

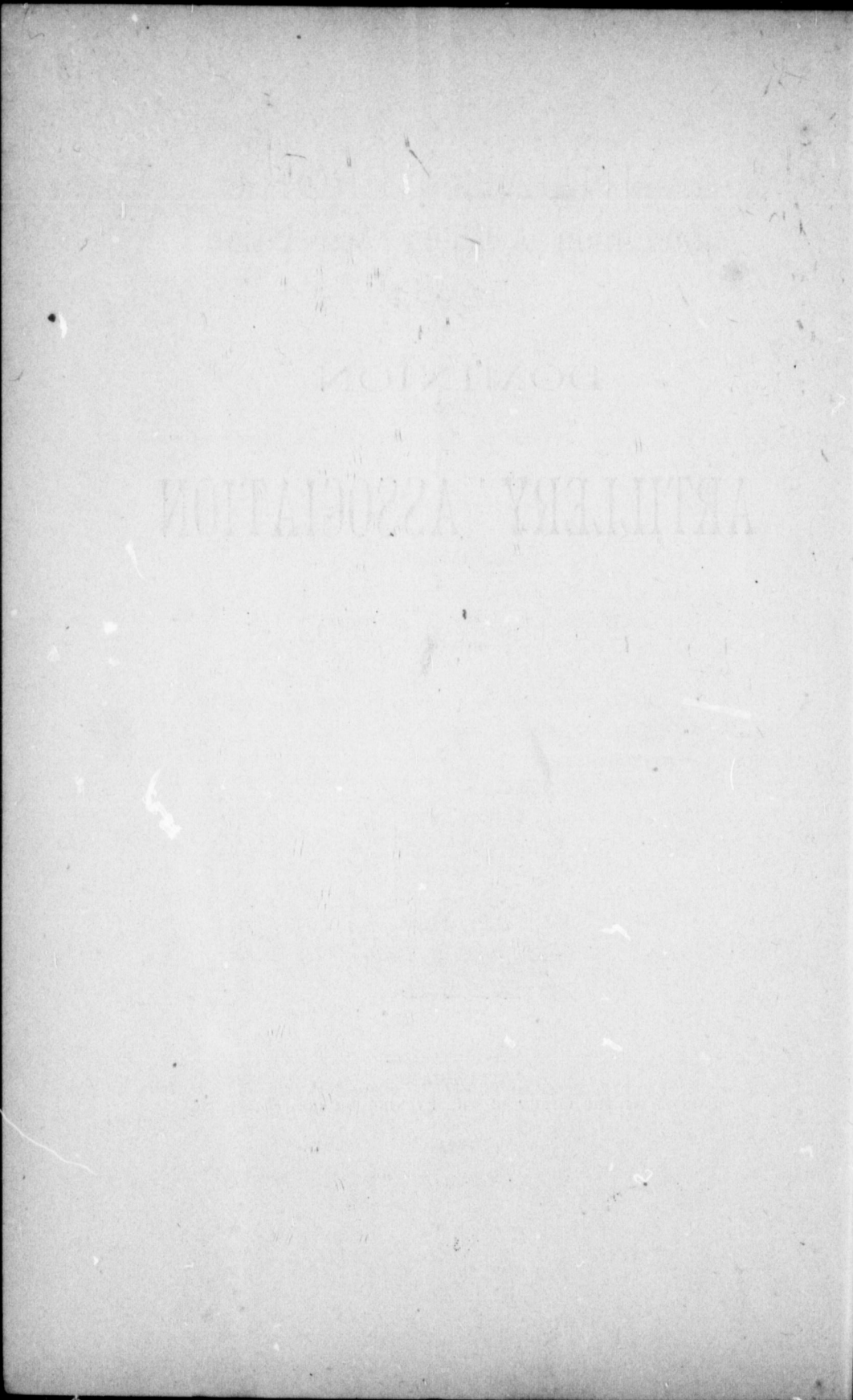
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ANNUAL REPORT
— OF THE —
DOMINION
ARTILLERY ASSOCIATION

For the Year 1892.



OTTAWA:
PRINTED AT THE OFFICE OF THE EVENING JOURNAL, ELGIN ST.
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Dominion Artillery Association.

1892.

PATRON.

HIS EXCELLENCY LORD STANLEY OF PRESTON, G.C.B., &c.; Governor-General of Canada.

Vice-Patrons.

HIS HONOR THE LIEUT-GOVERNOR, Province of Ontario
HIS HONOR THE LIEUT-GOVERNOR, Province of Quebec.
HIS HONOR THE LIEUT-GOVERNOR, Province of Nova Scotia.
HIS HONOR THE LIEUT-GOVERNOR, Province of New Brunswick.
HIS HONOR THE LIEUT-GOVERNOR, Province of Prince Edward Island.
HIS HONOR THE LIEUT-GOVERNOR, Province of Manitoba.
HON. MACKENZIE BOWELL.
HON. SIR A. P. CARON, K.C.M.G.
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LIEUT-COLONEL A. E. CURREN, A.D.C., Comdg. Bde. G.A., Halifax.

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" E. G. PRIOR, A.D.C., M.P. Comdg. B.C. Bde. G.A., Victoria.
" T. T. TURNBULL, Retired List, Montreal.
" F. S. MOORE, Comdg. P.E.I. Bde, G.A., Charlottetown.

COUNCIL FOR 1892.

President.

Major NICOLL No 1 Battery, 1st Brigade, Field Artillery, Guelph.

Vice-President.

Major CRAWFORD LINDSAY, Quebec Field Battery.

Lt.-Col. CALL, Newcastle Field Battery.

" IRVING, Brigade Major, Charlottetown.

" COLE, Montreal Brigade, G. A.

Members (*Ex-Officio*).

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Lt.-Col. J. MACPHERSON, Director of Stores, Ottawa.

" D. T. IRWIN, Inspector of Artillery, Ottawa.

" C. E. MONTIZAMBERT, Asst. Inspector of Artillery, Québec.

" W. H. COTTON, Asst. Inspector of Artillery, Kingston.

" J. GRAY, Brigade Major M. D. No. 2, Toronto.

" A. H. MACDONALD, Q.C., Comdg. 1st Bde., Field Artillery, Guelph.

" R. R. CALL, Comdg. Field Battery, Newcastle.

" J. D. IRVING, Brigade Major, M.D. No. 12, Charlottetown.

" J. R. ARMSTRONG, A.D.C., Comdg. N. B. Bde. G.A., St. John.

" A. E. CURREN, A.D.C., Comdg. Brigade G.A., Halifax.

" E. G. PRIOR, A.D.C., M.P., Comdg. B.C. Bde., G.A., Victoria.

" W. MCKENZIE, Comdg. Field Battery, Gananoque.

" W. D. OTTER, D.A.G., M.D. No. 2, Toronto.

" F. S. MOORE, Comdg. P. E. I. Brigade.

Major FRANK KING, M.D., Comdg. Welland Canal Fd. By., Port Colborne.

" W. MCLEAN, Comdg. Durham Field Battery, Port Hope.

" COUTLEE, Comdg. Winnipeg Field Battery.

" W. M. DRENNAN, Comdg. Field Battery, Kingston.

" J. DAVIDSON, Comdg. No. 2 Battery, 1st Brigade, Guelph.

" MEAD, Comdg. Toronto Field Battery.

" Hon. J. S. HALL. M.P.P., Comdg. Montreal Field Battery.

- " BOULANGER, Comdg. No. 2 Battery, Garrison Artillery, Quebec.
- " BISSETT, Montreal Brigade, G.A.
- " OGILVY, Montreal Brigade, G.A.
- " MAXWELL, Halifax Brigade, G.A.
- " VIEN, Comdg. No. 2 By., G.A., Levis.
- Captain VAN STRAUBENZEE, R.E., Royal Military College
- " McNAUGHTON, Cobourg Battery, G.A.
- " CXLEY, Halifax Brigade, G.A.
- " HARRISON, New Brunswick Brigade, G.A.
- " CRAWFORD, " " "
- " JONES, " " "
- " FELLOWES, Halifax Brigade, G.A.

Members (Elected.)

- Lt.-Col. A. A. STEVENSON, Retired List, Montreal.
- Captain McCRAE, Retired List, Guelph.
- " BLISS, Ottawa Field Battery, Ottawa.

Executive Committee.

Ex-Officio.

- Lt.-Col. D. T. IRWIN, Inspector of Artillery.
- " C. E. MONTIZAMBERT, Assistant Inspector of Artillery
- " W. H. COTTON, " " "

Elected.

- Lt.-Col. A. H. MACDONALD, Q.C., Comdg. 1st Bde., F.A.
- Major Maxwell, Halifax Brigade, G.A.

Auditors.

- Lt. Col. JOHN MACPHERSON, Director of Stores.
- F. E. KNIGHT, Esq.

Secretary-Treasurer.

- Captain J. B. DONALDSON, Ottawa.

LIST OF LIFE MEMBERS.

His Excellency Lord Stanley of Preston, G. C. B., Governor-General.
 The Most Honorable the Marquis of Dufferin and Ava, K.P., etc., etc.
 His Excellency the Marquis of Lansdowne, G.C.M.G., etc., Viceroy of India.
 The Right Honorable the Marquis of Lorne, K.T., etc.
 The Right Honorable Lord Mount-Stephen.

Angus, R. B., Esq.
 Armstrong, Lt.-Colonel J. R.

Joly, Hon. H. G.

King, Major F., M.D.

Benny, Robt., Esq.
 Boulanger, Major
 Brainerd, T. C., Esq.
 Brainerd, Dwight, Esq.
 Buntin, Alex., Esq.
 Burnet, J., Esq.

Lewes, Lt.-Colonel Price
 Lindsay, Major Crawford
 Lindsay, R. A., Esq.

Cameron, Lt.-Colonel
 Cassils, C., Esq.

Macdonald, Lt.-Colonel A. H., Q.C.
 McGreevy, Hon. Thos.
 McIntyre, Duncan, Esq.
 McKenzie, H., Esq.
 Mercier, Hon. Honoré
 Middleton, Gen. Sir F., C.B., K.C.M.G.
 Moat, R., Esq.
 Montizambert, Lt.-Colonel C. E.

Daniels, Surgeon
 Donaldson, Capt., J. B.
 Drummond, Hon. G. A.

Oswald, Lt.-Colonel W. R.
 Palliser, Major E.
 Paton, Hugh, Esq.

Forget, L. J., Esq.
 Gilmour, Lt.-Colonel A.
 Gray, Lt.-Colonel J.
 Gzowski, Colonel Sir Casimir, A.D.C.
 to the Queen.

