390	.....
Clifton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50	.....
New Glasgow to Cavendish, including Rustico.....	5476	2800	450	350	.....	.....	.....	.....	3920	.....	3130	.....
To Head of Wheatley.....	130	160	.....	.....	.....	.....	.....	.....	980	70000	900	.....
Cove Head and Tracadie, also Ponds to King's County Line.....	33200	13536	115	300	.....	.....	.....	.....	1532	36193	1320	.....
King's' County, S.W., Line to Point Prim.....	1600	580	700	.....	.....	.....	.....	.....	80	700	600	.....
Pownal Bay to Seal River.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hillsborough Bay, including Charlottetown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Argyle Shore.....	800	400	.....	.....	.....	.....	.....	.....	12	.....	15	.....
De Sable to Prince County Line.....	300	150	.....	.....	.....	.....	.....	.....	700	.....	110	.....
Rivers: North, East, West, Trout, Johnston's, Vernon, Winter and others.....	.....	.....	.....	.....	.....	.....	.....	.....	200	.....	300	.....
Totals.....	42506	18056	1835	1050	.....	.....	.....	.....	8544	108893	7465	.....

Kinds and Quantities of Fish, &c.—Prince Edward Island—Continued.

KINDS OF FISH.													FISH PRODUCTS.			VALUE.		
Alewives, barrels.	Cod, cwt.	Cod Sounds, lbs.	Pollock, cwt.	Hake, cwt.	Haddock, lbs.	Halibut, lbs.	Shad, lbs.	Bass, lbs.	Trout, lbs.	Smelt, lbs.	Eels, lbs.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.		Fish used as Manure, barrels.	\$	cts.
.....	500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	91200	25	15	.....	25,700	25
20	120	.....	.....	30	1200	.....	.....	.....	700	800	600	.....	.....	90	.....	.....	3,701	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	200	.....	500	200	.....	20	.....	.....	855	00
.....	2420	.....	.....	.....	.....	.....	.....	.....	600	.....	900	.....	49000	1450	8	.....	67,845	50
.....	500	.....	.....	.....	10000	.....	.....	.....	100	100	500	.....	.....	200	.....	.....	24,697	00
105	879	.....	.....	.....	.....	.....	.....	.....	500	1500	1500	.....	115800	231	50	.....	43,352	56
.....	450	600	.....	700	1500	700	.....	.....	200	1200	600	.....	225600	73	80	.....	35,487	95
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	800	.....	.....	.....	.....	2,400	00
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	655	111168	.....	.....	.....	15,485	16
50	5	.....	.....	3	.....	.....	.....	.....	800	1000	700	300	70080	.....	70	.....	17,015	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16800	.....	40	.....	5,431	00
5	.....	.....	.....	.....	.....	.....	.....	.....	2530	11500	800	1800	.....	.....	.....	.....	6,547	30
184	4874	600	.....	733	12700	700	.....	.....	5630	16100	6100	3835	670648	2089	263	.....	248,518	57

RETURN showing the Quantity and Value of Fishing Material,

DISTRICT.	FISHING MATERIAL.												
	Nets.		Seines.		Salmon, barrels.	Salmon, fresh, lbs.	Salmon, smoked, lbs.	Salmon in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, in cans.	Alewives, barrels.
	Fathoms.	Value.	Fathoms.	Value.									
<i>King's.</i>		\$		\$									
Prince County Line to Morell, not including St. Peter's Bay.....	2500	480				500			650		103		75
St. Peter's to Cable Head.....	930	228				3830			563		183		50
Schooner Pond to Naufrage.....	5280	2000	110	100		1200			1760	9600	2024		50
Lots 46 and 47, including North and South Lakes.....	7260	4356							2420	10100	1815		300
To Red Head, including Souris....	4863	1000	180	200					1730	2700	1169		
Rollo, Fortune and Howe Bays.....	360	200							360		419		
To Boughton Island.....	500	300							2000		1200		
Cardigan Bay, including Georgetown to Cape Sharp.....	1250	600				600	300		500	3800	7000		
To Queen's County Line.....	980	360							300		850		
Rivers Morell, Midgell, Marie, Montague, Cardigan, Brudenell and others, and Estuaries.....	1009	600							500		700		
Totals.....	24903	10124	290	300		6130	300		10783	26000	15463		375

Kinds and Quantities of Fish, &c., Prince Edward Island—Continued.

KINDS OF FISH.													FISH PRODUCTS.			VALUE.	
Cod, cwt.	Cod Sounds, lbs.	Pollock, cwt.	Hake, cwt.	Haddock, lbs.	Halibut, lbs.	Shad, lbs.	Bass, lbs.	Trout, lbs.	Smelt, lbs.	Eels, lbs.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.	Fish used as manure, barrels.		\$	cts.
540			37	1100	300			1000		1600	5	50000	232	30		16,109	20
538			20									60000	800	20		17,186	75
1320								2000	2250			88800	700	20		43,809	00
9600	1830	1500						4000		5000		145600	5550	85		102,307	30
1760	3065	2225		5000								136000	3400	50		58,789	75
25		15								1600		60000	35	30		12,747	50
300	100	400		5000				2000	4000	12000		65000	600	10		37,250	00
500	200	450						150	3000	500		151800	550	30		56,225	50
1050	5100	1920		9500				500	800	3000		468857	1000	120		78,518	34
700								14000	11000	800			200			12,453	00
18328	10265	6667		20600	300			23850	21050	23900	5	1222047	12667	395		435,896	84

RETURN showing the Quantity and Value of Fishing Material, Kinds and Quantities of Fish, etc., in the Provinces of Prince Edward Island, for the Year 1883.

COUNTY.	FISHING MATERIAL.				KINDS OF FISH.										VALUE.										
	Nets.		Seines.		Mackerel, barrels.	Mackerel, in cans.	Herring, brls.	Herring, in cans.	Alewives, brls.	Cod, cwt.	Cod Sounds, lbs.	KINDS OF FISH.													
	Fathoms.	Value.	Fathoms.	Value.								Salmon, barrels.	Salmon, fresh, lbs.	Salmon, smoked, lbs.		Salmon, in cans, lbs.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.	Fish used as manure, barrels.				
Prince.....	12,964	\$ 6,753	600	\$ 800	8,843	219,040	23,512	7,968	100	5,500	4,747	1,683	14,200	3,500	400	...	14,600	18,300	25,600	35,040	1,949,978	2,437	680	.....	588,552 42
Queen's.....	42,506	18,056	1,835	1,850	8,544	106,893	7,465	.....	184	4,874	600	733	12,700	709	.....	6,630	16,100	6,100	3,835	670,648	2,689	263	.....	248,518 57	
King's.....	24,903	10,124	290	300	10,783	26,000	15,463	.....	375	16,338	10,265	6,667	20,600	300	.....	2,1,560	23,900	23,900	5	1,223,917	12,667	335	.....	435,396 94	
Totals.....	80,373	\$ 34,933	2,725	2,950	28,170	351,933	46,440	7,968	659	26,702	15,612	9,063	47,500	4,500	400	...	43,880	55,450	55,600	38,880	3,844,573	17,193	1,338	.....	\$ 1,272,467 93

RECAPITULATION.

YIELD and Value of the different Fisheries in the Province of Prince Edward Island during the Year 1883.

Kinds of Fish.	Price.	Quantities.	Value.
			\$ cts.
Salmon, fresh..... Lbs.	0 15	7,630	1,144 50
do Cans.	0 25	300	75 00
Mackerel..... Brls.	10 00	28,170	281,700 00
do preserved..... Cans.	0 12	351,933	42,231 96
Herring..... Brls.	4 00	46,440	185,760 00
do preserved..... Cans.	0 12	7,968	956 16
Alewives..... Brls.	3 50	659	2,306 50
Cod..... Cwt.	4 25	26,702	113,483 50
Cod and Hake Sounds..... Lbs.	0 65	15,613	10,147 80
Hake..... Cwt.	3 50	9,063	31,720 50
Haddock..... Lbs.	0 06	47,500	2,850 00
Halibut..... do	0 06	4,500	270 00
Shad..... do	0 06	400	24 00
Trout..... do	0 06	43,880	2,632 00
Smelt..... do	0 06	55,450	3,327 00
Eels..... do	0 06	55,600	3,336 00
Oysters..... Brls.	3 00	38,880	116,640 00
Lobsters, preserved..... Cans.	0 12	3,844,573	461,348 76
Fish Oil..... Galls.	0 65	17,193	11,175 45
Fish Manure..... Tons.	1 00	1,333	1,338 00
Total Value of the Products of the P.E.I. Fisheries, 1883.....			1,272,467 93
do do do 1882.....			1,855,687 25
Decrease.....			583,219 32

J. HUNTER DUVAR,
Inspector of Fisheries, P.E.I.

No. 7.

BRITISH COLUMBIA.

VICTORIA, B. C., 15th February, 1884.

THE HON. A. W. McLELAN,
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to transmit the usual statements, and other documents relating to the Fisheries of this Province for the past year.

2. Owing to the deficient run of salmon in Frazer River, the catch there, was considerably short of that of the previous season; but fortunately, the deficiency was partially compensated by the increased pack at the canneries seated on the northern rivers and inlets.

3. Nevertheless, the deficit is conspicuous; and were it not, that in other branches of the fishing industry, there has been a notable augmentation, proceeding from the constantly increasing demand, the result of the last year's operations, would have been greatly reduced, as compared with the previous season.

4. As it is, the issue of our last year's work, and including the estimated consumption by the resident Indian population, (which, they being indirectly large contributors to the Customs Revenue of the Dominion, I think may be fairly comprised), a grand total of nearly \$7,000,000 is reached. But, excluding the estimated consumption by the inactive population, and confining ourselves to the consideration, merely, of the commercial products, and the consumption by the white and other residents, the comparative view stands as under:

Total, 1883.....	\$1,603,145 42
do 1882.....	1,842,675 05
Decrease, 1883.....	\$239,529 63

5. In obtaining this result, an amount of capital, estimated as nearly as the data procurable will permit, at \$768,245, has been invested; and this may be regarded as a permanent investment, prospectively largely to be increased. At the same time lucrative employment to upwards of 5,000 persons, fishermen and others, has been afforded.

6. The falling off, to which I have alluded in the returns of the canned salmon, may be thus represented :—

1882, cases 4 doz. 1 lb. cans.....	255,061
1883, do do do	196,292
Decrease, cases.....	58,769

I have, however, in some of my previous reports to your Department, explained the rationale of this periodical fluctuation of the yield of salmon in these waters, and especially in Frazer River. It is needless, therefore, to repeat here my previous remarks; nor would it be prudent to assume that the present cyclical period of scarcity on the Fraser is assignable to over-fishing, or other than purely natural and explicable causes.

6. The deficiency in cash value, however, of the returns of the past year, is not due alone to the short pack of salmon. Owing to boisterous weather on the West Coast during the sealing season, the operations of the schooners engaged, with their Indian hunters, in the capture of the valuable fur-seal, were much impeded. Hence a result of 5,195 skins only was attained, as against 17,700 the preceding year—a casual deficiency in this item alone of 12,505 skins, representing a cash value of \$125,050.

7. In the Seal fishery during the past year the following vessels were engaged:—

	Tons.	Sailors.	Hunters.
1. Schooner, "W. P. Saywaid".....	75	4	32
2. do "Favourite".....	80	5	32
3. do "Mary Ellen".....	65	5	36
4. do "Kate".....	55	4	28
5. do "Onward".....	35	4	32
6. do "Black Diamond".....	80	4	32
7. do "Winfred".....	15	2	12
8. do "Thornton".....	35	4	28
9. do "Alfred Adams".....	75	4	32
10. do "Anna Beck" Steam auxiliary.	50	4	32
	565	40	296

Employing 148 cedar canoes for hunters' use.

8. The proportions secured by the several canneries on the Fraser, and by the canneries seated in the northern rivers and inlets, are respectively as under:

Fraser River—12 canneries.....	105,701 cases.
Northern canneries—11 canneries.....	90,591 "

Total cases, 4 doz., 1 lb. cans each..... 196,292

representing an aggregate of 9,422,016 pounds. Of this product the following shipments are recorded:

Per "Vanguard," for London	26,360 cases.
" "J. C. Munro," "	25,315 "
" "Jane Sprott," for Liverpool.....	31,050 "
" "Miako," for London	21,383 "
" "Lady Head," "	15,898 "
Via San Francisco to England.....	11,981 "
	131,987 cases.
Australia	10,950 "
Canada East.....	10,250 "
Destination unknown beyond San Francisco.....	24,041 "
On hand, and including local consumption, or not otherwise accounted for	19,064 "
	196,292 cases.

9. It seems probable that, unless the demand in England shall assume greater activity, a large proportion of the salmon packed on the Columbia River will be transmitted, by rail, eastward towards the Western States of the Union, where the value of this convenient and really excellent article of diet is becoming constantly more appreciated. So, too, with the Territories of the Dominion lying east of the Rocky Mountains, a large demand will arise, as well for canned salmon as for other varieties of fish, which, so soon as the Canadian Pacific Railway shall have been completed, will afford a wide outlet for the disposal of our annual products,

10. The fluctuation of demand in England for our canned salmon, is due to divers causes, to some of which I have alluded in previous reports. It is conspicuously the poor man's luxury; and with the capacity of purchase by the comparatively poor, in England and on the continent of Europe, the rise or fall of the market must materially depend. The large production on the Pacific Coast, most of which goes to meet the European demand, is sufficiently indicative of the importance, from a commercial point of view, of this constantly growing industry; and the following synopsis of the general yield of these western fisheries, in British Columbia and the adjacent Territories of the United States, for the past year, will enable the reader to judge, nearly, of the vast importance which the industry must eventually assume, as new fields of operation are gradually developed:

The yield of the Columbia River canneries for 1882, has been estimated, doubtless with approximate accuracy, at 548,520 cases; that of California and the Alaskan coast, according to the *San Francisco Commercial Herald* at 210,978; forming a total, including the British Columbian contribution of 255,061 cases, of 1,014,559 cases—a result, after more accurate enquiry, slightly differing from the computation in my Report of last year of the general yield for the year 1882.