Rankin, John, Esq.
 Raymond, Charles, Esq.
 Redpath, Peter, Esq.
 Rowley, W. H., Esq.

Hamilton, Robt., Esq.
 Herbert, Major-General, C. B.
 Hickson, Lt.-Colonel Sir J.
 Hope, John, Esq.
 Hosler, E. B., Esq.

Scott, Gilbert, Esq.
 Smith, Sir D. A., M.P.
 Smith, Capt., G. F.
 Strange, Major General T. B.

Irwin, Lt.-Colonel D. T.

Turnbull, Lt.-Colonel T. T.

ANNUAL SUBSCRIBERS

<p>Armstrong, Lieut., Winnipeg Field Battery.</p> <p>Bacon, Lieut., Digby Battery.</p> <p>Bergeron, Lieut., No. 2 By., Levis.</p> <p>Bissett, Major, Montreal Bde.</p> <p>Call, Lt.-Col., Newcastle Field Battery.</p> <p>Cole, Lt.-Col., Montreal Brigade.</p> <p>Costigan, Lieut., " Field Battery.</p> <p>Coutlee, Major, Winnipeg Field Battery.</p> <p>Crawford, Captain, N. B. Brigade.</p> <p>Curren, Lt.-Col., Halifax "</p> <p>Doidge, Captain, Winnipeg Field Battery.</p> <p>Easton, Lieut., P. E. I. Brigade.</p> <p>Fellowes, Capt., Halifax Brigade.</p> <p>Goode, Lieut., Woodstock Field Battery.</p> <p>Hall, Major, Hon. J. S., Montreal Field Battery.</p> <p>Harrison, Capt., N.B. Brigade.</p> <p>Hood, Lt.-Col., 5th Rl. Scots, Montreal.</p> <p>Hooper, Capt., Montreal Field Battery.</p> <p>Hudon, Lieut., No. 2 By., Quebec.</p>	<p>Irving, Lt.-Col., Bde. Major, Charlottetown.</p> <p>Jones, Captain, N. B. Brigade.</p> <p>Lewis, Lieut., Yarmouth Battery.</p> <p>MacNachtan, Lieut., Cobourg Battery.</p> <p>Marsan, Lieut., No. 1 By., Levis.</p> <p>Maxwell, Major, Halifax Brigade.</p> <p>McNaughton, Capt., Cobourg Battery.</p> <p>Moore, Lt.-Col., P. E. I. Brigade.</p> <p>Nicoll, Major, 1st Bde., Guelph.</p> <p>Ogilvy, Major, Montreal Bde.</p> <p>Oxley, Captain, Halifax Bde.</p> <p>Petersen, Lieut., Winnipeg Fd. Battery.</p> <p>Roy, Lieut., No. 1 By., Levis.</p> <p>Seeley, Lieut., Yarmouth Battery.</p> <p>Stevenson, Lt.-Col., Retired List.</p> <p>Stewart, Lieut., P. E. I. Brigade.</p> <p>Temple, Lieut., N.B. Brigade.</p> <p>Van Straubenzee, Capt., R.E., R.M.C.</p> <p>Vien, Major, No. 2 By., Levis.</p>
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LIST OF AFFILIATED BATTERIES, Etc.

Royal Military College, Kingston.
 'A' Battery, Reg. C. A.
 "B" Battery, "
 No. 1 Battery, 1st Brigade, Field Artillery.
 " 2 " " " "
 Hamilton Field Battery.
 London " "
 Welland Canal Field Battery.
 Winnipeg Field Battery.
 Durham " "
 Gananoque " "
 Ottawa " "
 Montreal " "
 Shefford " "
 Quebec " "
 Newcastle " "
 Woodstock " "
 Montreal Brigade, Garrison Artillery (6 Batteries).
 Halifax " " " (7 Batteries).
 P. E. Island " " " (5 Batteries).
 New Brunswick " " " (5 Batteries)
 Cobourg Battery " " "
 No. 1 Battery, Levis " "
 No. 2 " " " "
 No. 2 " Quebec " "
 Digby " " "
 Yarmouth " " "

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Rules of the Association.

1. That the Association be called the DOMINION OF CANADA ARTILLERY ASSOCIATION, and have for its object the development of Gunnery skill, and the dissemination of Artillery knowledge throughout the Dominion of Canada.

2. That the annual subscription for individual members be *two dollars*, which will give the right of voting at any regularly organized meeting, other than a meeting of Council. The donor of *twenty dollars*, in cash, at any one time, or a prize of not less value than *forty dollars*, to be competed for at a general prize meeting, may be elected a life member.

3. That any Canadian Artillery or Engineer Corps, the Royal Military College Cadets, and the Artillery detachment of the North-West Mounted Police Force, subscribing not less than *ten dollars*, per Field and *six dollars* per Garrison Battery, per annum, may become affiliated to this Association, and shall be entitled to a number of memberships in the proportion of one for each two dollars thus subscribed, the officers of each subscribing Battery to select from amongst themselves the person to hold such memberships and return their names and addresses, when selected, to the Secretary, to be registered by him previous to the Annual General Meeting.

4. The affairs of the Association to be managed by a Council to consist of *ex-officio* members and such officers on the Active or Retired lists as may be elected annually at a General Meeting. The Hon. the Minister of Militia and Defence; the Deputy Minister of Militia and Defence; the Major-General Commanding; the Adjutant-General; the Inspector and Assistant Inspectors of Artillery; the Deputy Adjutants-General of Districts, and Brigade Majors; All Officers Commanding, and Regimental Field Officers of Artillery Brigades; Officers Commanding affiliated Batteries and Engineer Corps; the Director of Stores; the Commandant and Professors (being officers) Royal Military College; Military Secretary to the Governor-General, and President Dominion Rifle Association, shall, if members of the Dominion Artillery Association, be *ex officio* members of Council. The Secretary and Treasurer shall likewise be *ex-officio* a member of the Council.

5. The Governor General of the Dominion and the Lieutenant-Governors of the Provinces shall be respectfully requested to become Patron and Vice-Patrons, respectively, of the Association; and at any General Meeting of the Association other names may be added to the list of Vice-Patrons.

6. A General Meeting of the Association shall be held annually, on the

third Thursday after the meeting of Parliament, to receive the Annual Report of the Secretary and Treasurer, and to transact general business. No alteration of the Rules of the Association shall be made, excepting at such meeting. Twenty-one days' notice of any motion involving such alteration shall be given in writing by the member intending to propose it at the General Meeting to the Secretary, who shall forward it immediately to every member of the Association; and the notice shall be also published in two issues of the *Canadian Militia Gazette* prior to the Annual Meeting of this Association by the Secretary or other person authorized to act on his behalf—so long as such paper is published.

7. The office bearers shall consist of a President and four Vice-Presidents of the Association, to be elected annually at the Annual General Meeting of the Association, and a President and four Vice-Presidents of Council and a Secretary-Treasurer to be elected annually at the first meeting of the Council next after the Annual General Meeting. The Council shall have power to fill up vacancies occurring subsequently. There shall be also an Executive Committee to consist of the Inspector and Assistant Inspectors of Artillery, with two officers to be elected by the Council from among its members at the Meeting of Council after the Annual General Meeting, of which the Inspector of Artillery shall be chairman, to the charge of which Committee shall be entrusted all technical artillery matters and carrying out of annual competitions, appointment of umpires and the arrangement of details in connection therewith, three to form a quorum. The members of the Executive Committee to be eligible to any office and to report to the Council.

8. At all General Meetings of the Association the chair shall be taken by the President, in his absence by the senior Vice-President present, and in the absence of all the Vice-Presidents by the President of Council, and so on.

9. At all Meetings of Council, five shall form a quorum, all questions shall be decided by the vote of the majority, and the Chairman shall have a casting vote when the members are equal.

10. Ordinary Meetings of Council shall be held on the day previous to, and immediately after the Annual General Meeting.

The Minutes of all Meetings of Council shall be entered in a book kept for that purpose by the Secretary, and open to the inspection of any member of the Council.

11. Extraordinary Meetings of Council shall be summoned by the Secretary when required by the President of Council, at such places as the President may direct, either at his own discretion, or upon the request, in writing, of six members of Council, of at least three different corps, duly qualified to vote at such meeting, one of whom shall be a Vice-President, notification being sent to each member of the Council at least fourteen days previous to such meeting,

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and the requisition for the meeting and the notices to the members must state the object, or objects, of such meetings. Members of Council shall be permitted to send a written vote to the Secretary upon subjects to be discussed at such meetings.

12. All subscriptions, other than through affiliation, to the Association shall become due on or before the 1st May for the current Association year, and the Treasurer shall be required to deposit all sums of money paid over to him on behalf of the Association, in a Savings' Bank.

13. Two Auditors shall be appointed annually to examine the Treasurer's accounts previous to the Annual Meetings.

14. The payment of money for current expenses must be authorized by the President of Council or in his absence by one of the Vice-Presidents, other payments to be made only on authority of Council.

15. The Council have the power of establishing such competitions as they may deem advisable. All technical details to be referred to the Executive Committee.

16. An annual report from the Secretary and Treasurer to be submitted to the Council before publication. The Council shall also make a report of the proceedings of the year to the General Association Meeting.

17. All competitions to be closed by the 31st December of each year, and all returns thereof, with list of men entitled to badges, must be sent to the Secretary by the 15th January ensuing the year for which the claim is made.

18. That members of Council, not being life members, must pay the annual subscription to remain as such.

19. That any Commanding Officer of a corps, being a member of Council, unable to attend any meeting of the same, may nominate, in writing, an officer of his own command to attend in his stead, and upon such officer delivering to the Secretary such nomination, he shall be entitled to speak and vote at such Meeting of Council, but any motion made or seconded by him shall be made by him in the name of the member of Council for whom he acts.

20. Whenever an Artillery Association is formed for any of the Provinces of the Dominion, the Secretary shall be required to furnish such information from the records in his charge as may be required for the issue of Provincial prizes.

21. Officers who compete for prizes must be life or annual members of the Association.

Report of Council.

1. Reports of the Executive Committee and Secretary- Treasurer giving details of competitions carried out during the year, with results and remarks thereon, are submitted herewith.
2. The Council acknowledge with thanks the action of the Department of Militia, during the year, on recommendations contained in paragraphs 4, 5 and 6 of last year's Council Report. It is believed that the slight insight gained by the several detachments which met in Halifax, into the working, care and preservation of modern Ordnance cannot fail to have beneficial effect. The Council hope that, at no distant date, energetic steps will be taken by the Department to replace the old, useless smooth-bore guns now in charge of the Garrison Artillery Arm—which have been an obsolete store in the Imperial service for upwards of thirty years—by a weapon worthy their care and attention.
3. Seven Field Batteries received Morris aiming tubes during the year. It is suggested that Commanding Officers forward a report to the Secretary, showing the number of drills at which they have been used and also the practical experience gained by their use, as a means of instruction in laying and an incentive to attendance at voluntary drills.
4. Duck suits were issued to all Batteries at the rate of fifty per cent. of their establishment. These will prove a great help in preserving the uniforms of the men, especially in Field Batteries, when cleaning harness and guns and at stable duties. A full issue, however, is desirable.
5. The Council, while thankful for favors received, regret the inability of the Department to comply with the request for an increased number of days for drill annually. It is impossible to impart sufficient instruction or to pass beyond minor details in nine days' drill, which is all that Field Batteries can reckon upon—three out of the twelve being lost for the purpose in going to and returning from camp, with the intervening Sunday. The slightest conception of the nature and extent of the many drills and duties, with instruction in ammunition, etc., which have to be imparted, must be sufficient to prove how necessary it is that the request of the Council should receive consideration.
6. It is regretted that, owing to stormy weather, it was found impossible to carry out the annual practice of the Field Batteries in Ontario last year. The

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Government should be requested to provide a safe land-range for this purpose, and it is suggested that a Committee be appointed to wait on the General Officer Commanding to solicit his recommendation to the Hon. the Minister of Militia in this respect.

7. At the beginning of the seventeenth year of the Association thankfulness for the past and hope for the future should be the leading characteristics of its members. Good solid work has been accomplished and indications of its recognition are not wanting. "Imitation is the sincerest form of flattery." The other arms of the service are falling into line with similar competitions and it is an acknowledged fact that, although there is still much room for improvement, yet, the Artillery leads the van. Let us continue to hope for better support and increased facilities for the attainment of still greater efficiency.

(Sgd)

W. NICOLL, MAJOR,

President of Council.



Report of the Executive Committee.

1892.

FIELD ARTILLERY PRACTICE.

Range finding was carried out on the same general system as during the previous year with the exception that the position of each gun was selected by its No. 1 under the superintendence of the C. O., and the range taken or estimated and the target pointed out by the latter before the battery moved into position for action. In order to render this system of practical value it is evident that the greatest care should be taken to conceal these preliminary movements from the enemy's observation.

As with ordinary care and skilled layers, it is generally possible to verify the range in from 8 to 12 shots, it is proposed in future when the range will permit, to use a second target and so increase the value of the practice.

Competitive gun practice was carried out by the Montreal, Quebec, Shefford, Newcastle, and Woodstock Batteries at the Isle of Orleans, Quebec, the two latter Batteries thus for the first time firing in a competition away from local headquarters. The Sydney Battery was unable to find a range at or near Alder shot Camp, and in consequence did not practice this year. Winnipeg Battery fired as usual at local headquarters.

The ten Batteries from Ontario were to have practised as usual at Kingston; it was, however, found impossible to obtain the usual land range, and arrangements had to be made to use a floating target. Under ordinary circumstances the practice could have thus been well carried out, but the very unusual severity of the weather entirely prevented a target being moored out, during the week set apart for practice, and five detachments which had assembled at Kingston had to be sent home without firing a shot.

The heavy expense already incurred for transport, &c., and the difficulty of finding any other suitable range at which these Batteries could again meet for competition without a too considerable expenditure of time and money, led to their practice being cancelled for the present year. The question as to the distribution of the whole or part of the prizes for the competitive practice was referred to this committee but without decisive result, it was then considered by an extra-ordinary meeting of council called for the purpose, and it was eventually

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decided to pay all the cash prizes to those who actually fired in the competition, and omit the percentage of score from the efficiency competition.

In this connection it appears very evident that steps should be taken without delay to select a suitable land range in the Province of Ontario which could be generally used for Field Artillery practice.

RULES FOR PRACTICE.

As published in circular No. 1, 5-5-92, certain modifications and alterations in the Rules for Practice, 1890 were adopted; further modifications of these rules seem to be required, in order to make the practice as practical in its teaching as possible, *e. g.*—The range to be changed, within defined limits, for each Battery detachment, who will be required to fire their own trial shots. The elevation and deflection and length of fuze, ordered by the officers in charge of the detachment in conjunction with the C. O., etc.

OBSERVERS' PRIZES.

The new departure made by the introduction of observers' prizes, has been productive of greatly increased interest in this very important but hitherto somewhat neglected portion of an officer's duties.

DRILL AND DRIVING COMPETITION.

The Drill and Driving competition was again well and closely contested. The Association is again placed under great obligations to Colonel Sir Casimir Gzowski for his renewed donation of a valuable silver cup which will be competed for annually in this competition.

GARRISON ARTILLERY COMPETITION.

In accordance with the recommendation of Council this competition was held at Halifax, and was participated in by all the Batteries authorized for drill except the Mahone Bay Battery, whose officers were absent at the time, and the Pictou Battery which was not at the time thoroughly organized. The guns used were two pr. R. M. L., and two 20 pr. R. B. L. loaned by the Royal Artillery. The only range found available was down the entrance to the harbour, and the gun site was so low as to render the observation of fire very difficult. The range itself is very liable to be frequently obstructed by passing vessels or by fog so it was considered advisable to extend the practice over a period of ten days instead of endeavouring to complete it in the usual period of six days as customary at Quebec. This necessarily added to the expenses in connection with the competition. Very great difficulties were encountered in making arrangements for officers' and men's messing, and the results were not in all cases entirely satisfactory, but this committee desires to express its acknowledgments to Lt. Col. Curren, and the officers of his corps, who acted on the Executive Staff, for the

invaluable assistance which they rendered in arranging for the various details in connection with the meeting at a very considerable sacrifice of time and personal convenience.

In considering the question as to the advisability of continuing to hold the competition at Halifax, it should be borne in mind that the many duties connected with the messing and camping and transport arrangements will have to be provided for, and that it is not probable the services of the officers of the local corps can in future be placed at the disposal of the Executive.

Apart from the extraneous advantages of Halifax, in connection with its interesting and instructive system of defence, its suitability as a practice range cannot be compared with that at the Island of Orleans, Quebec, and the additional expenses entailed by local transport to and from the camp, range boats, and fatigue parties, etc., are very considerable.

In connection with this competition, this Committee desires to express its grateful acknowledgments to Lt. Col. Saunders and the officers of the Royal Artillery for their many acts of courtesy and kindness, and for the assistance which they so readily gave in forwarding the objects of the Association.

SHIFTING ORDNANCE COMPETITION.

This was held during the meeting for Artillery practice at Halifax. The "A" shift was competed for by two detachments from the Halifax, and one each from the P. E. Island and Montreal Brigades.

The "B" shift was competed for by two detachments from the Halifax, and one from the P. E. I. Brigade. The prizes offered to the Royal Schools of Artillery were competed for independently by the several Batteries.

EFFICIENCY COMPETITIONS.

The result of these competitions continues to shew a most gratifying condition of efficiency. The published returns include seventeen Field and thirty-five Garrison Batteries, of which 14 Field and 29 Garrison Batteries are affiliated to this Association, all of the former and all but eight of the latter have obtained more than 50 per cent. of the total possible credits.

(Signed)

D. T. IRWIN, Lt.-Colonel, <i>Chairman.</i>	} Members.
C. E. MONTIZAMBERT, Lt. Col.	
W. H. COTTON, Lt. Col.	
A. H. MACDONALD, Lt. Col.	
JAMES MAXWELL, Major.	

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Secretary's Report.

The Secretary presents herewith the Annual Report for the year 1892.

The affiliations were:—

Royal Military College.

"A" and "B" Batteries, Regt. C. A.

14 Field Batteries.

29 Garrison Batteries.

From communications received it is understood that the non-affiliation of two out of the three remaining Field Batteries was unintentional. A rule of the Ontario Artillery Association requires payment of the fee before a certain date, it would be to the interest of this Association if a similar rule were adopted by it.

With reference to the Garrison Batteries, there is an increase of two in the number of Batteries, which affiliated from the Eastern Provinces. The non-affiliation of the B. C. Brigade made the total one less than 1891. The general total is, however, slightly above the average.

The list of life members remains unaltered. There is an increase of sixteen in the number of Annual Subscribers as compared with 1891.

The following donations were made during the year:—His Excellency the Governor General, 2 silver cups for General Efficiency Competitions.

Colonel Sir Casimir Gzowski, A. D. C. to the Queen, a silver challenge cup for Drill and Driving Competition, and the Hamilton Powder Company, through the President, T. C. Brainerd, Esq., one hundred dollars.

The total receipts to date amount to \$3,424.00, from the following sources:—

Government Annual Grant.....	\$ 900 00
Government Special Grant.....	2,000 00
Hamilton Powder Company.....	100 00
Members' Subscriptions.....	80 00
Affiliations.....	344 00

Total.....\$3,424 00

Full details of the disbursements will be found in the statement of accounts at end of report.

The expenditure on account of the Garrison Artillery Competition at Halifax

amounts to \$1,692.29, being an increase of \$481.70 as compared with the expenditure incurred at Quebec during the 1891 competition. There were four more batteries at Halifax than at Quebec yet the amount paid for messing allowance was less by \$50.37 in favour of Halifax. The prizes for firing competitions of Field Batteries were distributed as directed. It is suggested that each of the seven batteries which were unable to compete be presented with four copies of the Field Artillery Manual, one copy for each No. 1, as a slight compensation for their disappointment. These copies are now on hand and their distribution will not cause any additional expense.

The annual meeting being held this year so soon after the date at which returns are due, together with the delay in the issue of prizes to Field Batteries, has made it difficult to get the report ready in time—it is as complete as possible.

The whole respectfully submitted,

J. B. DONALDSON, Captain,
Secretary.



Comp

Present
highest num
Won by No.

Held for
Hamilton F

Held in

CUPS

Competed for in the Association Competitions

1. General Efficiency, Field Batteries.—1st Prize.

Presented by His Excellency the Governor-General to Battery making the highest number of points for General Efficiency during the year (see table). Won by No. 2 Battery, 1st Brigade, Major Davidson, Comdg.

BATTERIES WHICH HAVE WON CUPS PREVIOUSLY.

1880	No. 2 Battery, 1st Brigade, Guelph.
1881	No. 2 " " "
1882	No. 1 " " "
1883	Quebec Field Battery.
1884	No. 1 Battery, 1st Brigade, Guelph.
1885	Montreal Field Battery.
1886	Ottawa " "
1887	Hamilton " "
1888	No. 1 Battery, 1st Brigade.
1889	No. 1 " "
1890	No. 1 " "
1891	Hamilton Field Battery.