On the other hand, the yield for 1883, on the Columbia River, amounted to 629,438 cases, as against the 548,520 of the preceding year, and 540,000 in 1881—a result sufficiently subversive of the assertions previously made, that the salmon-fishery of that important river was being gradually destroyed by over-fishing.

11. Of the Columbia River pack for 1883, the following disposition is recorded:—

Shipped to San Francisco.....	258,297 cases.
do England.....	288,630 “
do New York.....	56,978 “
By rail to Eastern States.....	25,533 “
	“
	629,438 “

To this, if we add the return of the Californian and Alaskan Fisheries, estimated on the basis of last year (for I have been unable so far to procure a correct record), at 210,978 cases, we have a total yield for the Pacific Coast, including that of British Columbia before noted, of 1,036,703 cases, packed and exported in various directions during the season of 1883—an excess over the preceding year, as nearly as can be ascertained, of 22,149 cases.

12. With the fast-approaching completion of the Canadian Pacific Railway, whereby direct and speedy transport eastward will be secured, the food-fish trade of this Province must receive a notable impulse—at any season, by means of refrigerators, and during winter by even a simpler process. A large demand will necessarily arise throughout the line of the railway, where settlement has been established, and in Manitoba; and eastward again of the last named locality, in Ontario and elsewhere, it is probable that, during the winter season, some of our sea-fishes may prove abundantly attractive, and find a ready and lucrative market. Among these I may instance our salmon, caught by trolling in the salt water throughout the winter season. The quality of these fish is much appreciated here, and it is probably in these waters alone, and the connected waters of Puget Sound, that these fish, in their prime condition, can at this season be obtained. To test the feasibility of conveying them to Ottawa in undeteriorated condition, I resolved to send forward three fish; and accordingly on the 23rd January, a package was despatched, *via* the North Pacific Railway by Wells, Fargo & Company's Express, to your address, and I trust soon to hear of their having reached their destination in good condition. These fish were simply disembowelled (shortly after being caught, and in an unfrozen state), the cavity filled with broken ice, and surrounded in the box in which they were packed with fragments of ice. Of course upon a large scale, and for commercial purposes, economical modes of transport would be speedily devised; but as an experimental trial, if successful, the somewhat costly mode adopted will, I opine, be fully justified.

13. In paragraph 33, of my report for the year 1879, I mentioned a fish said to abound in the near-shore waters around Queen Charlotte Islands, but frequenting only great depths, and therefore not readily obtainable. I had often heard it spoken of by fellow-officers of the Hudson's Bay Company, with which I was formerly connected, as unique for delicacy and richness among the fishes of the sea; but it was only recently that I was enabled to judge, personally, of the correctness of their appreciation. For want of a more distinctive name it was called the *Coal-fish*, from the black colour of the back; but I have reason to think that it is in reality a variety of the pollack, though in all respects superior to the fish ordinarily known by that name. Some three years ago, a specimen, preserved in salt, was sent to me by Mr. A. McKenzie, J. P., the Hudson Bay Company's Agent at Massett, Queen Charlotte Island. This, I forwarded through Mr. James G. Swan, of Port Townsend, W. T., to Professor Baird, at Washington. I afterwards learnt that it was classified, though doubtfully, as *Anaplopoma fimbria*; but subsequently understood that, in the opinion of Professor Jordan, who has since visited this coast with a special view to its fisheries, it was probably allied to the pollack family.

14. The following description of this fish, already quoted in my former report, is given by Mr. McKenzie:—

“Coal-fish—Length about 24 inches; back, dark colour; belly grey; none at Massett; inhabits very deep water, and said to abound in the vicinity of Virago Sound. Indians fish with a long line, with say ten hooks, and generally bring up as many fish. This fish yields a large quantity of oil, which is used as an article of food, and highly esteemed by the natives. Not much fished for. Obstacles to prevent Indians from making it a business: depth of water (preventing anchorage of canoes), strong currents, necessity of calm weather.”

15. During the past summer we have been greatly enlightened as to the nature of the fishery and the qualities of this fish, through the intelligent researches and practical action of Mr. James G. Swan, the Assistant United States Fish Commissioner, stationed at Port Townsend, in Washington Territory, (about 38 miles from Victoria, on the opposite shore of the Strait of Fuca.) This gentleman was, early in the past summer, commissioned by the Smithsonian Institution of Washington, to prosecute along our northern coast, and especially around Queen Charlotte Islands, researches connected with various scientific objects, and it is needless to say, received from the authorities here, every facility in furtherance of his views. I may here add, parenthetically, that the mission of Mr. Swan was very faithfully and intelligently carried out, and that, by the invitation and under the auspices of the Provincial Government, he recently delivered a public lecture in Victoria, giving a general view of his experiences.

16. One practicable and valuable result of Mr. Swan's mission has been, that he has tested and brought prominently into notice, the superior qualities, for food and market, of the coal-fish, before mentioned. While at Skidegate, at the southern end of Graham Island, the most northerly of the Queen Charlotte group, Mr. Swan employed Indians to procure specimens of the fish in question. Several hundreds, caught with the hook in the deep waters on the outer shore, were soon brought in. Of these a number were cured by salting in the way that cod are usually cured. Some of these were distributed in Victoria, where, by those who partook of them, they were very highly appreciated. Four boxes of the remainder were despatched to Washington by rail, and their appreciation there, has been favourable in a high degree—and under the name of *black cod*, which has been substituted for its former name, this product of our waters is now attracting much attention abroad. This may be inferred from the following extract from the *Victoria Colonist* newspaper of the 13th instant, being portion of a communication from Mr. Swan, dated February 8th.

“The following important letter about *black cod* was received by me to-day from Professor Spencer F. Baird, United States Fish Commissioner, Washington, D.C., and I transmit it entire, to show those of your readers who may be interested, that

there is already a market in the east for *black cod*, and the first who engage in it will reap the largest share of profits :

“ UNITED STATES COMMISSION OF FISH AND FISHERIES,
“ WASHINGTON, D.C., 30th January, 1884.

“ DEAR MR. SWAN.—There continue to be enquiries for samples of the *black cod* for smoking ; the general impression being, as stated, that the fish is of more value than appeared at first. If you can therefore arrange to have a few hundred weight properly prepared, and send on so as to extend the test, it will help the boom of the fish.

“ &c.,

&c.,

“(Signed) S. F. BAIRD,

“ Commissioner.”

17. In view of the high commendations that have been elicited regarding the valuable qualities of this fish, confirmatory as they are of the appreciation by the few among the early settlers who had the opportunity of judging, it seems superfluous to add more. I may, however, state, in partial addition to what has before been written, that, when dry-salted like the cod, it resembles that fish greatly in appearance. But when cooked, while retaining in a great degree the appearance of the salt cod similarly treated, the flesh-fibre is more delicate, and it has a degree of richness approaching at least to that of the primest salmon. In fine I may state, that hitherto the natives of Queen Charlotte Islands have employed for the capture of these fish, a peculiarly constructed spring-hook—but it may be assumed that a hook of this ingenious construction is not indispensable, or in any case could be readily imitated, in steel, by our local artificers. A specimen of this ingenious hook, from my own private collection, I sent to the International Fisheries Exhibition, and it will be found described in my catalogue of contributions from British Columbia, Article 21. By the hook, then, at first, and probably with the ordinary cod-hook, these fish will continue to be captured. But new appliances will doubtless be invented as experience teaches, and Mr. Swan is of opinion that the use of gill nets, sunk in the deep water and anchored near the bottom by some ingenious mode of procedure which I do not clearly apprehend, will be found effective, as it has, I understand, been found effective elsewhere in the capture of other varieties of fish.

18. The coal-fish, or “Black cod,” is not confined solely to the waters around the islands of Queen Charlotte, but is now known, or assumed, to abound at various points along the outer shore of Vancouver Island and as far south as Cape Flattery, as well as in the deep waters of the Strait of Fuca.

19. I think it unquestionable, that the capture and curing of these fish for exportation will soon form a very important industry. Mr. Swan is sanguine as to the effective use of deep-set gill-nets before mentioned, which, it appears, is already in use in the eastern cod-fisheries. He adds that he has “written to Professor Baird for further information, and suggested that some of the eastern experts come out here (to Washington Territory) and teach our people the use of the gill-net.”

20. In paragraph 7 of my last year's report; I mentioned the successful issue of the proceedings of the Skidegate Oil Company in the extraction and refinement of the dog-fish oil, so largely produced in various parts of the Provincial coast waters. I now epitomise, from a document which has been handed to me by the agents of this enterprising firm, serving to show the importance of the large industry that has been created, and the possibility, under favourable circumstances, of its practically unlimited extension.

“There is no perceptible diminution in the quantity of fish. We took 400,000 in a little over four months, 1883.” [N.B. This gives an average of one gallon of refined oil from the livers of ten fish, 40,000 gallons having been extracted, all of which was packed for market in new cans and cases, like coal oil]. “Employed ten white men; the rest all Indian labour. We treat the Indians the same as the white

men, and pay them the same prices; hence they are peaceable and work well.
 * * * We find a market for a limited quantity in China and Honolulu; but taking this into account, and after supplying the local demand in British Columbia, the bulk of our product *must* find a market in the United States. We obtained the silver medal at the Portland, (Oregon) Mechanics' Fair for our oil. This was the highest prize for any exhibit. * * * British Columbia not having been admitted to share the privileges of the Washington Treaty, our oil is subjected to the United States duty, which was this year raised to 25 per cent. *ad valorem*. This enormous duty cripples our industry very much; and should the United States further increase the duty, we shall be deprived of a market in that direction, and unless further unforeseen demand arise elsewhere to compensate for the possible exclusion, we shall probably have to abandon our enterprise."

21. Accompanying this representation, by the Skidgate Oil Company, is the copy of a testimonial, officially handed to their representative at the Mechanics' Fair at Portland (1883), conveying the highest expression of praise of the Skidgate refined oil as a lubricant. It had been submitted to the "severest possible test, at the highest possible speed of machinery," and had given the most complete satisfaction. "In no instance has there been any indication of gumming; no heated journals; no offensive smell; it has lasting properties, and is in every respect a first-class article for any kind of machinery." This flattering testimonial, thus publicly given, is witnessed through their agents by Messrs. John Honeyman & Co., of the City Foundry, Portland; Messrs. Whitney & Marshall of San Francisco; Westinghouse & Co. of New York; and some nineteen other firms and individuals exhibiting at the Mechanics' Fair, signing either for themselves or through their agents.

22. With reference to the foregoing statement regarding the oil industry of the Province, and indeed with reference to all our other fishery interests in their relation with the United States, it will be perceived that, not having been included in the provisions of the Washington Treaty, we occupy a very disadvantageous position. It is reported, however, that the United States Government has given notice to our Government, as stipulated in the Treaty, that its provisions, as regard the Fisheries, shall terminate at a certain date. I cannot suppose that the system of reciprocity, which has for some time prevailed in the east, and which I conceive to have produced mutually beneficial results, directly or indirectly, will be suffered to fall through. Assuming therefore, that a fresh treaty, modifying possibly in some points, the terms of that now existing, will be concluded, I earnestly express the hope that the interests of the Pacific coast will be specially cared for.

23. The herring oil manufacture has been moderately successful. The factory at Burrard Inlet, erected at great expense, has changed hands, and is now owned by Mr. Joseph Spratt, an energetic and enterprising citizen of Victoria. Under his active management, improved appliances for the drying of the fish scrap, for exportation as a fertilizer, are in process of construction; and I do not question that with the approaching season satisfactory results will be obtained. During the past season fifteen tons, only, have been dried, owing to the disarrangement, for improvement, of the drying apparatus. This small temporary result will be entirely absorbed by the local demand.

24. Mr. Spratt, above alluded to, has also during the past year entered upon, and I trust with every prospect of eventual success, an undertaking of a novel character—at least in this Province, though I am informed a similar undertaking has been adopted elsewhere. This is the construction of a vessel, built somewhat like an enormous barge, and with the floating capacity of perhaps 400 tons. In this vessel all the appliances for cannery purposes are comprised, while the upper structure embodies all the necessary accommodation for the employes engaged in the prosecution of the salmon fishery. This vessel is propelled from point to point when necessary, by means of twin propellers, worked by the same steam power which at other times is employed for the purposes of the cannery. The cost of this vessel, with its adjuncts, was about \$60,000—and on the application by Mr. Spratt for the usual license for salmon fishing, I judged it only prudent, to give him a roving commission to fish where he might see

fit in the marine waters of the Province, and including, as the season might demand, the lower tidal waters of Fraser River. The success of Mr. Spratt's new vessel (now known familiarly as "Spratt's Ark"), in its varied operations has, I believe, been so far encouraging, and gives good earnest for the future. Among other appliances on board is a system of steam boilers, by means of which the oil contained in the offal of the salmon is extracted—a source of profit overlooked by the stationary canneries. The offal, a source of partial offence elsewhere, is thus satisfactorily disposed of.

25. The business of oyster culture, still in embryo, promises favourably. Mr. A. J. McLellan, formerly of Prince Edward Island, to whom a lease of certain tidal waters in the neighbourhood of Victoria was last year granted, has gone energetically into the business. He has imported and planted out several car-loads of oysters from Boston, and there is every ground to hope that his enterprise, so far successful, will be permanently profitable. The Mud Bay Oyster Company, who had previously obtained a lease, have also, as they inform me, taken measures for planting their tract with imported stock; and I anticipate that, with the success of these operations, a lively impetus will be given to the prosecution of the oyster industry in divers favourable positions around.