2. General Efficiency, Field Batteries.—2nd Prize.

LANSDOWNE CUP.

Held for the year by Battery second on list for General Efficiency, viz :
Hamilton Field Battery, Major Van Wagner, Comdg.

Held in 1888 by Hamilton Field Battery.

1889 by Quebec " "

1890 by Hamilton " "

1891 by No. 1 Battery, 1st Brigade.

3. General Efficiency, Garrison Batteries.—1st Prize.

Presented by His Excellency, same conditions as 1 (see table). Won by No. 3 Battery, Halifax Brigade, Captain Maxwell, comdg. ; Lt.-Colonel Curren, comdg. Brigade.

WON IN PREVIOUS YEARS BY :

1882	No. 1 Battery, P. E. Island Brigade.
1883	No. 1 " " "
1884	No. 2 " " "
1885	No. 2 " " "
1886	No. 2 " " "
1887	No. 2 " " "
1888	No. 2 " " "
1889	No. 2 " " "
1890	No. 2 " " "
1891	No. 3 " Halifax Brigade.

4. General Efficiency, Garrison Artillery.—2nd Prize.

LANSDOWNE CUP.

Held for the year by Battery second on list for General Efficiency : No. 5 Battery, Halifax Brigade, Capt. Oxley comdg.

Held in 1888 by No. 1 Battery, New Brunswick Brigade.

1889 by No. 1	"	P. E. Island	"
1890 by No. 5	"	Halifax	"
1891 by No. 5	"	"	"

5. Oswald Challenge Cup.

Firing Competition, Field Artillery.—Open to the Dominion. To be the property of any Battery winning it two years in succession. Presented by Lieut.-Colonel Oswald, late Montreal Brigade, Garrison Artillery. Won by Woodstock Field Battery, Major Dibblee comdg.

HELD PREVIOUSLY BY :

1884	Welland Canal Field Battery.
1885	Montreal " "
1886	Ottawa " "
1887	Durham " "
1888	Winnipeg " "
1889	Quebec " "
1890	No. 1 Battery, 1st Brigade.
1891	Durham Field Battery.

Firing
as No. 5.
of Artillery

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competition

To be
with 64-pr.
Brigade.

*Cup pr
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6. Montizambert Challenge Cup.

Firing Competition, Field Artillery, Province of Ontario. Same conditions as No. 5. Presented by Lieut.-Colonel C. E. Montizambert, Assistant Inspector of Artillery. Not competed for.

HELD PREVIOUSLY BY:

- 1883 No. 1 Battery, 1st Brigade.
- 1884 Welland Canal Field Battery.
- 1885 No. 2 Battery, 1st Brigade.
- 1886 Ottawa Field Battery.
- 1887 Durham "
- 1888 Gananoque "
- 1889 Hamilton "
- 1890 No. 1 Battery, 1st Brigade.
- 1891 Durham Field Battery.

Gzowski Challenge Cup.*

Presented by Colonel Sir Casimir Gzowski, K. C. M. G., A. D. C. to the Queen. To be held for one year by the Battery making shortest time in Drill and Driving Competition. Won 1892 by Quebec Field Battery. Major Crawford, Lindsay, Comdg.

Mercier Challenge Trophy.

Presented by Hon. Honoré Mercier. To be competed for with 64-pr. R.M L. guns. To become the property of any Battery winning it in three successive competitions. Won by No. 3 Battery, Halifax Brigade, Capt. Maxwell, Comdg

- 1890 Held by Cobourg Garrison Battery.
- 1891 " Digby " "

Turnbull Challenge Shield.

To be held for the year by the Battery making the highest aggregate score with 64-pr. R. M. L. and 40-pr. R. B. L. guns. Won by No. 3 Battery, Halifax Brigade.

- 1890 Held by Cobourg Battery Garrison Artillery.
- 1891 " No. 4 " Halifax Brigade.

*Cup previously presented by Sir Casimir Gzowski for competition in 1884 was finally won in 1891 by the Durham Field Battery.

General Orders.

The following are among the more important paragraphs of the General Orders published since the last edition of the Regulations and Orders for the Militia was issued :

General Order No. 2, 13th January, 1888.

6.—ARTILLERY STORE LEDGERS.

The attention of Officers commanding Brigades or Batteries is directed to the necessity of keeping these Ledgers at all times properly posted up to date.

The present state of the equipment in all its details, and all additions thereto are to be shown on the Dr. side, all expenditures from any cause to be noted on the Cr. side. The Ledger accounts are to be balanced on the 31st December, each year, and an abstract thereof on the Annual Store Return, forwarded to the District Staff.

The Ledger is required to be shewn at all inspections either by District Staff or Inspector of Artillery, and the Inspecting Officer is required to satisfy himself, by actual inspection, as to the correctness of the entries therein.

General Order No. 3, 21st March, 1890.

NO. 3.—ARTILLERY STORE LEDGER.

Adverting to No. 6 of General Orders (2) 13th January, 1888, it is to be understood that the inspections therein referred to, include the half yearly inspections by the District Staff, at which the state and condition of all Artillery Stores, Equipment, Harness, etc., is to be verified by comparison with the entries in the Store Ledger.

General Order No. 20, 20th November, 1891.

NO. 1.—CARE OF ARMS AND EQUIPMENT.

The following is added as sub-section (2) of paragraph 307. Regulations and Orders, 1887 :—

(2) In accounting for articles of Equipment not forthcoming at inspection,

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Orders, 188

(3) If
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the simple statement—Expended—Lost in Camp. &c.—cannot be accepted. In the case of Field Batteries, a statement accounting for the manner in which the stores shown as “Expended” were used in the public service must accompany the Annual Report of stores on charge. Only ammunition and cleaning stores are to be entered in this column. All other articles must be returned to store if unserviceable.

NO. 2.—REQUISITIONS.

The following is added to sub-section (3) of paragraph 771, Regulations and Orders, 1887.

(3) If the requisition is for articles to replace unserviceable ones, it is to be accompanied by a corresponding one to receive the unserviceable articles into store



Circulars 1892.

CIRCULAR NO. 1.

The following changes in Rules for Practice, 1890, etc., have been approved and are published for general information :—

1. The following addition will be made to Rule 3 : “After the gun is laid and the tangent scale lowered, the officer in charge of the detachment may, without interfering with the sights, ascertain if the gun is laid for the correct target, if not, the competitor will be required to re-lay the gun, losing the time necessarily so occupied, in addition to a penalty of two points.

Rule 9 to be cancelled, and the following substituted therefor :

Each competitor may be told the points given for direction. The observation of the effect of each shot will be made by the officer in charge of the detachment, who will communicate it to the competitor, at the same time giving necessary directions as to changes in elevation or deflection.

Except when sanctioned by the Umpire, the observing officer is not to take any position in front of, or more than 20 yards from the gun.

3. In ‘Rules for Marking’—*Land ranges*—the interval between banrols 1 and 1 will be reduced to 60 feet. The target will be placed at the No. 1 banrol nearest the gun, and will be made of linen or cotton, on a light iron or wooden frame.

Extra points will no longer be given for a Direct hit.

4. *Efficiency Competition*—Field Batteries. The marks for ‘Discipline and Camping’ will be increased from 24 to 36, the latter being sub-divided into :

Discipline, Kits, etc.,	16
Camping, order of tents, horse lines, etc.	12
Battery books, records, list of stores	8
	36

The marks for ‘marching past’ to be reduced to 15 instead of 30.

5. “Messing arrangements in Artillery Practice Camps.—Each detachment will be provided with, and charged for, subsistence whilst actually in camp, at a rate not exceeding 75 cents per diem.

Detachments will proceed to camps directly on arrival at the station, and the duration of their stay in camp will be at the discretion of the Camp Commandant. It is to be understood that each Battery detachment is to be accompanied by at least one officer of the Brigade or Battery it represents.

Detailed instructions for camps will be published subsequently.

6. *Observer's Prizes.*—Each officer in charge of a detachment at 9-pr. or 64-pr. competitive gun practice, will be required to keep a record of each round, noting the elevation, deflection, and length of fuze, together with his estimate of the number of yards, under or over, of each shell.

This estimate will be subsequently compared with the recorded results, as furnished by the Range party, and the following prizes are offered :—

To the officer making the most accurate average observations—for each nature of gun :

1st Prize, value	.. .. .	\$25 00
2nd “ “	.. .. .	15 00
3rd “ “	.. .. .	10 00

D. T. IRWIN, LIEUT.-COL., Insp. Art.,
Pres. Ex. Com.

OTTAWA, May 5th, 1892.

Annual Gun Practice, 1892.

GARRISON BATTERIES.

1. The following arrangements will be made for the Annual Gun Practice of Garrison Brigades or Batteries in the Dominion.
2. With the approval and sanction of the Honorable the Minister of Militia, and the Major General Commanding the Militia, a Garrison Artillery Competition will be held at Halifax during the first week in August, under the auspices of the Dominion Artillery Association.
3. Transport will be provided by the Militia Department from local headquarters to Halifax and return, for detachments of not more than two officers and seven N. C. officers or gunners from each affiliated battery, the British Columbia Brigade excepted.
4. The Batteries of the British Columbia Brigade are authorized to perform their annual gun practice at local headquarters.
5. The N. C. Officers and Gunners of each detachment must have attended, at least, one annual drill, and be *bona fide* members of the Brigade or Battery they represent, and be accompanied by at least one officer thereof.
6. An allowance of *seventy-five* cents will be paid to each N. C. Officer or Gunner for each day necessarily absent from headquarters. Officers commanding Brigades or Batteries will make the necessary application for transport requisitions through the District Staff and will notify the Inspector of Artillery before the 1st July as to the number of officers and detachments for whom transport will be required.

General regulations for the several competitions will be published subsequently.

D. T. IRWIN, *Lt. Colonel,*
Inspector of Artillery.

Ottawa, 9th June, 1892.

FIELD BATTERIES.

1. The following arrangements will be made for the Annual Gun Practice of Field Batteries in the Dominion.

2. The Winnipeg and Sydney Batteries will practice at local head-quarters under the same rules and conditions as in 1891.

3. Transport will be allowed from Battery head-quarters and return for the Batteries in Ontario and the Shefford Battery to Kingston, and for the Montreal, Newcastle and Woodstock Batteries to Quebec.

4. Each detachment to consist of from one to four officers and eight N. C. officers or gunners.

5. The number of rounds to be expended and the general rules and conditions will be the same as in 1891. Range about 1,800 yards.

6. Tents, blankets, etc., will be supplied at Camp at Kingston, and transport provided to and from Camps to the Railway Station. The Newcastle and Woodstock detachments will be accommodated in the Citadel.