26. I last summer received from a Mr. C. Pippy, writing from Little Bay Island, Notre Dame Bay, Newfoundland, a letter asking, for himself and others, information regarding the deep-sea fisheries of this Province; the object being, should satisfactory information be received, to organize with his neighbours a considerable immigration hither of practical men desirous of entering on the prosecution of our fisheries. All that I could do, under the circumstances, was to write to Mr. Pippy in reply, stating fairly the conditions, leaving it to himself and his friends to judge in how far these conditions might satisfy their expectations. I, at the same time, sent to Mr. Pippy several of my published reports, together with pamphlets concerning the Province and its resources, by myself and others, which had already been widely circulated by the Government of British Columbia. I also wrote to the Commissioner of Fisheries requesting him to send to Mr. Pippy others of my reports of which I no longer possessed spare copies. I have not since heard from my correspondent, and cannot therefore infer at what decision he and his friends may have arrived. While cautious of conveying to Mr. Pippy aught that might savour of exaggeration, or promote extravagant notions in regard to the subject of his enquiry, I think that the effect of my reply will have been at least encouraging. I may now add, with increased confidence, that with the fresh developments that are constantly being made in regard to the resources of our fisheries, and with a view to the greatly extended and available market which will certainly be soon at hand, there is assuredly great encouragement for the prosecution of these fisheries on a large scale, and that, ere long, this Province, will represent the most valuable portion of the fishing interests of the Dominion.

27. A few days ago a Mr. Graaf, from Norway, called upon me, and asked for information regarding the fisheries of British Columbia, stating that he was acting for a number of his countrymen, whose attention, as fishermen, has been directed hitherward. I supplied Mr. Graaf (who, I am informed, is a civil engineer, and a very intelligent man) with several of my reports, after the perusal of which he will confer further with me as to special points. Mr. Robert Ward, the Norwegian Consul, informs me, that Mr. Graaf is acting for about three hundred of his fellow-countrymen, and that on his favourable report, they will at once take measures to immigrate to this Province, and to establish, at some favourable point, to be hereafter decided on, a settlement of their own, with the prosecution of deep-sea fishing chiefly in view.

28. In 1858, when the colony of Vancouver Island, and what is now known generally as the Province of British Columbia, first began to attract public attention, in connection with the rich gold discoveries that had been previously made, in writing to the London *Times*, of which I have been an occasional correspondent, I mentioned, that in addition to other resources, which with time might be developed, the *Bêche de la Mer*, a valuable source of industry in connection with the China trade, existed in these waters. Since then I had almost lost recollection of the suggestion, that

vaguely made; and it was only recently, while talking with Mr. J. G. Swan, already referred to in the preceding pages, that my attention was recalled to the half-forgotten suggestion. The mollusc in question, classified as the *Holothuria*, and popularly known as the "Sea Cucumber," when properly cured and dried, forms the *Trepang* of commerce, and is largely in request among the superior classes of China, as a luxurious article of diet. Many vessels of moderate tonnage are annually engaged in the Southern Pacific in curing these molluscs for market, and the annual production from this source is estimated, in value, roundly at two hundred thousand pounds sterling. In its dried condition, the mollusc no longer resembles, even remotely, its natural figure; but, parched and contracted has, from its appearance, received the traders' appellation of *Bêche de la Mer*, in other words "Sea Slug"—by the Chinese, as before mentioned—*Trepang*. To this change in appearance under the process of curing, I think, we may fairly attribute the fact that the numerous Chinese in this quarter, eager as they are to engage in any new industry, failed to identify the *Holothuria* in its natural state with the dried specimens forming the coveted *Trepang*. Mr. Swan has recently laid before me a document, issued from Washington, detailing the process of curing—in itself sufficiently simple—and containing many facts of interest relating to the subject. He informs me, that during his recent visit to Queen Charlotte Islands, and elsewhere before, he found these molluscs to exist in enormous numbers: and he has suggested that I should again bring the subject forward in a more prominent shape, so that the preparation of the *Trepang* in our own waters may be, at least experimentally, tested, and the quality of the product submitted for the judgment of some of the intelligent Chinese merchants in Victoria. There are several qualities of the prepared *Trepang*, varying with the different species of the *Holothuria* of which it is composed. "The price of the *Trepangs*, [I quote from Wood's Illustrated Natural History], 'is very variable, according to the species; some kinds being comparatively cheap, and costing rather less than two pounds per hundred weight, while others will fetch thirty pounds for the same weight. There are besides, 'fancy prices,' for some very scarce species of *Trepang*, which however, are likely to be equalled in real value by the cheaper and commoner kinds. In the British Museum may be seen a valuable collection of the various kinds of *Trepang*, with their prices attached." I now again draw attention to a source of industry in our Provincial waters, which may, possibly, ere long, become of much commercial importance.

29. In several of my previous reports I have mentioned the cod of this coast as being, as I assumed, identical with the cod of the eastern banks, and in no respect inferior to it. In this opinion I have, I believe, been supported by the decision of the professional experts who were, some three years ago, deputed by the Fishery Department at Washington, D.C., to report generally on the fishes of these waters. In connection with the enquiries which, as before mentioned (paragraph 28), have been addressed to me, I may now add, with the greatest confidence, that I have reason to conclude that the true "cod" of our waters differs in no obvious respect from its eastern congener and that for commercial purposes it is in all respects equal to it. Mr. McKenzie, of Massett, before referred to, informs me that during the past season he obtained and cured, in the usual way, for his private use a considerable quantity of these fish, and that the quality so cured no wise differs from that of the eastern cod. The fish thus procured by Mr. McKenzie were caught in the immediate neighbourhood of Massett (northern extremity of Queen Charlotte Islands) and were of moderate size, all being milts—probably from shoals of partially mature fish—and that the larger specimens, such as might correspond with our notions of the eastern cod, are obtainable only on the outer or western banks of the coast. He adds that the natives from whom much of his information is necessarily acquired, pay little attention to the fishing of the cod, devoting their industry chiefly to the capture of the halibut, which, abounding in these waters, and of great size, is to them the more attractive.

30. In view, then, of all the varied branches of the fishing interest on this coast, and with the prospect which I think I foresee, of an enormous future demand for the products, I infer that there is large encouragement for the investment, by industrious and competent men, of capital and energy in the development of our deep-sea fisheries,

regardless of the mere canning of salmon, to which the enterprise of some has been hitherto confined. In making this remark, I desire to avoid the risk of holding out inducements that may not be fairly justified by the facts which I relate, while at the same time seeking to represent these facts in such shape that they may be intelligently apprehended.

31. I received, in December last, through the Provincial Secretary, a letter addressed to the Lieutenant-Governor, by Mr. C. B. Bagster, writing from Vineland, New Jersey. Mr. Bagster expresses the desire to obtain from the Dominion Government, represented by your Department, the lease of two lagoons connected with Parry Bay, near Victoria, with the view of introducing and propagating there lobsters which he proposes to introduce from the east. Under date 19th September, I apprised the Department of Mr. Bagster's application, and I wrote to that gentleman, giving him such information as I possessed, and referring him to the Department for further proceedings. The introduction of the lobster into our waters, if successfully prosecuted, would doubtless be a boon, as indeed that of certain of the more valuable of the deep-sea and anadromous fishes of the east. This subject was discussed in the Local Legislature during the Session which has just been concluded, and it is possible that at some period not very remote, the Dominion Government may take the question into their serious consideration. Meanwhile, it is encouraging to know that the shad, introduced some years ago by the Fisheries Department at Washington, to the waters of California, have multiplied and are gradually spreading northward. Several were caught during the past autumn, in the neighbourhood of Esquimalt, and it is anticipated that, with the coming season, they will be fairly numerous around us. Other valuable fishes, too, have been imported into the Pacific waters through the enlightened and energetic action of the Fisheries Bureau at Washington, supervised by Professor Baird. Among these, I believe, is the striped bass, reported to be a very desirable addition to the western sea riches, with others, including the eel, all more or less coveted. It is possible that, as with the shad, we may in time enjoy a share of the results of our neighbour's enterprise; but from a national point of view, and in view, too, of the enormous fishery interests that are securely developing in this Province, it seems scarcely just that on our neighbour alone should rest the whole onus and outlay in this direction, of which, when success attends, the benefit is mutual.

32. As instructed, I engaged, in October last, Mr. Thomas Mowat, to choose a site on the Lower Fraser for the erection of a fish hatchery. The site has been duly selected at a point some four miles above New Westminster, on the opposite shore, where Messrs. B. Haigh & Sons have a cannery. These gentlemen have presented a tract of about an acre for the erection of the necessary building and adjuncts; and so far as I apprehend the subject, the selection appears to me to have been judicious. Tenders were called for under your instructions, and the accepted contractor, approved by you, Mr. J. J. Moore, will commence operations so soon as the present interval of inclement weather shall have terminated. With regard to this hatchery question I must again ask reference, should the question of success ever hereafter arise, to the substance of the remarks contained in several of my previous reports. Meanwhile I have confidence in the efficiency of the contemplated operations, since Mr. Mowat, the present Superintendent, has had much experience in the hatchery at Mistigouche, and is both intelligent and painstaking. It will be necessary, however, that the young salmon, after attaining a certain size (probably in six or eight weeks after being hatched), be distributed among the streams and spawning grounds higher up the Fraser. The railway, however, complete for a certain distance and constantly advancing, will afford every facility for this, and the attendant outlay will be small.

33. In paragraph 18 of my Report of last year, I drew, passingly, attention to the troubles which, through deplorable ecclesiastical animosity, had arisen at the native settlement of Methlakatla, near our extreme northern coast boundary. Regarding the continued existence of these troubles—or rather their re-uscitation, for the original troubles had been to some extent composed by the decided action taken

by myself, as a magistrate, in conjunction with Indian Superintendent Powell, in January, 1883—you have been, from time to time, apprized by me, by telegram and letter. I regret to add that matters in that quarter are still in an equivocal position; and I respectfully suggest that, in a matter indirectly affecting in a serious degree the prospective interests of the Fishery Branch of your Department, you exercise your influence to bring the abnormal and deplorable condition of affairs referred to, to a prudent, satisfactory and firm conclusion.

34. In fine, I may sum up by saying, that while the general condition of affairs in British Columbia is very promising, the prospects of our fishing interests, to me necessarily the more specially important, are most encouraging; and I conclude by reiterating my conviction, that our Province, only now beginning to attract extended attention as a field of industry, will ere long take rank, especially for its fisheries, in advance, possibly, of any other Province of our Federation.

I have the honour to be, Sir,

Your obedient servant,

ALEX. C. ANDERSON,

Inspector of Fisheries for British Columbia.

ERRATA.—Page 191, paragraph 6. Instead of 5,195 skins, read 9,195; instead of 12,505 skins, read 8,505; instead of \$125,050, read \$85,050.

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 30 cts. per fish.	Salmon, in cans, cases of 48 lbs. each.	Salmon, smoked, value.	Sturgeon, lbs., at 6 cts.	Haddock, &c., value.	Halibut, fresh, in ice, value.	Herring, barrels, at \$8 per barrel, and \$2.75 per kit.
Fraser River—					\$		\$	\$	
New Westminster..	Ewen & Co.	8		10438		1500			
Lulu Island	English & Co.			10401		1000			
New Westminster..	British Columbia Packing Co.			5250		1560			
Coquallam	Haigh & Sons.....	64		9630		1200			
Ladner's Landing..	Delta Canning Co.			11735		1300			
Sapperton	James Laidlaw	60		11440		1200			
Canoe Pass.....	British American Packing Co.....			4600		400			
do	Thomas Ladner & Co., Wellington Cannery					1400			
do	British Union Packing Co.....			10055		500			
do	E. A. Wadham			11856		600			
Dease Island.....	Findlay, Durham & Brodie.....			4926		900			
North Arm, F. R. ...	Richmond Canning Co.....	46		9200					
do	S. J. Pitts & Co.	200							
New Westminster	P. Herring	15	14000			12000	5500		
do	W. Vienna		5000			3000			
do	J. Taffendale		13200			11400	5600		
do	J. Ibbotson.....		10500		500	1000			
Coal Harbour	Spratts' Oil Factory								
Residents about N. W.	For Home Consumption.....	350	56000			5000			
Burrard's Inlet and other places	do do		3500				6000		
Skeena River	Skeena River Co.	1000		7000					
do	Windsor Canning Co	30		7304					
do	Inverness Cannery.....	140		7480					
do	Balmoral do	50		4173					
do	Methlakatla do	152		6871		and 180 cases of Clams at \$6 per			
do	British American Packing Co.....	130		5200					
Smith's Inlet.....	Quashela Packing Co.....			11000					
Alert Bay	Thomas Earle & Co.	350		6400					
Rivers' Inlet.....	Victoria Packing Co.	1200							
do	Rivers' Inlet Packing Co	120		10780					
do	Helgesen & Co	25							
Nass River.....	Douglas Packing Co.	150		9400					
do	H. E. Crossdale			10983					
do	James Gray	160			915				
do	Cooper & Donahue		7974						
Bilhoola	John McDonell	147							
Dean's Canal	John Clayton.....	300							
Queen Charlotte Island	Skidegate Oil Co.								
Floating Cannery ..	Joseph Spratt			4000					

in the Province of British Columbia, for the Year 1883.