7. Detachments must come to camp in marching order, and in every case be accompanied by an officer of their Battery.

8. The Umpire will have full discretionary powers to disqualify any detachment or to inflict a penalty of from two to five points for each irregularity or mistake at drill noticed by him.

Ties to be decided by—

1. Points for direction.
2. Common shell score.
3. Time.

9. The following will be the order of firing at Kingston :

TUESDAY,	13th September,	.. .. .	Ottawa.
			Toronto.
WEDNESDAY,	14th	"	1st Brigade.
			Durham.
THURSDAY,	15th	"	Shefford.
			Hamilton.
			London.
FRIDAY,	16th	"	Gananoque.
			Kingston.
			Welland Canal.

10 At Quebec :

Newcastle.	Woodstock.
Quebec.	Montreal.

On dates to be named subsequently.

11. Officers commanding Batteries are requested to notify the Commandants at Quebec and Kingston respectively as to the date and hour of the arrival of their detachments and the number of officers.

Signed,
OTTAWA, 5th July, 1892.

D. T. IRWIN, Lt.-Colonel,
Inspector of Artillery.

GENERAL REGULATIONS.

The following Firing and Shifting Ordnance Competitions will be held at Halifax, N. S., commencing Monday, the 1st August.

Firing Competitions—

Four competitors selected from each detachment of seven N. C. Officers or gunners. To fire each—

64-pr. R. M. L. gun—Common shell, plugged	3
Shrapnel shell, time fuze	1
Total	4
20-pr. R. B. L. gun—Common shell, plugged	3

Range for 64-pr. about 2,000 yards, and for 20-pr. about 1,700 yards.

Officers' Competition—64-pr. R. M. L. gun.

Open to all combatant officers present with detachments. To fire each—

Common shell, plugged	4
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GENERAL RULES FOR FOREGOING COMPETITIONS.

(a.) Each detachment to be present and complete ten minutes before the hour fixed; the officer in charge, who will remain with his detachment during its practice, to be provided with a list of their names, which he will hand to the Umpire, who will decide the order of firing by lot.

(b.) Detachment to parade in clean fatigue dress for competition.

(c.) If considered necessary, two trial shots from each nature of gun may be

fired by the Umpire at the commencement of each day's firing, or if target has to be shifted,—the results to be signalled and fully recorded.

(d.) The Umpire will have full discretionary powers to disqualify any detachment, or to inflict a penalty of from two to five points for each irregularity or mistake at drill noticed by him.

- (e.) Ties to be decided by 1—points for direction.
2—common shell score.
3—time.

If still a tie then by firing 20-pr. plugged shell at longer range.

(f.) General rules for practice as published by Inspector of Artillery.—Umpire's decision to be final. No appeal.

The following will be the order of firing of the several detachments,—subject to necessary modifications at the discretion of the Camp Commandant :—

	Detachments.
Monday 1st—Halifax	3
Tuesday 2nd—Yarmouth.....	1
Digby.....	1
Mahone Bay.....	1
Wednesday 3rd—Montreal	3
Montreal Shifting Ordnance	
Thursday 4th—Montreal.....	3
Friday 5th—Quebec.....	3
Saturday 6th—P. E. I. Brigade.....	3
Halifax Shifting Ordnance.	
Monday 8th—P. E. I. Brigade.....	2
Cobourg.....	1
P. E. I. Shifting Ordnance.	
Tuesday 9th—N. B. Brigade.....	2
Pictou.....	1
N. B. Shifting Ordnance.	
Wednesday 10th—N. B. Brigade.	3
Thursday 11th—Halifax Brigade.....	4

Prize List, 1892.

Firing Competitions.

BADGES.

To the highest score in each battery—field or garrison—a badge of silver cross guns.

To the four next highest in a field battery, and the two next highest in a garrison battery, a badge of embroidered cross guns each.

Scores will not count for badges unless half the possible score is made.

ROYAL MILITARY COLLEGE.

Badges as for a Field Battery.

Prizes, value.....	\$25 00	
		\$25 00

ROYAL SCHOOLS OF ARTILLERY.

9-pr. R.M.L. Guns.

Aggregate	\$15 00	
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Individual :—

1st Prize	6 00	
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2nd "	4 00	
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Badges as for Field Batteries.

64-pr. R.M.L. Guns.

Aggregate.....	15 00	
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Individual :—

1st Prize	6 00	
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2nd "	4 00	
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Badges as for Garrison Battery.

50 00

FIELD BATTERIES.

GENERAL COMPETITION.

9-pr. R.M.L. Guns.

Aggregate Scores—1*	Oswald Cup.....	\$55 00
2	.....	45 00
3	.....	35 00
4	.....	25 00
5	.....	15 00
6	.....	10 00

185 00

* Cup to become the property of any Battery winning it two years in succession. Battery making highest score in Province of Ontario gets the Montizambert Cup on the same condition.

Individual Scores--1 at \$15.....	\$15 00	
2 " 10.....	20 00	
2 " 8.....	16 00	
2 " 6.....	12 00	
3 " 5.....	15 00	
4 " 4.....	16 00	
5 " 3.....	15 00	
5 " 2.....	10 00	
		114 00

OFFICERS' FIRING COMPETITION.

1st Prize.....value	\$25 00	
2nd "	15 00	
3rd "	10 00	
		50 00

64 Pr. Guns.

OFFICERS' COMPETITION—LOCAL HEADQUARTERS.

1st Prize.....	\$15 00	
2nd "	10 00	
		25 00

Batteries practising at local headquarters, including those in British Columbia, prizes at the rate of \$10 per Battery.

Officers' Observing Competition.

To the officer making the most accurate average observations—for each nature of gun :—

1st Prize.....value	\$25 00	
2nd "	15 00	
3rd "	10 00.	
		50 00

Drill and Driving Competition.

1 Gzowski Challenge Cup and.....	\$35 00	
2	25 00	
3	15 00	
4	10 00	
		85 00

Shifting Ordnance Competition.

Royal Schools of Artillery..... 25 00

GARRISON BATTERIES.**HALIFAX, N.S.**

Shift A—1st Prize.....	\$40 00	
2nd "	30 00	
3rd "	15 00	
		85 00

Shift B—1st Prize.....	\$40 00	
2nd "	30 00	
3rd "	15 00	
		85 00

One first prize if only two detachments or under compete; two prizes if three detachments compete, and three prizes if five detachments compete.

BRITISH COLUMBIA.

One prize if two or more Batteries compete..... \$20 00

Short Course Efficiency.

To N. C. Officer or Gunner obtaining highest decimal at R.S.A., Kingston, Quebec and Victoria, each :—

1st Prize.....	\$15 00	
2nd "	10 00	
3rd "	8 00	
4th "	5 00	
		114 00

Voluntary Drills.

Highest Average.....	\$20 00	
Second.....	10 00	
		30 00

GARRISON BATTERIES.

COMPETITIONS AT HALIFAX, N. S.

64 pr. R. M. L. Guns.

Aggregate Scores—1	.....	\$30 00	
2	.....	20 00	
3	.....	15 00	
4	.....	10 00	
			75 00
Individual Scores—1	at \$10.....	\$10 00	
2	" 8.....	16 00	
4	" 6.....	24 00	
5	" 2.....	10 00	
			60 00

20-pr. or 40 pr. B.L.R. Guns.

Aggregate Scores—1	.....	\$25 00	
2	.....	15 00	
3	.....	12 00	
4	.....	8 00	
			60 00
Individual Scores—1	at \$8.....	\$8 00	
2	" 5.....	10 00	
3	" 4.....	12 00	
5	" 2.....	10 00	
			40 00

Aggregate 64 and 40 pr. Guns.

1	.....	\$25 00	
2	.....	15 00	
3	.....	10 00	
			50 00

OFFICERS' FIRING COMPETITION

1st Prize.....	value	\$25 00	
2nd ".....	"	15 00	
3rd ".....	"	10 00	
			50 00

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Ottawa, 1st J

General Efficiency.**FIELD AND GARRISON.**

1st.	To Battery making highest total points in their respective arm, Cup or Trophy presented by His Excellency the Governor General, value \$50 and.....	\$25 00	
2nd	To Battery making the second highest total points, Lansdowne Cup to be held for the year, and.....	40 00	
3rd	.....	25 00	
		<hr/>	90 00

By order,

J. B. DONALDSON, *Captain,*
Secretary-Treasurer.

Ottawa, 1st June, 1892.



Summary of Prizes Awarded.

FIELD ARTILLERY. 9-PR. R.M.L. GUNS.

AGGREGATE SCORES.

1	Woodstock Battery.....	217 points.....	\$55 00
2	Winnipeg ".....	212 ".....	45 00
3	Newcastle ".....	205 ".....	35 00
4	Shefford ".....	190 ".....	25 00
5	Montreal ".....	178 ".....	15 00
6	Quebec ".....	167 ".....	10 00

INDIVIDUAL SCORES.

Name.	Battery	Score.	Dir.	C. S. Score.
1 Q. M. Sergt. Russell.....	Newcastle.....	37	.....	\$15 00
2 Bdr. Berube.....	Quebec.....	36	.....	10 00
3 Sergt. Garrioch.....	Winnipeg.....	34	11	10 00
4 Bdr. Peabody.....	Woodstock.....	34	10	8 00
5 Sergt. Purdy.....	Shefford.....	34	10	24 8 00
6 Sgt.-Major Brewer.....	Woodstock.....	32	11	6 00
7 Corpl. Gault.....	Winnipeg.....	32	9	6 00
8 Sergt. Roundthwaite.....	".....	31	10	5 00
9 Gunner E. Brown.....	Montreal.....	31	8	22 5 00
10 Sergt. Matheson.....	Newcastle.....	31	8	18 5 00
11 Corpl. Good.....	Woodstock.....	30	12	4 00
12 Sergt. Barter.....	".....	30	9	4 00
13 Sergt. Reid.....	Shefford.....	30	8	4 00
14 Corpl. Finnigan.....	Winnipeg.....	29	11	4 00
15 Sergt.-Maj. Brady.....	".....	29	9	24 3 00
16 Sergt. Kethro.....	Newcastle.....	29	9	18 3 00
17 Corpl. Brown.....	Woodstock.....	29	9	15 3 00
18 Sergt. Scott.....	".....	29	8	19 3 00
19 Corpl. Willison.....	Newcastle.....	29	8	19 3 00
20 Sergt. Bathie.....	Winnipeg.....	28	.....	2 00
21 Sergt.-Major Seale.....	Shefford.....	27	.....	2 00
22 Sergt. St. Pierre.....	Quebec.....	26	.....	2 00
23 Corpl. Johnston.....	Montreal.....	25	10	2 00
24 Corpl. Wilson.....	".....	25	8	2 00

OFFICERS' FIRING COMPETITION.

1	Lieut. Costigan, Montreal Field Battery..	19 points.....	15 00
2	Capt. Dridge, Winnipeg ".....	13 ".....	15 00
3	Lieut. Good, Woodstock ".....	11 ".....	15 00

1 No. 3 B
2 No. 2
3 No. 3
4 No. 6

1 Corpl. J
2 Sergt. M
3 Sgt.-Ma
4 Gunner
5 Sgt.-Ma
6 Gunner
7 Corpl. L
8 Sergt. F
9 Corpl. M
10 Corpl. M
11 Gunr. M
12 Sgt. We

1 No. 5 Ba
2 No. 5
3 No. 2
4 Digby Ba

1 Gunr. Mo
2 Bdr. Cla
3 Gunr. Mo
4 Sgt. Wea
5 Sgt. Prin
6 Corpl. Du
7 " Dew
8 Bdr. John
9 Gunr. Car
10 Sgt.-Maj.
11 Corpl. Mon

1 No. 3 Batt
2 No. 2 Batt
3 No. 3 Batt

Garrison Artillery Competition.

64-PR. R.M.L. GUN.

AGGREGATE SCORES.

1	No. 3 Battery, Halifax Brigade.....	81 points.....	\$30 00
2	No. 2 " Quebec "	76 "	20 00
3	No. 3 " P. E. I. "	62 "	15 00
4	No. 6 " Halifax "	54 "	10 00

INDIVIDUAL SCORES.

1	Corpl. Jensen.....	No. 3 By., Halifax Bde.....	27 points	10 00
2	Sergt. Migneault.....	No. 2 By., Quebec.....	23 "	8 00
3	Sgt.-Maj. Marshall....	No. 6 By., Halifax Bde.....	22 "	8 00
4	Gunner Morgan.....	No. 3 By., " "	20 "	8 00
5	Sgt.-Maj. Case.....	No. 3 By., " "	20 "	6 00
6	Gunner Watson.....	No. 6 By., " "	19 "	6 00
7	Corpl. Laliberte	No. 2 By., Quebec.....	19 "	6 00
8	Sergt. Frenette.....	No. 2 By., "	19 "	2 00
9	Corpl. Martineau.....	No. 1 By., Levis.....	18 "	2 00
10	Corpl. McDonald.....	No. 3 By., P.E.I. Bde.....	18 "	2 00
11	Gunr. McFarquhar....	No. 2 By., Halifax Bde.....	17 "	2 00
12	Sgt. Weatherby.....	No. 3 By., P.E.I. "	17 "	2 00

20-PR. R.B.L. GUNS.

AGGREGATE SCORES.

1	No. 5 Battery, P. E. I. Brigade.....	51 points.....	\$25 00
2	No. 5 " Montreal "	49 "	15 00
3	No. 2 " Halifax "	47 "	12 00
4	Digby Battery.....	46 "	8 00

INDIVIDUAL SCORES

1	Gunr. Moody....	No. 7 By., Halifax Bde....	23 points.....	\$8 00
2	Bdr. Clarke.....	Cobourg Battery.....	20 "	5 00
3	Gunr. Morgan...	No. 3 By., Halifax Bde..	18 "	4 50
4	Sgt. Weatherby.	No. 3 By., P. E. I. " ..	18 "	4 50
5	Sgt. Pringle.....	No. 5 By., Montreal " ..	18 "	4 00
6	Corpl. Dubeau...	No. 2 By., Quebec.....	18 "	4 00
7	" Dewar.....	No. 5 By., P. E. I. Bde....	17 "	2 00
8	Bdr. Johnson....	Yarmouth By..	17 "	2 00
9	Gunr. Carman...	No. 4 By., N.P. Bde.....	17 "	2 00
10	Sgt.-Maj. Ward..	No. 2 By., Halifax " ..	16 "	2 00
11	Corpl. Morrison..	No. 3 By., Montreal " ..	16 "	2 00

AGGREGATE SCORES 64-PR. AND 20-PR. GUNS.

1	No. 3 Battery, Halifax Brigade.....	120 points.....	\$25 00
2	No. 2 Battery, Quebec.....	119 "	15 00
3	No. 3 Battery, P. E. I. Brigade.....	108 "	10 00

OFFICERS' COMPETITION, (FIRING.)

Lieut. Stewart.....	P. E. I. Bde.....	\$25 00
Lieut Easton.....	" ".....	15 00
Lieut. MacNachtan..	Cobourg Battery.....	10 00

Observing Competition.

FIELD ARTILLERY.

1 Lieut. Good....	Woodstock Field Battery.....	\$25 00
2 Major Coutlee.....	Winnipeg " ".....	15 00
3 Major Hon. J. S. Hall....	Montreal " ".....	10 00

GARRISON ARTILLERY.

1 Major Maxwell....	Halifax Brigade.....	\$25 00
2 Capt Fellowes.....	" ".....	15 00
3 Lieut. Hudon.....	No. 2 By., Quebec.....	10 00

GENERAL EFFICIENCY.

FIELD ARTILLERY.

1 No. 2 Battery, 1st Brigade.....	Cup and	\$25 00
2 Hamilton Field Battery.....		40 00
3 Montreal " ".....		25 00

GARRISON ARTILLERY.

1 No. 3 Battery, Halifax Brigade.....	Cup and	\$25 00
2 No. 5 " " ".....		40 00
3 Nos. 1 and 4 Batteries, N.B. Brigade (tie).....		25 00

From the Pr

SIR,—I
Association w
end of the
Osborne, G.,
by the Asso
(theoretical)

The bad
years. I hav

Cadet
Corpo
"
"
Cadet

As I poi
in maintaini
and in drill.
much indebt

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tion take plac
ciation could,
instead of at
giving. This
are anxious to

Royal Military College Competition.

From the Professor of Artillery

To the Staff Adjutant R.M.C.

R. M. COLLEGE,

KINGSTON,

4 November, 1892.

SIR,—I have the honor to inform you that the prizes given by the D. A. Association were competed for by the Cadets of the 2nd and 3rd classes at the end of the term 1891-92. I have recommended Cadets Hollinshead and Osborne, G., for the prizes obtained with the *twenty-five* dollars annually given by the Association. These Cadets were first in the Artillery Examination (theoretical) in the 2nd and 3rd classes respectively.

The badges were competed for in the same manner as in the two previous years. I have recommended that they be given to :—

Cadet Sweney,

Corporal Fisher,

“ Strickland,

“ Armstrong, C.

Cadet Bell.

As I pointed out last year these prizes and badges are of very great value in maintaining a keen interest amongst the Cadets both in theoretical Artillery and in drill. The Artillery branch of instruction at the R.M.C. is, therefore, much indebted to the D. A. Association for granting them.

Under the present regulations the competition and theoretical examination take place before the end of the term (1st July). If, therefore, the Association could, without inconvenience, give the badges and prize money in June instead of at the present time, they would be distributed at the annual prize-giving. This suggestion more especially applies to the badges which the Cadets are anxious to wear from the commencement of the following term.

I have the honor to be,

Sir,

Your obedient Servant,

C. E. ENGLISH,

Captain R.A.

Professor of Artillery, R.M.C.

Record of Practice showing Score of each Competitor

"B" Battery, Quebec.

RANK AND NAMES.	No. of round	SCORE.			TIME.		Points lost for Overtime	Final Total	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.			
Bomb. S. Jordan.....	1	1	6	7					Practice carried on at Is nd land of Orleans, Range 1850 yds., Fuze 10.5, wind "light." Short 31Blind, Embd. Badge.
	2	2	4	6					
	3	2	4	6					
	4	2	6	8					
	5	2	.	.					
	6	2	2	4	6	30			
Sergt. A. Costin.....	1	2	2	4					Blind. 27Embroidered Badge. Short. Short
	2	2	2	4					
	3	2	4	6					
	4	2	4	6					
	5	2	1	3					
	6	2	2	4	6	03			
Bomb. J. Small.....	1	2	.	.					Short. 11Blind.
	2	2	.	.					
	3	2	2	4					
	4	2	2	4					
	5	2	.	.					
	6	2	1	3	7	45			
Staff-Sergt. J. O'Grady.....	1	2	4	6					Silver Cross Guns
	2	2	2	4					
	3	2	6	8					
	4	1	4	5					
	5	2	5	7					
	6	2	4	6	6	45		36	
Sergt. J. Slade.....	1	2	4	6					Embroidered Badge.
	2	2	4	6					
	3	2	2	4					
	4	2	6	8					
	5	2	1	3					
	6	2	5	7	7	17		34	
Bomb. W. A. Simpson	1	1	.	.					Over.
	2	2	4	6					
	3	1	4	5					
	4	1	4	5					
	5	2	5	7					
	6	2	0	.	7	16		23	
Bomb. W. Morgan.....	1	2	4	6					Blind. 34
	2	2	4	6					
	3	2	4	6					
	4	2	2	4					
	5	2	4	6					
	6	2	3	5	7	30		33	
Driver J. Laflamme.....	1	1	4	5					Out over.
	2	2	2	4					
	3	1	4	5					
	4	2	.	.					
	5	2	5	7					
	6	2	.	.	8	..		21	

* "A" Battery Score not yet received.

RECORD OF PRACTICE, ETC.—Continued.

FIELD BATTERIES.

Competition with 9-r. R.M.L. Guns.

Winnipeg Battery.

RANK AND NAMES.	No. of round	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.			
Corporal Finnigan...	1	1	4	5					
	2	2	6	8					
	3	2	.						
	4	2	4	6					
	5	2	3	5					
Sergeant Roundthwaite.....	6	2	3	5	8	..		29	Embroidered badge.
	1	1	4	5					
	2	2	2	4					
	3	1	6	7					
	4	2	2	4					
Sergeant Garrioch.....	5	2	5	7					
	6	2	2	4	6	55		31	Embroidered badge.
	1	2	6	8					
	2	2	6	8					
	3	2	2	4					
Q.-M. Sergeant Grierson.....	4	2	6	8					
	5	2	.						
	6	1	5	6	8	58		34	Silver cross guns.
	1	1							
	2	2							Umpire—Lt -Col.Cotton
Corporal Gault.....	3	1							
	4	1	4	5					Practice carried out on
	5	1	4	5					28th June, 1892.
	6	2			5	58		10	at Winnipeg. Fuze 9.5
	1	1	6	7					At one time during the
Sergt.-Major Brady.....	2	2	6	8					practice it was neces-
	3	1	4	5					sary to lower the left
	4	1	6	7					wheel in order to in-
	5	2	.						crease the deflection.
	6	2	3	5	7	00		32	Embroidered badge.
Sergeant Bathie.....	1	1	4	5					
	2	2	4	6					
	3	2	4	6					
	4	1	6	7					Embroidered badge.
	5	2	3	5					
Sergeant Bourk.....	6	1			7	05		29	
	1	.	4						
	2	2	2	4					
	3	2	6	8					
	4	1	2	3					
Sergeant Bourk.....	5	1	5	6					
	6	2	5	7	7	39		28	
	1	1	6	7					
	2	2	.	.					
	3	2	.	.					
Battery total... ..	4	2	4	6					
	5	2	4	6					
	6	2	.	.	6	50		15	

Battery total... .. 212

RECORD OF PRACTICE, ETC.—Continued.