Cts	Smoked Herring, value.			No. of Seal-Skins (Hair Seals) at 50 cts.	No. of Seal-Skins, at \$10 per skin.	No. of Seal-Skins (Hair Seals) at 50 cts.	No. of Sea Otter Skins, at \$50.	OILS.		Herring, Dried Scrap, tons, at \$16.	WHERE MARKETED.
	Assorted Fish, barrels, at \$7 per barrel, and 6 cts. per lb.	Trout, lbs., at 7 cts.	Ooláhans, fresh, lbs., at 6 cts.					Ooláhans, salted, barrels, at \$8 per barrel, half-barrels, \$4.25, kits, \$3.	Ooláhans, smoked, boxes, at \$1 per box.			Ooláhan Oil, gallons, at $1.	Dogfish Oil, refined, gallons, at 55 cts.	Herring Oil, gallons, at 40 cts. Salmon Oil.
500	lbs. 4500	2200	5000								Canned Salmon to England, Canada and Australia. Sturgeon, &c, fresh, for home consumption.
	lbs. 4000	2100									
	lbs. 6000	21000	6000						15200	20	{ Oil to London and local use. Dried Scrap, local sale. Home consumption, chiefly.
	do 11000	4000	3000		550						do England, Canada, &c do do do
Cts											Clams, for home consumption.
											England, Canada, &c do do do do do do
					2500			600			
								500			
									40000		Portland (O) and local sales.
									9000		London and local sales.

RETURN showing the Kinds, Quantities and Prices of Fish in

	Salmon, barrels, cured, at \$8 per barrel.	Salmon, fresh, No., at 30 cts per fish.	Salmon, in cans, cases of 48 lbs. each.	Salmon, smoked, value.	Sturgeon, lbs., at 6 cts.	Haddock, &c., value.	Halibut, fresh, in ice, value.	Herring, barrels, at \$8 per barrel, and \$2.75 per kit.
Halibut, fresh (in ice, to San Francisco), &c.....				\$		\$	\$ 1500	{ b 36 k 150 }
Residents of Victoria and Nanaimo, and the Coast of British Columbia, for home consumption and exportation				54500	25000	10800		
Totals	4717	110174	196292	55915	68960	27900	1500	{ b 36 k 150 }

ADD—Estimated sales of Fish in markets	\$105,000 00
Amount of Fish cured for private consumption	6,000 00
Salmon, Haddock, &c.—Estimated consumption by Chinese laborers, and others, on railway.....	48,000 00
Total	<u><u>\$159,000 00</u></u>

the Province of British Columbia, for the Year 1883—*Concluded.*

Smoked Herring, value.																				WHERE MARKETED.	
	Assorted Fish, barrels, at \$7 per barrel, and 6 cts. per lb.																				
	Trout, lbs., at 7 cts.																				
	Ooláhans, fresh, lbs., at 6 cts.																				
	Ooláhans, salted, barrels, at \$8 per barrel, half-barrels, \$4.25, kits, \$3.																				
	Ooláhans, smoked, boxes, at \$1 per box.																				
	No. of Fur Seal-Skins, at \$10 per skin.																				
	No. of Seal-Skins (Hair Seals) at 50 cts.																				
	No. of Sea Otter Skins, at \$50.																				
	Ooláhan Oils, gallons, at \$1.																				
	Dogfish Oil, refined, gallons, at 55 cts.																				
	Herring Oil, gallons, at 40 cts. Salmon Oil.																				
	Herring, Dried Scrap, tons, at \$15.																				
4500	b. 150	35000	16000			1000	*9195	*2900	*98												* Furs exported to London.
5000	b. 150 lbs. 25500	64300	30000			4050	9195	2900	96	1100	40000	24200	20								

180 cases of Clams, 48 one-pound cases, at \$6 per case.

ALEX. C. ANDERSON,
Inspector of Fisheries, B.C.

Value of licensed boats, &c., used in fishing for sale of canneries	1280	128	64	12880	4000	5700	2850	64	12880	4000	5700	2850
Coal Harbour	250	8	4	250	8	4	250	8	250	8	4	250
Skeena River	250	10	5	250	10	5	250	10	250	10	5	250
do	400	20	10	400	20	10	400	20	400	20	10	400
do	1600	80	40	1600	80	40	1600	80	1600	80	40	1600
do	1050	1	30	1050	1	30	1050	1	1050	1	30	1050
do	750	30	15	750	30	15	750	30	750	30	15	750
do	1000	1	25	1000	1	25	1000	1	1000	1	25	1000
Rivers' Inlet	325	28	7	325	28	7	325	28	325	28	7	325
do	400	1	10	400	1	10	400	1	400	1	10	400
do	40	5	1	40	5	1	40	5	40	5	1	40
do	250	12	6	250	12	6	250	12	250	12	6	250
do	300	12	6	300	12	6	300	12	300	12	6	300
do	840	88	44	840	88	44	840	88	840	88	44	840
do	260	8	4	260	8	4	260	8	260	8	4	260
do	200	6	3	200	6	3	200	6	200	6	3	200
do	800	32	16	800	32	16	800	32	800	32	16	800
do	120	4	2	120	4	2	120	4	120	4	2	120
do	200	8	4	200	8	4	200	8	200	8	4	200
do	440	10	5	440	10	5	440	10	440	10	5	440
do	300	20	10	300	20	10	300	20	300	20	10	300
do	1000	10	5	1000	10	5	1000	10	1000	10	5	1000
do	15000	300	150	15000	300	150	15000	300	15000	300	150	15000
do	6780	2136	1068	6780	2136	1068	6780	2136	6780	2136	1068	6780
do	42425	\$296	1198	42425	\$296	1198	42425	\$296	42425	\$296	1198	42425
do	2934	2934	1072	2934	2934	1072	2934	2934	2934	2934	1072	2934
Total Steamers	67050	814	70	67050	814	70	67050	814	67050	814	70	67050
do Schooners	12	11	12	12	11	12	12	11	12	11	12	12

* Schooners. † Steamers. ‡ Sloop. § Hunters.

ALEX. C. ANDERSON,
Inspector of Fisheries, B.C.

NUMBER and Value of Vessels and Nets engaged in the different Fisheries of the Province of British Columbia, during the Year 1883.

12	Steamers and steam auxiliaries, from 3 to 96 tons... }	814 tons.		\$ 67,050 00
11	Schooners, from 5 to 80 tons.....			
874	Fishing Boats.....			42,425 00
198	Cedar Canoes.....			6,780 00
66	Flat Boats.....			122,535 00
1,035	Salmon Nets = 300,000 yards.....			4,980 00
39	Herring Seines.....			2,500 00
5	do Nets = 700 yards.....			6,900 00
78	Fish Seines = 6,800 yards.....			75 00
3	Ooláhan Nets.....			
				\$253,245 00
23	Salmon Canneries, estimated value.....	\$409,000		
1	Oil Factory, Skidegate, Queen Charlotte Island.	10,000		
1	Oil and Scrap Factory, Burrard Inlet.....	25,000		
1	Floating Cannery and Oil Factory.....	60,000		
	Various Salting Stations.....	11,000		
				515,000 00
				\$768,245 00


Sailors.....	70	
Fishermen.....	2,638	} 2,934
Native Hunters (with sailing fleet)	296	
Shoremen		2,136

ALEX. C. ANDERSON,
Inspector of Fisheries, B.C.

RECAPITULATION.

YIELD and Value of the different Fisheries in the Province of British Columbia, in the Year 1883.

Kinds.	Quantities.	Value.	
		\$	cts.
Salmon, salted.....	Brls. 4,717	42,453	00
do fresh.....	No. 110,174	33,052	20
do canned, cases 4 dozen 1 lb. cans.....	196,292	1,073,606	00
do smoked.....	Lbs. 399,393	55,915	02
Sturgeon, fresh.....	do 68,960	4,137	60
Halibut do in ice, to San Francisco.....	.....	1,500	00
Whiting do.....	Lbs. 25,000	1,530	00
Haddock do.....	.....	27,900	00
Herring, salted.....	Brls. 36	288	00
do do.....	Kitts. 150	637	50
do smoked.....	.....	5,000	00
Fish, fresh, assorted.....	Lbs. 25,500	1,530	00
do salted do.....	Brls. 150	900	00
Trout, fresh.....	Lbs. 64,300	4,501	00
Ooláhans, fresh.....	do 30,000	1,800	00
do salted.....	Brls. 150	1,200	00
do do.....	Half-barrels. 50	212	50
do do.....	Kitts. 35	105	00
do smoked.....	Boxes. 4,050	4,050	00
Fur, Seal Skins.....	No. 9,195	91,950	00
Hair do.....	do 2,900	1,450	00
Sea Otter Skins.....	do 96	4,800	00
Oil—Ooláhan.....	Galls. 1,100	1,100	00
do Dog-fish, refined.....	do 40,000	22,000	00
do do Porpoise, &c.....	do 217,419	86,967	60
do Herring and Salmon.....	do 24,200	9,680	00
Fish-scrap, dried.....	Tons. 20	300	00
Clams, canned, cases 4 dozen 1 lb. cans.....	.....	1,080	00
Fish sold in markets.....	.....	105,000	00
Cured for private consumption (approximate).....	.....	6,000	00
Salmon and other fish; estimated consumption by Chinese and other labourers in the Canadian Pacific Railway employ, not specially recorded.....	.....	48,000	00
Total.....	.....	1,644,645	42
Estimated consumption by the 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
Grand Total of Approximate Yield, 1883.....	.....	6,529,645	42

Comparative statement of Yield of the Years 1882 and 1883, exclusive of Indian consumption: 

Total, 1883.....	\$1,644,645 42
do 1882.....	1,842,675 05
Decrease, 1883.....	\$198,029 63

ALEX. C. ANDERSON,
Inspector of Fisheries, B.C.

No.

ONTA

RETURN of the Number and Value of Nets, together with the Yield

STATION.	NETS, THEIR NUMBER, SIZE, VALUE,								
	Gill Nets.			Seines.			Pound Nets.		
	No.	Rods.	Value.	No.	Rods.	Value.	No.	Rods.	Value.
<i>Lake Superior Division.</i>									
Thunder Bay	15	4050	1800						
Welcome Islands	5	1400	650						
Point Porphery	8	1800	900						
Roche Debout	9	1700	950						
Salter's Island	7	1000	500						
Simpson and St. Ignace Islands	29	4200	2400						
Black and Nepigon Bays	6	800	400				2		1000
Michipicoten Island		2000	223						
Lizard Island		19100	1202						
Namainse		4500	495						
Mica Bay		1100	120						
Grand Sable		32000	2240						
Grand Batture		20000	2000				6		2400
For home consumption									
Totals	77	84650	13880				8		3400
<i>Manitoulin Island Division.</i>									
Ducks Islands	1200	38400	12000				9	540	4500
Providence Bay	150	5400	1500						
Green Island	40	1440	400				5	150	2500
Cockburn Island	800	24000	8000				20	600	10000
For home consumption									
Totals	2190	69240	21900				34	1290	17000

8.

RIO.

and Value of Fish in the Province of Ontario, for the Year 1883.

No.		KINDS AND QUANTITIES OF FISH.										TOTAL VALUE.			
Value.		Whitefish, brls.	Whitefish, lbs.	Trout, brls.	Trout, lbs.	Herring, brls.	Mackinonge, lbs.	Bass, lbs.	Pickarel, lbs.	Pike, lbs.	Sturgeon, lbs.	Coarse Fish, brls.	Fish used for local consumption, lbs.	\$	cts.
			75000		109000										
			18000		35000										
			17000		90000										
		35	10000	90	30000										
		55		160											
		383		655	20000										
		80	16000	164	90000				38200						
		141		175											
		503	133000		133000										
				253	15771										
				50	19626										
		265	3400	63											
			70600		40060				30000		30000	50			
													200000		
		1467	342400	1610	582397				68000		30000	50	200000		116,533 76
			250000		600000				40000		70000				73,900 00
			2000		60000										4,960 00
			40000		80000				58000		18000				13,980 00
			261792		228225				219489		3200				52,530 76
													45000		2,250 00
			553792		968225				317489		191200		45000		147,620 70

RETURN of the Number and Value

STATION.	NETS, THEIR NUMBER, SIZE, VALUE.								
	Gill Nets.			Seins.			Pounds Nets.		
	No.	Rods.	Value.	No.	Rods.	Value.	No.	Rods.	Value.
<i>Georgian Bay Division.</i>			\$			\$			\$
Killarney	1184	78035	21272	1	40	190	5	135	1879
Byng Inlet	154	15400	6635						
Sandy Island	24	2510	710				6	410	2300
Mink Island	45	4087	1125						
Club Island	57	5700	1567						
Horse Island	160	8725	2400						
Midland and Penetanguishene Stations, from Point Cockburn to Moose Deer Point	466	8180	1780	1	50	100	1	50	200
Meaford and Thornbury	42	7100	460						
Cape Rich	12	1750	1130						
Vail's Point	10	1550	1645						
Owen Sound	18	2500	1680						
Colpoys' Bay and Wiaraton	11	1800	1650				2	200	1000
Lion's Head	4	475	600						
Inland Waters of Parry Sound District. (Estimate)									
For local consumption									
Totals	2187	137812	46780	2	90	290	14	795	5379

of Nets, &c.—Ontario—Continued.