Quebec Battery.

RANK AND NAMES.	No. of round.	Time.			Score		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.			
Sergt. Cloutier.....	1	2	.	.	.	.	.	.	Short.
	2	.	.	.	.	.	.	.	Out right and short.
	3	2	4	6	.	.	.	.	Over.
	4	1	.	.	.	.	.	.
	5	2	5	7	.	.	.	.
Q.-M. Sergt, Hamel.....	6	1	1	2	6	16	.	15	Blind.
	1	2	.	.	.	.	.	.	Short.
	2	1	.	.	.	.	.	.	"
	3	1	.	.	.	.	.	.	"
	4	1	.	.	.	.	.	.	"
	5	2	5	7	.	.	.	.
Sergt. St. Pierre	6	2	5	7	6	15	.	14	Out right.
	1	.	4	.	.	.	.	.	"
	2	1	4	5	.	.	.	.	Embroidered cross guns
	3	2	6	8	.	.	.	.
	4	2	4	6	.	.	.	.	Blind.
	5	1	2	3	.	.	.	.	"
Sergt. Marcheterre.....	6	2	2	4	8	41	.	26	Out right.
	1	4	.	.	.	.	.	.	"
	2	2	.	.	.	.	.	.	Over.
	3	2	.	.	.	.	.	.	"
	4	1	.	.	.	.	.	.
	5	2	5	7	.	.	.	.
Sergt. Moisan	6	2	5	7	8	30	.	14	
	1	.	2	.	.	.	.	.	Out right.
	2	1	4	5	.	.	.	.
	3	1	4	5	.	.	.	.	Embroidered cross guns
	4	1	4	5	.	.	.	.
	5	2	4	6	.	.	.	.
Corporal Berube.....	6	1	2	3	.	.	.	.	24 Blind.
	1	1	4	5	.	.	.	.
	2	1	2	3	.	.	.	.	Out right.
	3	4	.	.	.	.	.	.
	4	1	4	5	.	.	.	.
	5	1	4	5	.	.	.	.
Bomb. O. Berube.	6	1	3	4	9	41	2	20	Blind.
	1	1	6	7	.	.	.	.
	2	2	4	6	.	.	.	.
	3	1	2	3	.	.	.	.
	4	2	4	6	.	.	.	.
	5	2	5	7	.	.	.	.	Silver cross guns.
Sergt. Maj. Bertrand....	6	2	5	7	.	.	.	36	Over.
	1	1	.	.	.	.	.	.
	2	1	6	7	.	.	.	.
	3	2	2	4	.	.	.	.
	4	1	2	3	.	.	.	.
	5	1	.	.	.	.	.	.	Over.
	6	2	5	7	10	05	3	18	
Battery total.....									167

Fired with Montreal Battery at Island of Orleans, 27 Sept, '92. Wind "gale" deflection 30 min. left.

Shefford Battery.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.			
Segt.-Major Seale.....	1	1	6	7					
	2	2	2	4					
	3	2	.						
	4	1	4	5					
	5	2	4	6					
Qr.-Mr.-Segt. Nealy.....	6	2	3	5	6	25		27	Embroidered Badge.
	1	2	4	6					
	2	2	4	6					Embroidered Badge.
	3	1	6	7					
	4	1	.						Short.
Sergt. Purdy.	5	2	3	5					
	6	2	.		7	20		24	Burst Short.
	1	1	4	5					
	2	1	4	5					
	3	2	6	8					Silver cross guns.
Sergt. Dudley.....	4	2	4	6					
	5	2	1	3					Blind.
	6	2	5	7	6	32		34	
	1	1	6	7					
	2	1	4	5					
Sergt. Reid.....	3	1	2	3					
	4	1	4	5					Short.
	5	1	.						Blind.
	6	1	1	2	5	43		22	
	1	1	4	5					
Corporal Bell....	2	1	4	5					
	3	2	6	8					Embroidered Badge.
	4	1	6	7					
	5	1	.						Short and Blind.
	6	2	3	5	8	05		30	
Sergt. W. Irwin.....	1	2	2	4					
	2	1	2	3					
	3	2	.						Short.
	4	1	4	5					
	5	2	5	7					
Corporal Irwin...	6	1	.	.	7	19		19	Short.
	1	2	.	.					Short.
	2	.	4	.					Out Right.
	3	2	.	.					Short.
	4	2	2	4					
Battery Total.....	5	2	3	5					
	6	1	4	5	6	24		14	
	1	2	6	8					
	2	2	.	.					Short.
	3	1	.	.					"
	4	2	.	.					"
	5	2	3	5					
	6	2	5	7	7	10		20	
Battery Total.....									190

[illegible]

Newcastle Battery.

RANK AND NAMES	No. of round	SCORE. TIME					Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.			
Corpl. Holt...	1	2	2	4					
	2	.	4						Out Left.
	3	.	.						Out Right and Over.
	4	2	4	6					
	5	2	4						Out Under.
	6	2	5	7	8	15		17	
Sergt. Kethro.	1	1	4	5					See remarks Woodstock Field Battery.
	2	1	4	5					
	3	2	6	8					
	4	1	.						Over.
	5	2	3	5					Embroidered Badge.
	6	2	4	6	8	07		29	
Sergt. O'Shaughnessy.....	1	2	4	6					
	2	2	.						Short.
	3	2	2	4					
	4	2	6	8					
	5	2	4	6					
	6	2	.		8	25			24Short, Blind.
Sergt. Maj. Touchey.....	1	2	.						Short.
	2	.	4						Out Right.
	3	1	4	5					
	4	.	.						Out Right and Over.
	5	2	4	6					
	6	2	5	7	8	35		18	
Q.-M. Sergeant Russell.....	1	1	4	5					
	2	1	4	5					
	3	2	6	8					
	4	2	4	6					Silver Cross Guns.
	5	2	5	7					
	6	2	4	6	6	45		37	
Sergt. Matheson.. ..	1	.	4						Out Right.
	2	1	4	5					
	3	1	6	7					
	4	2	4	6					
	5	2	5	7					Embroidered Badge.
	6	2	4	6	8	40		31	
Corpl. Willison... ..	1	1	6	7					
	2	2	6	8					Embroidered Badge.
	3	2	2	4					
	4	.	2						Out Right.
	5	1	2	3					Blind.
	6	2	5	7	9	00		29	Out Right.
Corpl. D. Willison.....	1	.	4						
	2	2	4	6					
	3	2	6	8					
	4	2	4	6					
	5	2	.						Burst Over.
	6	1	.		8	1		20	"
Battery Total... ..								205	

RECORD OF PRACTICE, ETC.—Continued.

Woodstock Battery.

RANKS AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final total.	REMARKS.
		Div.	Elev.	Total.	Min.	Sec.			
Sergt. Van Wart.....	1	2	.						Over. Fired with New-
	2	2	.						Over. castle Field Bat-
	3	1	2	3					tery at Island of
	4	1	6	7					Orleans on 26.9
	5	2	3	5					92. Wind "light"
Sergt.-Major Brewer.....	6	2	.		6	58		15 Short.	Range 1850 yards
	1	2	4	6					Fuze 10.5.
	2	2	4	6					
	3	2	4	6					
	4	1	6	7					
	5	2	5	7					
Sergt. Scott.....	6	2	.		8	28		32 Short.	Embroidered badge.
	1	1	4	5					
	2	2	4	6					
	3	1	2	3					
	4	1	4	5					
	5	1	2	3					
Corpl. Brown.....	6	2	5	7	6	30		29	Blind.
	1	1	4	5					
	2	2	2	4					
	3	1	2	3					
	4	1	2	3					
	5	2	5	7					
Bomb. Peabody.....	6	2	5	7	8	55		29	Embroidered badge.
	1	2	2	4					
	2	2	4	6					
	3	1	6	7					
	4	2	6	8					
	5	1	5	6					
Corpl. Good.....	6	2	1	3	7	26		34	Silver Cross Guns.
	1	2	2	4					Blind.
	2	2	2	4					
	3	2	2	4					
	4	2	6	8					
	5	2	5	7					
Sergt. Barber.....	6	2	5	7	11	.. 4		30	Embroidered badge.
	1	1	6	7					
	2	2	6	8					
	3	2	6	8					
	4	1	.						Embroidered badge.
	5	1	.						Over.
Sergt. Taylor.....	6	2	5	7	9	..		30	Short.
	1	1	4	5					
	2	1	.						Over.
	3	.	4						Out right.
	4	2	4	6					
	5	2	5	7					
	6	1	.		8	55		18	Burst over.
Battery total .. .									217

RA
Lieut. Mal
Newcastl
Capt. Em
Woodsto
Lieut. Cos
Montreal
Capt. Doid
Winnipe
Lieut. Gaw
Shefford.
Capt. Kay
Shefford.
Lieut. Goo
Woodsto
Major Cou
Winnipe
Lieut. Arn
Winnipe
Major Dibl
Woodsto
Capt. Hoop
Montreal

RECORD OF PRACTICE, ETC.—Continued.

Officers—Field Battery Competition.

RANK AND NAMES.	No. of round.	SCORE.			TIME.		Points lost for Overtime.	Final total.	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.			
Lieut. Maltby	1	3	6	8					
Newcastle.	2	2	4	6					
	3	2	6	8	4	05		22	Did not affiliate.
Capt. Emory	1	2	6	8					
Woodstock.	2	2	6	8					
	3	2	2	4	3	47		20	do
Lieut. Costigan.....	1	1	4	5					
Montreal.	2	2	6	8					
	3	2	4	6				19	
Capt. Doidge.....	1	1	.	.					
Winnipeg.	2	2	6	8					
	3	1	4	5	3	04		13	
Lieut. Gaw.....	1	2	.	.					
Shefford.	2	2	4	6					
	3	1	6	7	3	17		13	Did not affiliate.
Capt. Kay	1	2	4	6					
Shefford.	2	2	2	4					
	3	1	2	3	3	46		13	do
Lieut. Good.. ..	1	1	4	5					
Woodstock.	2	2	2	4					
	3	1	2	3	4	50	1	11	
Major Coutlee.....	1	1	6	7					
Winnipeg.	2	.	.	.					
	3	1	2	3	4	45	1	9	
Lieut. Armstrong ...	1	.	2	.					
Winnipeg.	2	1	4	5					
	3	2	.	.	3	25		5	
Major Dibblee.....	1	1	4	5					
Woodstock.	2	.	.	.					
	3	1	.	.	4	07		5	
Capt. Hooper. . .	1	.	2	.					
Montreal.	2	2	4	6					
	3	.	2	.	4	40	1	5	

RECORD OF PRACTICE, ETC.—Continued.