&c.		KINDS AND QUANTITIES OF FISH.										TOTAL VALUE		
Hoop Nets.		Whitefish, brls.	Whitefish, lbs.	Trout, brls.	Trout, lbs.	Herring, brls.	Maskinonge, lbs.	Bas, lbs.	Pickereel, lbs.	Pike, lbs.	Sturgeon, brls.		Coarse Fish, brls.	Fish used for local consumption, brls.
No.	Value.													
	\$													
													\$ cts.	
.....	253	510700	490	453400	.....	.....	.....	.....	35800	20800	4800	.....	106,946 00
.....	219200	150	68400	.....	.....	.....	.....	.....	.....	.....	.....	24,508 00
.....	75800	.....	34200	.....	.....	.....	.....	103000	.....	.....	.....	14,980 00
.....	63000	.....	21000	.....	.....	.....	.....	.....	.....	.....	.....	6,651 00
.....	133200	.....	133200	.....	.....	.....	.....	.....	.....	.....	.....	21,312 00
.....	110000	.....	.....	.....	.....	.....	.....	.....	.....	880 00
6	60	.....	32700	.....	23200	137	.....	.....	15700	25950	.....	46	.....	7,673 00
.....	63	.....	840	168000	.....	.....	.....	.....	.....	.....	11	300	22,514 00
.....	5	.....	300	129000	.....	.....	.....	.....	.....	.....	.....	.....	13,370 00
.....	8	.....	210	49000	.....	.....	.....	.....	.....	.....	6	.....	6,124 00
.....	6	.....	200	80000	.....	.....	.....	.....	.....	.....	4	400	8,476 00
.....	60	.....	.....	182000	.....	.....	.....	.....	2000	6000	50	100	16,860 00
.....	140	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,400 00
.....	1000	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	164 00
.....	800	3,200 00
6	60	395	1035600	2330	1351400	137	.....	.....	15700	184750	26800	4923	.....	253,997 00

RETURN of the Number and Value

STATIONS.	NETS, THEIR NUMBER, SIZE, VALUE, &c.								
	Gill Nets.			Seines.			Pound Nets.		
	No.	Rods.	Value.	No.	Rods.	Value.	No.	Rods.	Value.
<i>Lake Huron Division.</i>									
Saugeen River.....			\$			\$			\$
Southampton.....	1000		9800						
Kincardine.....	408		3960						
Sable Beach.....				6		1100			
Burk Island.....									
Goderich.....	645	13404	5650						
Bayfield.....	225	4910	2150						
Bosanquet.....				10	660	1800	5	425	1450
Lake View.....	270	2800	1580						
Lake Shore.....				9	550	1260		1800	40
Military Reserve.....				1	60	50			
Port Edward.....				3	36	209			
Sarnia Bay.....				1	12	80			
Indian Reserve.....				6	81	245			
Moore.....				4	59	220			
Sombra.....				4	80	400			
Totals.....	2546	21114	23140	44	1538	5155	5	2225	1490
<i>Lake St. Clair and Thames River Division.</i>									
Mitchell's Bay.....				7	2135	755			
Sydenham River.....				1	6	25			
Thames River.....	25	298	1210						
Stony Point.....				4	241	667			
Totals.....	25	298	1210	12	2382	1447			
<i>Detroit River Division.</i>									
Detroit River.....				17	215	980			

of Nets, &c., Ontario—Continued.

KINDS AND QUANTITIES OF FISH.												Total Value.					
No.	Hoop Nets.	Value.	Whitefish, brls.	Whitefish, lbs.	Trout, lbs.	Herring, brls.	Maskinonge, lbs.	Bass, lbs.	Pickereel, lbs.	Pike, lbs.	Sturgeon, lbs.	Coarse Fish, brls.	Fish used for local consumption, brls.		\$	cts.	
					60000												4,800 00
				77000	148000												18,000 00
				34000	49000												6,640 00
						712											3,560 00
						160											800 00
				253000	126000									420			30,320 00
				102000	56000		125							350			13,265 00
				152000		235		13800	39600		33200			1419			18,199 00
					6000	390								420			2,430 00
				2000	98000												8,000 00
						240											1,200 00
						1000			115600		25000						13,186 00
						225			4000	400							1,385 00
						460			24000		1000						3,790 00
						575											2,875 00
						100			105000								6,800 00
				620000	543000	4222		13800	288200	400	59200						135,250 00
								82000		48800		479	144				9,276 00
2	8						600		2000		200	48					358 00
				20000	57000	462		3800	81600	1400		511	23				15,708 00
									5200			46					496 00
														374			1,496 00
2	8			20000	57000	462	600	85800	88800	50200	200	1084	374				27,334 00
				62500		405	70	4050	22200	1000	12800	310					11,573 20

RETURN of the Number and Value

STATION.	NETS, THEIR NUMBER, SIZE, VALUE, &c.								
	Gill Nets.			Seines.			Pound Nets.		
	No.	Rods.	Value.	No.	Rods.	Value.	No.	Rods.	Value.
<i>Lake Erie Division.</i>					\$				\$
Point Pelée (mainland).....							30	1745	6060
do (Island).....							26		4270
From Romney to Oxford.....				2	18	130	13		2790
Tyrconnel.....							1		300
Port Stanley.....				2	35	90	11		3300
Port Bruce.....				3	80	175	2		600
Port Burwell.....				1	25	40			
Eagle Village.....							7		2200
Houghton.....									
Port Royal.....				3	145	255			
Turkey Point.....				6	344	680			
Normandale.....				1	55	75			
Port Dover.....							5	250	1500
Nanticoke.....							3	210	1300
Sandusk Creek.....							2	130	560
Hoover's and Miller's Bay.....							2	160	960
Grand River.....				8	131	400			
do upwards (angling).....									
Moulton Bay.....				2	100	200			
do to Windmill (angling).....									
Totals.....				28	933	2045	101	2495	23940

of Nets, &c.—Ontario—Continued.

Hoop Nets.		KINDS AND QUANTITIES OF FISH.										TOTAL VALUE			
No.	Value.	Whitefish, brls.	Whitefish, lbs.	Trout, brls.	Trout, lbs.	Herring, brls.	Maskinonge, lbs.	Bass, lbs.	Pickarel, lbs.	Pike, lbs.	Sturgeon, lbs.	Coarse Fish, brls.	Fish used for local consumption, lbs.	\$	cts.
.....	49244	.....	.....	7940	.....	24840	34214	.....	69130	.....	.....	50,559	26
.....	62884	.....	.....	1437	.....	.....	.....	.....	18200	326	.....	14,429	72
.....	15400	.....	.....	763	.....	1000	36000	.....	61800	.....	.....	10,359	00
.....	6000	.....	.....	.....	.....	.....	.....	.....	.....	55	.....	700	00
.....	31000	.....	.....	.....	.....	.....	.....	.....	.....	1940	.....	10,240	00
.....	3800	.....	.....	.....	.....	.....	.....	.....	.....	693	.....	3,076	00
.....	15	.....	60	00
.....	29500	.....	.....	.....	.....	.....	.....	.....	.....	212	.....	3,208	00
9	36	.....	.....	.....	.....	.....	.....	1000	1600	1400	2000	54	.....	540	00
.....	3	.....	1000	7400	1600	6000	21	.....	983	00
.....	70	.....	4000	21400	10800	.....	49	.....	2,610	00
.....	10	.....	.....	2800	1400	.....	10	.....	316	00
.....	8000	.....	.....	254	.....	.....	10800	.....	8000	1	.....	2,952	00
.....	12800	.....	.....	200	600	.....	16800	.....	8000	.....	.....	3,465	00
.....	200	.....	400	10000	.....	14400	3	.....	2,356	00
.....	3200	.....	.....	150	1000	.....	14200	.....	32000	3	.....	3,530	00
6	30	.....	.....	.....	.....	18	1200	8200	17600	12400	3000	229	.....	3,596	00
.....	4000	4000	3200	.....	25	.....	740	00
.....	800	.....	.....	18	.....	1000	1900	.....	.....	6	.....	348	00
.....	68000	10000	.....	.....	.....	.....	4,589	00
15	66	.....	221628	.....	.....	11061	2800	111440	188414	30800	222530	3642	.....	118,428	98

RETURN of the Number and Value

STATION.	NETS, THEIR NUMBER, SIZE, VALUE, &C.										
	Gill Nets.			Seines.			Pound Nets.			Hoop Nets.	
	No.	Rods.	Value.	No.	Rods.	Value.	No.	Rods.	Value.	No.	Value.
<i>Niagara River and Lake Ontario.</i>											
Port Colborne.....	3	150	56	.....	.....	.....	.....	.....	.....	.....	.....
Point Abino.....	.....	.....	.....	1	40	30	.....	.....	.....	.....	.....
Humberstone.....	3	150	48	3	60	80	.....	.....	.....	.....	.....
Bertie.....	.....	.....	.....	3	135	265	.....	.....	.....	.....	.....
Fort Erie.....	.....	.....	.....	2	80	180	.....	.....	.....	.....	.....
Queenston.....	.....	.....	.....	3	210	300	.....	.....	.....	.....	.....
Niagara.....	.....	.....	.....	3	140	310	.....	.....	.....	.....	.....
Two Mile Pond.....	4	940	300	2	120	240	.....	.....	.....	.....	.....
Four Mile Pond.....	4	920	370	7	404	850	.....	.....	.....	.....	.....
Grantham.....	2	210	108	2	40	100	.....	.....	.....	.....	.....
Port Dalhousie.....	5	800	240	1	50	100	.....	.....	.....	.....	.....
Sixteen Mile Pond.....	1	40	24	1	40	40	.....	.....	.....	.....	.....
Twenty Mile Pond.....	2	140	60	1	40	120	1	50	300	.....	.....
Clinton.....	4	500	160	1	20	30	.....	.....	.....	.....	.....
Grimsby.....	2	550	180	1	20	50	.....	.....	.....	.....	.....
Winona.....	6	1300	390	.....	.....	.....	.....	.....	.....	.....	.....
Burlington Beach and Bay.....	34	4320	1532	4	274	410	.....	.....	.....	.....	.....
Twelve and Sixteen Mile Creek.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
River Credit.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bronte.....	18	6400	2160	.....	.....	.....	.....	.....	.....	.....	.....
Port Credit.....	1	80	30	.....	.....	.....	.....	.....	.....	.....	.....
Toronto Island and Bay.....	3	730	20	.....	.....	.....	.....	.....	.....	.....	.....
The Humber.....	2	127	130	2	80	300	.....	.....	.....	.....	.....
Port Union and Leslieville.....	2	232	90	.....	.....	.....	.....	.....	.....	.....	.....
Frenchman's Bay.....	8	450	130	3	120	240	1	80	600	.....	.....
Whitby.....	1	25	20	.....	.....	.....	.....	.....	.....	4	80
Bowmanville.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Port Hope.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cobourg.....	12	6200	1240	8	195	500	.....	.....	.....	33	396
Colborne.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brighton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trent River, including Rice Lake (anglin permits).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	117	24264	7288	49	2068	4155	2	130	900	37	476

of Nets, &c.—Ontario—Continued.

KINDS AND QUANTITIES OF FISH.										TOTAL VALUE.
Whitefish, brls.	Whitefish, lbs.	Trout, lbs.	Herring, brls.	Maskinonge, lbs.	Bass, lbs.	Pike, lbs.	Pickereel, lbs.	Sturgeon, lbs.	Coarse Fish, brls.		$ cts.
.....	.....	.....	10	.....	.....	.....	.....	.....	.....	50 00
.....	.....	.....	3	.....	.....	.....	400	.....	2	47 00
.....	.....	.....	16	.....	600	.....	1400	.....	9	236 00
.....	.....	.....	59	.....	1200	.....	4600	.....	14	699 00
.....	200	.....	128	.....	400	.....	8000	.....	6	1174 00
.....	.....	.....	142	.....	3800	.....	8400	800	3	1606 00
.....	3200	.....	28	.....	20000	.....	.....	32600	4	3242 00
.....	1600	.....	25	.....	.....	.....	3800	19000	.....	1431 00
.....	6800	.....	18	.....	.....	.....	600	12000	7	1298 00
.....	.....	.....	6	.....	.....	.....	800	.....	14	134 00
.....	.....	.....	10	.....	400	400	1200	.....	14	222 00
.....	100	.....	.....	.....	.....	.....	.....	.....	4	24 00
.....	400	.....	22	.....	2000	4000	.....	4000	20	742 00
.....	.....	.....	17	.....	.....	4000	.....	.....	6	309 00
.....	3000	.....	2	.....	.....	.....	.....	.....	5	270 00
.....	3000	.....	60	.....	.....	.....	.....	.....	.....	540 00
.....	1000	.....	343	.....	12600	33600	.....	.....	26	4335 00
.....	.....	6000	.....	.....	.....	.....	.....	.....	50	200 00
.....	.....	.....	1201	.....	.....	.....	.....	.....	60	720 00
.....	.....	.....	.....	.....	.....	800	.....	.....	.....	6005 00
.....	.....	7000	.....	.....	.....	.....	.....	.....	.....	40 00
.....	.....	.....	15	.....	.....	.....	.....	1200	1	624 00
.....	.....	.....	6	.....	400	1400	.....	.....	370	1555 00
.....	4800	.....	7	.....	600	4000	.....	.....	5	124 00
.....	.....	.....	.....	.....	.....	2400	.....	.....	.....	675 00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	120 00
.....	10000	100000	.....	150000	100000	.....	.....	.....	750	26900 00
.....	.....	.....	.....	40000	40000	20300	40000	.....	300	9400 00
.....	34100	113000	2116	190000	182000	70600	69200	69600	1698	62622 00

RETURN of the Number and Value

STATION.	NETS, THEIR NUMBER, SIZE, VALUE, & C.								
	Gill Nets.			Seines.			Pound Nets.		
	No.	Rods.	Value.	No.	Rods.	Value.	No.	Rods.	Value.
<i>Prince Edward County and Bay of Quinté Division.</i>			\$		\$				\$
Weller's Beach to Spencer's Point.....		2500	1000						
Wellington Beach and East and West Lakes...		3000	1200						
Salmon Point, South Bay, Long Point, False Ducks and Main Ducks.....		4000	1600	8	1200	1300			
Black River, Smith's Bay, and Bay of Quinté.		4000	1600						
Sophiasburg				4	240	600			
Big Bay	4	400	425						
Ameliasburg and Zwick Island.....				4	240	700			
Point Ann.....				4	240	550			
Tyendenaga				3	180	350			
Belleville									
Trenton									
Shannonville									
Mill Point.....									
North Port.....									
Totals.....	4	13900	5825	23	2100	3600			
<i>Lennox, Addington and Frontenac Division.</i>									
Napanee River and Amherst Island	41	820	315	3	17	45			
Inland Waters of Lennox and Addington	18	500	210						
do Frontenac.....	66	1334	359						
Totals.....	125	2654	883	3	17	45			

of Nets, &c., Ontario—Continued.

Hoop Nets.		KINDS AND QUANTITIES OF FISH.									TOTAL VALUE.
No.	Value.	Whitefish, bris.	Whitefish, lbs.	Trout, lbs.	Herring, bris.	Bass, lbs.	Pickereel, lbs.	Pike, lbs.	Coarse Fish, bris.	Fish used for local consumption.	\$
12	72	.....	10000	72000	.....	.....	.....	30000	150	.....	8,660 00
30	180	.....	.....	65000	.....	.....	.....	60000	300	.....	9,400 00
12	72	.....	20000	40000	.....	.....	15000	36000	150	.....	8,100 00
.....	.....	.....	6000	6000	.....	3000	5000	14000	.....	.....	2,140 00
.....	.....	.....	11400	.....	125	5200	26600	10600	72	.....	4,263 00
.....	.....	.....	3200	.....	123	1000	2200	2000	20	.....	1,243 00
.....	.....	.....	6000	.....	26	4000	6000	4600	35	.....	1,580 00
.....	.....	.....	3200	.....	35	7400	16200	13600	185	.....	3,267 00
.....	.....	.....	2400	.....	32	3200	5200	4600	52	.....	1,294 00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,000 00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,800 00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,600 00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,200 00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	960 00
54	324	.....	62200	183000	341	23800	76200	175400	964	.....	62,507 00
27	637	.....	32500	.....	.....	200	20350	15400	330	.....	5,923 00
2	16	.....	200	8500	43	.....	.....	.....	5	.....	931 00
3	46	.....	1700	8600	184	.....	.....	3400	15	.....	1,714 00
32	699	.....	34400	15100	207	200	20350	18800	350	.....	8,568 00

RETURN of the Number and Value

STATION.	NETS, THEIR NUMBER, SIZE, VALUE, &c.										
	Gill Nets			Seines.			Pound Nets.			Hoop Nets.	
	No.	Rods.	Value.	No.	Rods.	Value.	No.	Rods.	Value.	No.	Value.
<i>Wolfe Island and Kingston Division.</i>											
Pigeon Island.....	80	800	320								
Barrett and Reed's Bay	25	250	100							4	60
Button Bay.....										10	150
Big Bay	20	200	80							10	150
Howe Island										17	186
Kingston.....											
Storrington.....	3	120	30							39	390
Pittsburg											
Totals	128	1370	530							80	936
<i>Rideau Divis'on.</i>											
Rideau Lakes.....	40	1274	161							43	890
Smith's Falls.....											
Edmund's Rapids.....											
Kilmarnock											
Merrickville											
Burritt's Rapids											
Long Reach.....											
Narrows to Horse Shoe Bay.....	1	66	6							10	120
Totals	41	1340	167							53	1010

of Nets, &c., Ontario—Continued.

KINDS, QUANTITIES AND PRICES OF FISH.

Whitefish, brls.	Whitefish, lbs.	Trout, brls.	Trout, lbs.	Herring, brls.	Maskinonge, lbs.	Bass, lbs.	Pickerei, lbs.	Pike, lbs.	Sturgeon, lbs.	Coarse Fish, brls.	Fish used for Local Consumption, brls.	TOTAL VALUE.
												\$ cts.
	2400		20800			1000	1400		800		12	2,040 00
						600	1800	800	1000		13	274 00
											48	192 00
									1800		61	334 00
						600		5800			100	726 00
			200					3000			148	759 00
											58	290 00
	2400		21000			2200	3000	9600	3600		370	4,614 00
	2600		1400	73		4600	200	6000		227		2,181 00
						1600	400	1400		14		246 00
						1200	600	2000		10		248 00
						800	1200	1200		8		212 00
						800	400	1400		8		174 00
						1200	600	1000		10		198 00
					1000	2000	800	2400		10		388 00
	200		200							30		152 00
	2800		1600	73	1000	12200	4200	15400		317		3,799 00

RETURN of the Number and Value

STATION.	NETS, THEIR NUMBER, SIZE, VALUE, &c.										
	Gill Nets.			Seines.			Pound Nets.			Hoop Nets.	
	No.	Rods.	Value.	No.	Rods.	Value.	No.	Rods.	Value.	No.	Value.
<i>Prescott and Cornwall Division.....</i>			\$	1	22	40			\$		\$
<i>Carleton and Russell Counties Division.....</i>		50	50	10							
<i>Renfrew and Lanark Counties Division, including Madawaska and Bonnechère Rivers.....</i>	32	193	148								
<i>Mississippi River and Lake Division.....</i>											
<i>Charleston and Gananoque Lakes Division.....</i>										5	50
<i>Peterboro' and Victoria Counties Division.....</i>											
<i>Lake Simcoe Division.</i>											
<i>Scugog Lake and River.....</i>											
<i>Orillia.....</i>											
<i>Allandale.....</i>											
<i>Hawkstone.....</i>											
<i>Barrie.....</i>											
<i>Fox and other Islands.....</i>											
<i>Angling permits.....</i>											
Totals.....											
<i>Muskoka Division.....</i>	58	8500	1150								

of Nets, &c.—Ontario—Continued.

KINDS AND QUANTITIES OF FISH.

Whitefish, brls.	Whitefish, lbs.	Trout, lbs.	Herring, brls.	Maskinonge, lbs.	Bass, lbs.	Pickereel, lbs.	Pike, lbs.	Sturgeon, lbs.	Coarse Fish, brls.	TOTAL VALUR.
				2500	5000	5200	6000	48000	325	\$ cts. 4762 00
				5000	5000	6000	6000	10000	100	2160 00
	5700	10300		10400	12400	10000	23300	11400	225	5859 00
					4400	1800	26800		92	2080 00
		1800			3400		1200		125	908 00
	5000	21000	225	168400	127600	2000			255	22105 00
				230000	68000				400	19480 00
	400	2000	55		400					491 00
	15000	12000	12							2220 00
	200	2000			300					194 00
	20000	15000	15							2875 00
	15000	21000			5000					3180 00
	600	17100		10000	20000		24000	4000		4616 00
	51200	69100	82	10000	25700		24000	4000		13576 00
	20800	3537	83		2418	2470				3255 24

RECAPITULATION of the Number and Value of Nets, &c., together with the

STATION.	NETS, THEIR NUMBER, SIZE, VALUE, &c.										
	Gill Nets.			Seines.			Pounds Nets.			Hoop Nets.	
	No.	Rods.	Value.	No.	Rods.	Value.	No.	Rods.	Value.	No.	Value.
			\$			\$			\$		\$
Lake Superior Division	77	84650	13880	.....	.....	.....	8	.....	3400	.....	.....
Manitoulin Island Division	2190	69240	21900	.....	.....	.....	34	1290	17000	.....	.....
Georgian Bay	2187	137812	46789	2	90	290	14	795	5379	6	60
Lake Huron	2546	21114	23140	44	1538	5155	5	2225	1490	.....	.....
Lake St. Clair and Thames River	25	298	1210	12	2382	1447	.....	.....	.....	2	8
Detroit River .....	.....	.....	.....	17	215	980	.....	.....	.....	.....	.....
Lake Erie .....	.....	.....	.....	28	933	2045	101	2495	23840	15	66
Niagara and Lake Ontario	117	24264	7288	148	2068	4155	2	130	900	37	476
Prince Edward Co. and Bay of Quinté..	4	13900	5825	28	2100	3500	.....	.....	.....	54	324
Lennox, Addington and Frontenac Div- ision	125	2654	883	3	17	45	.....	.....	.....	32	699
Wolfe Island and Kingston Division . . .	128	1370	530	.....	.....	.....	.....	.....	.....	80	936
Rideau Division	41	1310	167	.....	.....	.....	.....	.....	.....	53	1010
Prescott and Cornwall Division .....	.....	.....	.....	1	22	40	.....	.....	.....	.....	.....
Carleton and Russell Counties Division.	.....	50	50	10	.....	.....	.....	.....	.....	.....	.....
Renfrew and Lanark Counties Division, including Madawaska and Bonnechère Rivers	32	193	146	.....	.....	.....	.....	.....	.....	.....	.....
Mississippi River and Lake Division. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charleston and Gananoque Lakes Div- ision .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	50
Peterboro' and Victoria Counties Div- ision .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lake Scugog and Simcoe Divisions .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Muskoka Division	58	8500	1150	.....	.....	.....	.....	.....	.....	.....	.....
Totals	7530	365385	122958	289	9865	24945	164	6935	52009	284	3629

Yield and Value of Fish in the Province of Ontario, for the year 1883.

KINDS, QUANTITIES AND VALUE OF FISH.											TOTAL VALUE.	
Whitefish, brls.	Whitefish, lbs.	Trout, brls.	Trout, lbs.	Herring, brls.	Maskinonge, lbs.	Bas, lbs.	Pickeral, lbs.	Pike, lbs.	Sturgeon, brls.	Coarse Fish, brls.		Fish used for local consumption, brls.
1487	342400	1610	582397	.....	.....	.....	68000	.....	30000	50	1000	\$ cts.
.....	553792	.....	988225	.....	.....	.....	317489	.....	91200	.....	225	116,533 76
395	1035600	2330	1351400	137	.....	.....	184750	15700	26800	4923	800	147,890 70
.....	620000	.....	543000	4222	.....	.....	13800	288200	400	59200	.....	258,927 00
.....	20000	.....	57000	452	800	8800	88500	50200	200	1084	374	135,250 00
.....	62500	.....	.....	405	720	4050	22200	1000	12800	.....	.....	27,834 00
.....	221628	.....	.....	11061	2800	111440	188414	30800	222530	3642	.....	11,573 20
.....	34100	.....	113000	2116	190000	182000	69200	70600	69600	1698	.....	118,428 00
.....	62209	.....	183000	341	.....	23800	76200	175400	.....	964	.....	62,622 00
.....	34400	.....	15100	207	.....	200	20350	18800	.....	350	.....	8,568 00
.....	2400	.....	21000	.....	.....	2200	3000	9600	3600	370	58	4,614 00
.....	2800	.....	1600	73	1000	12200	4200	15400	.....	317	.....	3,799 00
.....	.....	.....	.....	.....	2500	5000	5200	6000	48000	325	.....	4,762 00
.....	.....	.....	.....	.....	5000	5000	8000	8000	10000	100	.....	2,160 00
.....	5700	.....	10000	.....	10400	12400	10000	23300	11400	225	.....	5,859 00
.....	.....	.....	.....	.....	.....	4400	1800	26800	.....	92	.....	2,080 00
.....	.....	.....	1800	.....	.....	3400	.....	1200	.....	125	.....	908 00
.....	5000	.....	21000	225	168400	127600	2000	.....	.....	255	.....	23,105 00
.....	51200	.....	69100	82	240000	93700	.....	24000	4000	400	.....	33,056 00
.....	20800	.....	3537	83	.....	2418	12470	.....	.....	.....	.....	3,255 24
1862	3074520	3940	3941159	19414	621420	689408	1368273	475200	589330	15230	.....	1,027,032 88

RECAPITULATION

Of the Yield and Value of the Fisheries in the Province of Ontario, during the Year 1883.

Kinds of Fish.	Quantity.	Price.	Value.
		\$ cts.	\$ cts.
Whitefish.....	Brls. 1,862	10 00	18,620 00
do	Lbs. 3,074,520	0 08	245,961 60
Trout.....	Brls. 3,940	10 00	39,400 00
do	Lbs. 3,941,159	0 08	315,292 72
Herring.....	Brls. 19,414	5 00	97,070 00
Maskinongé.....	Lbs. 621,420	0 06	37,285 20
Bass.....	do 639,408	0 06	41,364 48
Pickarel.....	do 1,368,273	0 06	82,096 38
Pike.....	do 475,200	0 05	23,760 00
Sturgeon.....	do 589,330	0 05	29,466 50
Coarse Fish.....	Brls. 15,230	4 00	60,920 00
Fish for home consumption, not included in the above.....			35,796 00
Total Value for 1883.....			1,027,032 88
do 1882.....			825,457 02
Increase.....			201,575 86

SYNOPSIS OF FISHERY OVERSEERS' REPORTS IN THE PROVINCE
OF ONTARIO, FOR THE YEAR 1883.

LAKE SUPERIOR DIVISION.

JAMES DICKSON, }
JOSEPH WILSON, } *Overseers.*

COMPARATIVE Statement of the yield and value of the Fisheries in this Division

Kinds of Fish.	1880.	1881.	1882.	1883.
Whitefish	1,372	859	1,448	1,467
do fresh	80,400	359,144	123,972	342,400
Trout	1,564	988	1,698	1,610
do .....	.....	.....	107,700	582,397
Pickarel	159	55	lbs. 40,000	lbs. 68,000
Coarse Fish .....	.....	.....	.....	brls. 50
Fish used for local consumption	426	135	318½	" 1,000
Totals in barrels or lbs	3,923	3,832	lbs. 964,572	lbs. 1,948,197
Value	\$ 35,879	25,116	56,215 76	116,533 76

The statistics of this division show a considerable increase in the yield and value of whitefish and salmon-trout exported fresh: the catch of the former being given at 342,400 pounds in 1883, against 80,400 in 1880; an increase of 262,000 pounds, and of the latter 582,397 pounds in 1883, against 107,700 in 1882.

Overseer Dickson, who has charge of the upper division of Lake Superior, reports that, although more licenses were issued, fewer nets were used this year than in 1882, owing to the fact that some fishermen were unable to procure their nets in time, and that others secured more remunerative employment elsewhere. Pound net fishing did not justify expectations, possibly because the nets were set too late. Taking these disadvantages into consideration, the supply of fish is nevertheless on the increase, as the yield of salmon-trout and whitefish surpasses that of previous years. The profits of fishermen are also larger than formerly, owing to the facility with which they can dispose of their catch in a fresh state without incurring the expense of preserving. On the whole, Mr. Dickson considers the season's operations as satisfactory to fishermen employed during the whole time, while those who had not similar success will be better prepared next year.

Overseer Wilson has charge of the lower division of Lake Superior. He reports that, the quantity and quality of all kinds of fish in his division are improving, although the heavy and frequent gales which prevailed during the fall somewhat interfered with the catch. The close season was generally well observed on Lake Superior, where most of the fishermen leave before the 1st November; but between Spanish and Bruce Rivers the law was openly disregarded. The Overseer seized five nets in McBeth's Bay, and, moreover, came across four double pounds and three trap nets which he could not, however, remove for want of assistance. Some of these pounds are controlled by Americans, who have not the slightest respect for our laws. The permit system established on the Nepigon River, where trout are as plentiful as ever, continues to give general satisfaction. Sportsmen kill only the fish they can use on the spot; the others are liberated alive and uninjured. Forty-eight angling permits were issued to foreigners, realizing \$208. The largest trout weighed 6½ pounds.

MANITOULIN ISLAND DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.		1880.	1881.	1882.	1883.
				Lbs.	Lbs.
Whitefish	Brls.	241	125		
do	No.	190,900			
do	Lbs.	11,700	743,423	322,435	553,792
Trout	Brls.	2,352	2,000	648,630	968,225
Pickeral	"		150	529,466	317,489
Fish used for local consumption	"	330			45,000
Sturgeon	Lbs.			50,000	91,200
Totals in barrels or lbs.....		4,990	5,992	lbs. 1,550,531	lbs. 1,975,766
Value	\$	47,920	30,085	111,953 16	147,620 70

Overseer D. A. Cameron, whose district comprises the fishing grounds around Manitoulin, St. Joseph, Cockburn and Ducks' Islands, states that the catch of trout and whitefish is largely in excess of that of last year. Most of the fish caught in his division are exported fresh to United States markets.

GEORGIAN BAY DIVISION.

Collingwood to Killarney.
SAMUEL FRAZER, *Overseer*, Point Cockburn to Moose Deer Point.
GEO. S. MILLER, do Cape Hurd to Cape Rich.
GEO. R. STEELE, do Inland waters of Parry Sound District.

COMPARATIVE Statement of the yield and value of the Fisheries of this Division.

Kinds of Fish.		1880.	1881.	1882.	1883.
Whitefish	Brls.	1,527	1,435	744	395
do fresh	Lbs.			1,367,250	1,085,600
do	No.	486,700	561,550		
Trout	Brls.	1,657	1,826	1,575	2,330
do	Lbs.			278,060	1,351,400
Herring	Brls.	63	156	85	137
Bass	Lbs.			200	
Pickeral	Brls.	52	127	47,600	184,750
Pike	"		67	12,600	15,700
Sturgeon	"				26,800
Coarse Fish	"	108	35	262	4,925
Fish used for local consumption	"	785	1,000	620	600
Totals in barrels or lbs.....		9,059	10,261	lbs. 2,362,850	lbs. 3,343,650
Value	\$	84,594	76,581	162,261 00	253,997 00

Overseer Kerr, of Hamilton, having during the summer held an investigation into the complaints made against *Overseer Patton*, was temporarily placed in charge

of this division. His returns show almost double the yield and value of last year. This must, however, be attributed to a more accurate system of collecting information rather than to an actual increase of fish. Over \$75,000 are invested in fishing outfits in Collingwood alone. Mr. Kerr recommends, that whitefish and salmon-trout ova for hatching purposes be procured after the close season is over, thereby preventing the numerous complaints and grumbling on the part of the Meaford fishermen.

Overseer *Frazer* reports summer fishing as fair. Fishermen, as a rule, did not complain of any scarcity of fish, but of the tremendous gales which, during the months of October and November, caused the loss of large quantities of fish, besides, in many instances, destroying all their nets. The close seasons were generally well observed. Fish dealers are becoming alive to the importance of maintaining their business and find it in their own interest to give fish some protection during the spawning season, by refusing to purchase from poachers. The only offenders of late were a few settlers, labourers or Indians, who thus violate the law for the sake of procuring a few fish to eat. Complaints that sawdust was allowed to escape in Muskoka and Severn rivers were enquired into and found to be groundless.

Overseer *Miller* states that, the use of pound nets together with that of small steam tugs, affords great advantages to the fishermen, by allowing them to prosecute their calling with better chances of success. For some unexplained reason whitefish, which were so plentiful near Meaford, almost entirely failed this year. Although trout was late in coming to the spawning grounds, the catch was fair, considering the rough weather experienced during the fall months.

LAKE HURON DIVISION.

JAMES MUIR, Overseer, Cape Hurd to Point Clark.
 HUGH McFAYDEN do Saugeen River.
 A. C. McKINNON do Point Clark to Kettle Point.
 DAVID McMASTER do Kettle Point to Baby's Point.

COMPARATIVE Statement of the yield and value of the Fisheries of this Division.

Kinds of Fish.	1880.	1881.	1882.	1883.
			Lbs.	Lbs.
Whitefish	Lbs. 762,800	907,000	836,500	620,000
Trout	Erls. 2,345	2,154	705,200	543,000
Herring	" 916	5,999	brls. 4,395	brls. 4,222
Bass	" 38	49	14,000	13,800
Pike	"	1	200	400
Pickrel	" 113	698	285,050	288,200
Sturgeon	" 25	688	64,700	59,200
Fish used for local consumption	" 3,134	350	.....	.....
Totals in barrels or lbs.	10,385	14,474	lbs. 2,784,650	lbs. 2,369,000
Value	\$ 78,670	81,075	166,499	135,250

Overseer *Muir* returns about the same number of men and boats engaged fishing as in 1882. At Southampton, a very important fishing station, gill nets met with very indifferent success. At Kincardine, the catch of whitefish and trout was slightly below that of the previous year. Herring were abundant for a short time at Sauble Beach; this, however, lasted only during their passage up to the spawning beds. Most of the mills in this Overseer's division are said to be provided with furnaces to burn the sawdust, so that there are no more complaints heard under that head.

Overseer McFayden states that, fishing on the Saugeen commenced only about 1st July, owing to the height of water. Trout are reported to be as abundant as ever. The sawdust nuisance is steadily decreasing. Out of over fifty sawmills on that stream, only one owner was found guilty of deliberate violation of the law, and was fined in accordance.

Overseer McKinnon's statistics show a decided increase in the yield of the fisheries in his division. The demand for fresh fish food in the local and American markets, is so brisk that few are pickled. Pound nets set in the neighbourhood of Kettle Point, for sturgeon fishing principally, proved a complete failure, owing to stormy weather; some of them being washed ashore three times successively by heavy waves. Only one violation of the law came under the *Overseer's* notice: a case of selling pickerel during the close season. The offender was prosecuted and fined.

Overseer McMaster has made no report.

LAKE ST. CLAIR AND THAMES RIVER DIVISION.

C. W. RAYMOND,
J. B. MOODY,
P. McCARRON,
PETER McCANN,
ANGUS BRADY,
T. McQUENN,
A. QUENNEVILLE, } *Overseers.*

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1880.	1881.	1882.	1883.
			Lbs.	Lbs.
Whitefish.....Brls.	43			
do .....Lbs.	8,800	24,400	16,600	20,200
Trout.....Brls.	35	175	29,600	57,000
Herring....."	350	300	brls. 291	brls. 462
Maskinongé....."			400	600
Bass....."	167	344	85,400	85,800
Pike....."	38	64	12,200	50,200
Pickerel....."	571	512	141,400	88,800
Sturgeon....."			600	200
Coarse Fish....."	699	818	brls. 1,568	brls. 1,084
Fish used for local consumption....."	392	211		" 374
Totals in barrels or lbs.....	2,339	2,546	lbs. 657,000	lbs. 686,800
Value..... \$	10,864	20,640	25,695	27,334

The catch of whitefish in this division, although larger than last year, still falls below that of 1881. The yield of trout is almost double that of the previous year.

Overseer McCann states that for some unexplained causes, pickerel fishing on the upper division of the Thames River was a complete failure. This was, however, more than made up by a good catch of bass and coarse fish. Heavy freshets either carried away the mill dams or so badly damaged them that they had to be rebuilt. The owners were notified to have proper fishways placed on their dams. No violations of the law came under the *Overseer's* notice.

Overseer Brady reports a great falling off in the yield of his division, owing to spring floods

Overseer McQueen remarks that, the decrease in quantity of fish caught was made up by the remunerative prices obtained on local as well as on American markets. The falling off in his division, he chiefly attributes to the extremely severe winter which kept the river locked until the 20th March; then, the water remained so high, that fishermen lost a fortnight or three weeks on that account, during the best portion of the season. No violations of the law came under the Overseer's notice.

DETROIT RIVER DIVISION.

ED. BOISMIER, *Overseer.*

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.		1882.	1883.
Whitefish.....	Lbs.	75,000	62,500
Herring.....	Brls.	104	405
Maskinongé.....	Lbs.	600	720
Bass.....	"	.....	4,050
Pike.....	"	200	1,000
Pickrel.....	"	18,000	22,200
Sturgeon.....	"	14,200	12,800
Coarse Fish.....	Brls.	215	310
Totals in lbs.....		lbs. 171,800	lbs. 245,920
Value.....	\$	9,216	11,573 20

Overseer Boismier says the catch of whitefish would have been better had it not been for the heavy gales which prevailed about the 1st November, during the highest run of these fish. Herring fishing was good. Sturgeon and pickrel fishing middling.

POINT PELÉE DIVISION.

WILLIAM PROSSER, *Overseer.*

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.		1880.	1881.	1882.	1883.
Whitefish.....	Lbs.	77,000	137,000	109,375	48,244
Herring.....	Brls.	1,772	6,690	5,640	7,940
Bass.....	"	269	300	lbs. 33,725	lbs. 24,840
Pickrel.....	"	225	247	" 24,138	" 34,214
Sturgeon.....	"	218	180	" 27,670	" 69,130
Coarse Fish.....	"	.....	45	.....	.....
Fish used for local consumption.....	"	574	.....	.....	.....
Totals in barrels or lbs.....		3,443	8,147	lbs 1,322,908	lbs. 1,764,428
Value.....	\$	16,794	41,845	41,805 28	50,559 26

The falling off in whitefish noticed in this sub-division, is made up by the increase of the coarser grades of fish, *i. e.* herring, sturgeon and pickrel.

PELÉE ISLAND:

JAMES CUMMINS, *Overseer*:

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.		1880.	1881.	1882.	1883.
Whitefish.....	Lbs.	84,400	115,224	95,970	62,884
Herring.....	Brls.	1,772	557	1,170	1,437
Pike.....	"		55		
Sturgeon.....	"	170	208	lbs. 60,000	lbs. 18,200
Coarse Fish.....	"	64		187	326
Fish used for local consumption.....	"	311			
Totals in barrels or lbs.....		1,869	1,396	lbs. 423,370	lbs. 433,684
Value.....	\$	10,178	8,289	17,195 60	14,429 72

LAKE ERIE DIVISION.

JOHN McMICHAEL, *Overseer*, Lake Erie frontage, Co. Kent.

ALEX. McBRIDE do do Co. Elgin.

DAVID SHARP do do Co. Norfolk.

W. A. McCRAE do do Co. Haldimand.

W. P. CROOME do do Grand River and tributaries,
from Brantford upwards.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.		1880.	1881.	1882.	1883.
Whitefish.....	Brls.	113	251		
do.....	Brls.	21,600	7,700	Lbs. 78,000	Lbs. 110,600
Herring.....	Brls.	1,596	1,862	brls. 3,061	brls. 1,684
Maskinongé.....	"	10	30	1,200	2,800
Bass.....	"	78	208	48,600	86,600
Pike.....	"	95	200	28,300	30,800
Pickarel.....	"	483	553	234,700	154,200
Sturgeon.....	"	1,455	422	68,200	135,200
Coarse Fish.....	"	185	1,099	brls. 2,378	brls. 3,318
Fish used for local consumption.....	"	77	18		
Totals in barrels or lbs.....		5,312	4,683	lbs. 1,543,800	lbs. 1,520,100
Value.....	\$	23,035	27,129	52,892 00	53,440 00

The yield of whitefish and bass in this division shows a noticeable increase, while herring and pickarel have fallen off. The total value slightly exceeds that of 1882.

Overseer McMichael reports a falling off in the yield of his division. This is neither ascribed to a scarcity of fish nor to a less vigorous prosecution of this industry,

but simply to unprecedented stormy weather, which fishermen experienced during the whole season. Close seasons were well observed.

Overseer McCrae mentions a falling off in the Grand River division. This he attributes to a late spring and high waters. Anglers met with poor success. There is now less spearing carried on than formerly, and the fishery regulations are better observed.

NIAGARA RIVER AND LAKE ONTARIO DIVISIONS.

J. W. KERR,
 CHAS. GILCHRIST,
 ANDREW HUGHSON, } Overseers.
 W. HULL,
 N. SIMMONS. }

COMPARATIVE Statement of the yield and value of the Fisheries in these Divisions.

Kinds of Fish.		1880.	1881.	1882.	1883.
Whitefish.....	Brls.	945	1,157		
do	Lbs.	125,200	50,000	69,100	34,100
do	No.	100			
Trout.....	Brls.	418	838	lbs. 110,300	lbs. 113,000
Herring.....	"	541	998	brls. 1,212	brls. 2,116
Sciscos.....	"	378	577		
Maskinongé.....	"	25	509	lbs. 100,000	lbs. 190,000
Pike and Bass.....	"	424	1,064	" 229,000	" 252,600
Pickeral.....	"	453	878	" 68,200	" 69,200
Sturgeon.....	"		146	" 103,800	" 69,600
Coarse Fish.....	"	938	1,430	brls. 1,878	brls. 1,698
Fish used for local consumption.....		950	459		
Totals in barrels or lbs.....		5,737	7,904	lbs. 1,298,500	lbs. 1,491,300
Value.....	\$	35,818	68,121	56,594	62,622

Overseer Kerr gives the catch of whitefish as almost a failure when compared with that of 1882, which was considered a poor year. This cannot be ascribed to any absence of these fish, supplemented as they were by millions of fry deposited in the lake during successive years, but to the fact that the number of gill nets used was trifling when compared with that of previous years. It is also presumed that, if whitefish did not approach their usual grounds, it is due to the fact that these were previously occupied by schools of herring, causing the whitefish to seek other feeding places. Herring were plentiful on Burlington Beach and large hauls were made. Anglers and trollers were very successful. Large gill nets of 12 inches mesh, replaced this season the more primitive mode of hook and line fishing for sturgeon, and proved a profitable investment to fishermen in the Niagara River, where these fish fetch as much as seven cents a pound, delivered on board the cars.

Overseer Gilchrist states that, while the yield of fish in that part of his division fronting Lake Ontario is steadily decreasing, Rice Lake and its tributaries improve wonderfully. Indians admit that they never had such fishing for the last fifteen years. Six hundred and forty-five angling permits were issued for the above named waters; seventy to foreigners, at \$1 each, seventy-five to Indians and the balance to local residents. Overseer Gilchrist expects a great rush of American sportsmen next season.

PRINCE EDWARD AND BAY OF QUINTE DIVISIONS.

CHARLES WILKINS, }
 JOS. REDMOND, } *Overseers.*

COMPARATIVE Statement of the yield and value of Fisheries in these Divisions.

Kinds of Fish.	1880.	1881.	1882.	1883.
Whitefish.....	Brls. 199	715	Lbs. 223,000	Lbs. 62,200
".....	Lbs. 375,600	215,000	120,000	183,000
Trout.....	Brls. 679	950	brls. 610	brls. 341
Herring.....	" 250	637	2,200	23,800
Maskinongé.....	" 3	180	40,600	175,400
Bass.....	" 103	373	64,400	76,200
Pike.....	" 109	218	1,800	964
Pickarel.....	" 169	686	brls. 982	brls. 964
Sturgeon.....	".....	1,880	.....	.....
Coarse Fish.....	" 3,643	.....	.....	.....
Fish used for local consumption.....	" 515	.....	.....	.....
Totals in barrels or lbs.....	7,548	6,714	lbs. 802,600	lbs. 781,600
Value.....	\$ 47,112	60,520	42,466	62,507

Overseer Redmond reports a continued falling off in the yield of the fisheries of his division, principally in whitefish. This, he believes, is caused by the thousands of worthless small fish which infest our waters, dying by hundreds during the summer to float afterwards on the surface, or sink to the bottom, and defile the feeding ground of the whitefish. This has a tendency to drive our most valuable kinds of fish to deeper water. Close seasons were strictly observed and no violation of the law is reported.

Overseer Wilkins also reports a decrease in the finer grades of fish, although there is an increase in the coarser kinds. He never knew the catch of whitefish to be so insignificant as it was this season, and the oldest fishermen agree in the same opinion. Considerable damage was done to nets and boats by severe stress of weather and meshes. The fishways in this district were all examined and found to be in good condition.

LENNOX, ADDINGTON AND FRONTENAC DIVISIONS.

A. D. SILLS,
JOHN A. CAMERON,
H. R. PURCELL,
ROBERT GILBERT, } Overseers.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.		1881.	1882.
Whitefish.....	Lbs.	15,534	34,400
Trout.....	"	9,422	15,100
Maskinongé.....	"	30	.....
Bass.....	"	74	200
Pike.....	"	34,000	18,000
Pickarel.....	"	2,230	20,350
Herring.....	Brls.	307	207
Coarse Fish.....	"	1,175	350
Totals in lbs.....		422,168	200,260
Value.....	\$	10,100 72	8,568 00

Overseers Sils and Cameron report a falling off in the catch of fish in their division. This they ascribe to the fact that laborers being scarce, residents could not neglect and leave their farms to tend fishing until late in the season. The weather was very unfavorable to fishermen. Fishery laws are reported as having been well observed.

H. R. Purcell and Robert Gilbert were, during the course of the season, appointed Overseers for the inland waters of the upper townships of Addington and Frontenac.

WOLFE ISLAND AND KINGSTON DIVISIONS.

P. KIEL,
JOHN COX,
THOS. MERRITT,
N. ACTON, } Overseers.

COMPARATIVE Statement of the yield and value of the Fisheries in these Divisions.

Kinds of Fish.		1882.	1883.
Whitefish.....	Lbs.	600	2,400
Trout.....	"	20,000	21,000
Pike and Bass.....	"	19,800	11,800
Pickarel.....	"	9,400	3,000
Sturgeon.....	"	200	3,600
Coarse Fish.....	Brls.	468	370
Fish used for local consumption.....	"	.....	58
Totals in lbs.....		148,000	127,400
Value.....	\$	5,148 00	4,614 00

Overseer Kiel reports that fishing was not prosecuted as vigorously as formerly in his division; several fishermen having been induced to seek other employment. Fish were generally plentiful. The fishery laws were well observed.

Overseer Merritt reports that, owing to the prohibition of gill nets in the neighborhood of Kingston, black bass and pickerel have increased considerably. The catch of coarse fish was also much in excess of that of previous years. Particular attention was paid to the protection of Loughboro' lake.

RIDEAU DIVISION.

GEORGE JEACLE,
A. E. MILLS,
JOHN MURPHY, } *Overseers.*

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1882.	1883.
Whitefish..... Lbs.	11,000	2,800
Trout..... "	3,400	1,600
Herring..... Brls.	7	73
Maskinongé..... Lbs.	1,000	1,000
Bass..... "	9,050	12,200
Pike..... "	18,650	15,400
Pickerel..... "	3,800	4,200
Coarse Fish..... Brls.	424	317
Totals in lbs.....	146,500	145,200
Value..... \$	4,981 50	3,799 00

Overseer Mills reports the catch of fish in his division about the same as last year. Most of the fish are caught by angling, trolling and with dip nets. The close seasons were generally well observed, with a few exceptions, and the guilty parties could not be apprehended.

Overseer Jeacle reports that, the slight falling off in the yield of his district is due to the fact that, fishing with gill nets was prohibited. Large numbers of coarse fish were taken with hoop nets. The law was generally well observed, only a couple of violations having occurred, which were speedily detected and punished.

PRESCOTT AND CORNWALL DIVISION.

JOHN MOONEY,
T. MCGARRITY, } *Overseers.*

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1882.	1883.
Maskinongé..... Lbs.	2,200	2,500
Bass..... "	5,500	5,000
Pike..... "	5,300	6,000
Pickerel..... "	4,800	5,200
Sturgeon..... "	50,000	48,000
Coarse Fish..... Brls.	312	325
Totals in lbs.....	130,200	131,700
Value..... \$	4,762	4,762

CARLETON AND RUSSELL COUNTIES DIVISION.

WILLIAM BOUCHER, }
 OLIVIER MIRON, } Overseers.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1880.	1881.	1882.	1883.
Maskinongé				5,000
Bass				5,000
Pickrel				6,000
Pike				6,000
Sturgeon				10,000
Coarse Fish		100	125	100
Fish used for local consumption	90			
Totals in barrels.....	90	100	125	280
Value	\$ 360	400	500	2,160

COUNTY OF RENFREW AND LANARK DIVISIONS.

Overseers.	{	ANDREW TELFER, Lower portion Bonnechère and Madawaska Rivers.
		M. L. RUSSELL, Upper portion Bonnechère River.
		J. R. McDONALD, Upper waters Madawaska River.
		THOS. MCKIBBON, Mink Lake and Lake Doré.
		GEORGE DOUGLAS, Muskrat Lake and Snake River.
		ARCHEL. ACHESON, Lower Allumettes and Coulonge Lakes.
		JOHN GRANT, Ottawa River, from Upper Allumettes Lake to Des Joachims.
JOHN SMITH, Lake des Chats, from Portage du Fort to Fitzroy Harbour.		
JOSEPH BELANGER, Calabogie Lake and inland waters Bagot Township.		

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1880.	1881.	1882.	1883.
Whitefish..... Brls.	46	33	Lbs. 4,200	Lbs. 5,700
Trout	60	45	14,400	10,600
Maskinongé	44	61	9,000	10,400
Bass	78	23	6,200	12,400
Pike	154	108	21,900	23,300
Pickrel	67	40	8,400	10,000
Sturgeon	18	15	2,800	11,400
Coarse Fish	282	157	brls. 157	brls. 22
Fish used for local consumption	40			
Totals in barrels or lbs.....	789	483	lbs. 98,300	lbs. 128,200
Value	\$ 4,153	2,829	4,767	5,859

MISSISSIPPI RIVER AND LAKE DIVISION.

JAMES McFADDEN, } Overseers.
 EPHRAIM DEACON, }

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.		1880.	1881.	1882.	1883.
				Lbs.	Lbs.
Bass.....	Brls.	30	35	5,000	4,400
Pike.....	"	262	257	33,000	26,800
Pickereel.....	"	15	13	400	1,800
Coarse Fish.....	"	140	138	brls. 106	brls. 92
Fish used for local consumption.....	"	20			
Totals in barrels or lbs.....		467	443	lbs. 59,600	lbs. 51,200
Value.....	\$	2,175	2,305	2,398	2,080

CHARLESTON AND GANANOQUE LAKES DIVISION.

W. H. JOHNSTON, } Overseers.
 JAMES GREER, }
 WM. HICKS, }

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.		1880.	1881.	1882.	1883.
				Lbs.	Lbs.
Trout.....	Brls.	15	20	2,000	1,800
Bass.....	"	20	25	4,000	3,400
Pickereel.....	"				1,200
Pike.....	"	10	12	1,000	
Coarse Fish.....	"	20	120	brls. 100	brls. 125
Totals in barrels or lbs.....		65	177	lbs. 29,000	lbs. 31,400
Value.....	\$	380	807	890	908 00

PETERBOROUGH AND VICTORIA DIVISIONS.

GEORGE COCHRANE, }
 J. R. GRAHAM, } Overseers.
 JOHN DAUNCEY, }

COMPARATIVE Statement of the yield and value of the Fisheries in these Divisions.

Kinds of Fish.		1880.	1881.	1882.	1883.
				Lbs.	Lbs.
Whitefish.....	Lbs.			8,000	5,000
Trout.....	Brls.	54	88	25,000	21,000
Herring.....	"	38	46	brls. 180	brls. 225
Maskinongé.....	"	193	158	133,400	168,400
Bass.....	"	186	256	109,200	127,600
Pickarel.....	"				2,000
Coarse Fish.....	"	47	145	brls. 305	brls. 255
Totals in barrels or lbs.....		518	692	lbs. 372,600	lbs. 420,000
Value.....	\$	2,775	4,280	19,316	22,105 00

LAKES SCUGOG AND SIMCOE DIVISIONS.

GEO. B. McDERMOT, }
 L. S. SAUNDERS, } Overseers.
 WM. HASTINGS, }
 W. McDERMOT, }
 R. G. DALTON, }

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.		1882.	1883.
		Lbs.	Lbs.
Whitefish.....	Lbs.	58,400	51,200
Trout.....	"	60,300	69,100
Herring.....	Brls.	72	82
Maskinongé.....	Lbs.	6,000	240,000
Bass and Pike.....	"	34,600	93,700
Sturgeon.....	"	2,000	4,000
Pike.....	"		24,000
Fish used for local consumption.....	Brls.		400
Totals in lbs.....		175,700	578,400
Value.....	\$	12,192	33,056 00

Overseer G. B. McDermot's division comprises Lake Scugog and tributaries. He reports maskinongé on the increase, and feels confident that, with proper protection and the speedy detection and punishment of poachers these waters will, before long, rival Rice Lake for maskinongé and bass fishing. Mr. McDermot's efforts to check the

illegal practice of spearing, which had almost depleted these beautiful waters, were most successful, and are already showing the good results of efficient protection.

During the winter of 1882, it was reported that large numbers of bass died for want of air. This Officer applied himself to ascertain the real cause of this accident, and finally discovered that the whole trouble arose from the mills at Lindsay using so much water during winter time. This occasioned a serious drain on the lake, with no equivalent to supply the deficiency. As a consequence, during a severe winter, the ice will freeze right to the bottom along the bars, making stagnant pools of all waters inside these bars where the fish are smothered for want of fresh water. Not a single dead fish was found in deep water, which fact goes to support the value of the above theory.

Overseer Hastings states that, the residents on Thorah Island did not fish owing to the ice remaining so late. One hundred and twelve spearing licenses were issued. The Georgina Island Indians having violated the close-season, five nets were confiscated from them.

MUSKOKA DIVISION.

WM. E. FOOT, } *Overseers.*
C. ROPER, }

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1882.	1883.
Whitefish..... Lbs.	23,000	20,800
Trout..... "	4,600	3,537
Herring..... Brls.	90	83
Bass..... Lbs.	1,400	2,418
Pickarel..... "	1,600	12,470
Totals in lbs.....	48,600	55,825
Value..... \$	4,458	3,255 24

Overseer Foot states that, he experiences a good deal of difficulty in procuring accurate returns of the catch of fish in his division. Fish are reported as being plentiful in the different lakes of the district of Muskoka. This Overseer issued fifty-eight gill net licenses and thirty angling permits. No complaints of violations of the law reached him.

Mr. C. Roper was, during the course of last season, appointed Fishery Overseer for North Branch of Muskoka River and Mary Lake to Nipissing Road.