GARRISON ARTILLERY.

Result of Competition with 64-pr. R.M.L. Guns at Point Pleasant Battery,
Halifax, N. S.

Halifax Brigade, No. 1 Battery.

RANK AND NAMES.	No. of Rounds.	SCORE.			TIME.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Total.	Min.	Sec.		
Corporal Daw.....	1	1						
	2	2	2	4				
	3	2						
	4	2	3	5	17	15	15	..
Sergt. Jackson.....	1	1						
	2		6					
	3	1	2	3				
	4	1			10			3
Gr. McEachren.....	1							
	2	1						
	3	2						
	4	2			11			..
Sergt. Frawley.....	1	2	6	8				
	2	1	6	7				
	3		4					
	4	2			9			15 Embroidered Badge.
Battery Total								18

No. 2 Battery.

Sergt. Carroll.....	1	1						
	2	2						
	3	1	2	3				
	4	1	5	6	11		2	7
Sergt.-Maj. Weir.....	1	1	2	3				
	2	1	2	3				
	3		2					
	4	1			10			6
Gr. McFarquhar.....	1	2	4	6				
	2	2	2	4				
	3	2	4	6				
	4	2	3	5	12		4	17 Embroidered Badge.
Sergt. Marshall.....	1	2						
	2	2						
	3	2						
	4	2			9			..
Battery Total.....								30

No. 3 Battery, Halifax Brigade.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	REMARKS.
		Div.	Elev.	Total.	Min.	Sec.		
Corpl. Jensen.....	1	2	6	8				
	2	2	4	6				
	3	2	6	8				
	4	2	3	5	9	55	27	Silver badge.
Sergt.-Major Case.....	1	1	2	3				
	2	2	4	6				
	3	2	2	4				
	4	2	5	7	9	..	20	Embroidered badge.
Gur. Morgan	1	2	4	6				
	2	1	2	3				
	3	2	4	6				
	4	2	3	5	10	..	20	Embroidered badge.
Sergt. Weatherby.....	1	2	4	6				
	2	2	2	4				
	3	2	.					
	4	2	2	4	9	45	14	
Battery total.....							81	

No. 4 Battery.

[illegible]

RECORD OF PRACTICE, ETC.—Continued.

No. 5 Battery, Halifax Brigade.

RANK AND NAMES.	No. of round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.			
Sgt.-Maj. Kiddy.....	1	2	6	8					
	2	1	.	.					
	3	1	2	3					
	4	1	.	.	8				
Sgt. Theakston.....	1	.	.	.			11		Out right.
	2	1	.	.					
	3	2	4	6					
	4	2	4	6	9	55	12		"
Sgt. Thornton.....	1	.	.	.					
	2	1	.	.					
	3	2	.	.					
	4	2	4	6	9			6	
Sgt. Robinson	1	.	.	.					
	2	1	.	.					
	3	2	.	.					
	4	2	2	4	8	50	4	Blind.	
Battery Total.....								33	

No 6 Battery.

Gr. Watson ...	1	2	.	.					
	2	2	4	6					
	3	2	4	6					
	4	2	5	7	7		19	Embroidered badge.	
Corpl. Harmon...	1	2	.	.					Out right.
	2	.	.	.					
	3	1	.	.					
	4	2	.	.	9			Blind.	
Corpl. Faulkner..	1	2	4	6					Wrong target.
	2	.	.	.					
	3	2	.	.					
	4	2	5	7	10		13		
Sgt.-Maj. Marshall.....	1	2	4	6					
	2	2	4	6					
	3	2	4	6					Silver badge.
	4	2	2	4	9	10	22	Blind.	
Battery Total.....								54	

RA

Sergt. McLe

Sergt. Doan

Sergt. Mood

Corporal Cro

Sergt. Frene

Corporal La

Corporal Dul

Sergt. Migne

RECORD OF PRACTICE, ETC.—Continued.

No. 7 Battery, Halifax Brigade.

RANK AND NAME.	No. of round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Total.	Min.	Sec.		
Sergt. McLeod	1	1						
	2	2						
	3	1						
	4	1	5	6	13	16	7	
Sergt. Doane.....	1	2						
	2	1						
	3	2	2	4				
	4	2	2	4	9	47		8
Sergt. Moody.....	1	1	4	5				
	2	2						
	3	1						
	4	2	4	6	13	22	7	4
Corporal Crossley.....	1	1						
	2	2						
	3	2	4	6				
	4	3			11	50	4	2
Battery total.....								14

No. 2 Battery, Quebec.

Sergt. Frenette.....	1	1	2	3				
	2	2	2	4				
	3	1	4	5				
	4	2	5	7	9	50		19
Corporal Laliberte	1	2	2	4				
	2	2	6	8				
	3	2						
	4	2	5	7	8	55		19 Embroidered badge.
Corporal Dubeau	1	2	4	6				
	2	2						
	3	2	4	6				
	4	1	5	6	11	30	3	15
Sergt. Migneault	1	1	4	5				
	2	2	4	6				
	3	1	6	7				
	4	2	5	7	11	..	2	23 Embroidered badge.
Battery total.....								76

RANK AND NAMES.	No. of Round.	SCORE. TIME.				Points lost for Time.	Final Total.	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.		
Sergt. Maj. Lacroix.....	1	1						
	2	1						
	3	2						
	4	2	5	7	10		7	
Sergt. Lemieux.....	1	1						
	2	1						
	3	1	2	3				
	4	2			10		3	
Corp. Martineau.....	1	1	4	5				
	2	1	4	5				Silver Badge
	3	2	2	4				
	4	2	2	4	7		18	Blind.
Sergt. Samson.....	1	1						
	2	1						
	3	2						
	4	2			7	15	..	
Battery Total.....							28	

Sergt. Maj. A. Roy.....	1	1						
	2	1						
	3	1	4	5				
	4	2	4	6	11	30	3	8
Sergt. T. Roy.....	1	2	4	6				
	2	.	2					
	3	1	2	3				Out of bounds left.
	4	1	2	3	10	..		12
Sergt. Bergeron	1	1						
	2	1						
	3	1						
	4	2			11			.. Blind.
Sergt. Lafleur... ..	1	1	4	5				
	2	1	2	3				
	3		2					
	4	2	3	5	11		2	11
Battery Total.....								31

No. 1 Battery, New Brunswick Brigade.

No. 2 Battery.

Gr. Fulton.....	1 . 2 1 3 1 4 5 4 2					
Gr. Nicholles.....	1 1 2 1 4 5 3 2 4 6 4 2 3 5 7 .	11 .	2	3		
Gr. Olive.....	1 2 . 2 2 2 4 3 1 4 5 4 2 5 7 9 .					16
Corpl. Ogler.	1 2 4 6 2 2 3 2 4 1 2 3 9 .					16
Battery Total... ..						<u>9</u> 44

No. 3 Battery, N. B. Brigade.

RA
Gr. Seeley.
Corpl. Men
Gr. McInty
Gr. Beatty
Gr. Routh.
Gr. Diamon
Sergt. Routh
Bomb. Clark

No. 5 Battery, N. B. Brigade.

RANK AND NAMES.	No. of Round.	SCORE.		TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Min.	Sec.			
Gr. Seeley.....	1	.	.	.	.			Out Left.
	2	1	.	.	.			
	3	1	.	.	.			
	4	1	5	6	9	..	6	
Corpl. Meneally	1	1	4	5				
	2	1	.	.	.			
	3	1	.	.	.			
	4	2	2	4	10	..	9	Blind.
Gr. McIntyre	1	2	.	.	.			
	2	1	.	.	.			
	3	1	4	5				
	4	2	.	.	10	..	5	
Gr. Beatty	1	2	.	.	.			
	2	1	2	3				
	3	1	.	.	.			
	4	2	2	4	13	..	6 1	
Battery Total.....							21	
Cobourg Battery.								
Gr. Routh... ..	1	1	2	3				
	2	2	2	4				
	3	1	4	5				
	4	2	.	.	6	12	12	
Gr. Diamond	1	1	4	5				
	2	1	.	.	.			
	3	1	6	7				
	4	2	.	.	8	45	12	
Sergt. Routh.....	1	2	4	6				
	2	2	4	6				
	3	2	4	6				
	4	2	.	.	12	50	6 12	
Bomb. Clarke	1	1	4	5				
	2	1	6	7				
	3	1	2	3				
	4	2	3	5	12	30	5 15	
* Battery Total... ..							51	

RECORD OF PRACTICE, ETC.—Continued.

Montreal Brigade—No. 1 Battery.

RANK AND NAME.	No. of round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Total.	Min.	Sec.		
Corporal Stewart.....	1	2	.					
	2	1	.					
	3	1	4	5				
	4	2	.		9	.		5
Gr. Rogerson.....	1	1	.					
	2	1	.					
	3	1	2	3				
	4	.	.		13		6	Out right.
Gr. Clarke.....	1	1	.					
	2	2	.					
	3	1	.					
	4	2	.		9	.		
Gr. Dennis.....	1	2	.					
	2	2	4	6				
	3	2	4	6				
	4	2	.		10			12
Battery total.....								17

No. 2 Battery.

Bomb, Bothwell.....	1	1						
	2	1						
	3	1	4	5				
	4	2	.		9	10		5
Sergt.-Maj. Rogers.....	1	2	6	8				
	2	1	4	5				
	3	1	.					
	4	2	.		8	55		13
Corporal Pink.....	1	1	.					
	2	2	.					
	3	1	.					
	4	2	.		9	50		
Sergt. Brown.....	1	1	6	7				
	2	1	4	5				
	3	2	2	4				
	4	2	.		9	.		16
Battery total....								34

RANK AND NAMES.	No. of Round.	SCORE. TIME.					
		Dir.	Elev.	Total.	Min.	Sec.	Points lost for Overtime.
Gr. Ray.....	1	2	4	6			
	2	2	2	4			
	3	1	.				
	4	2	.				10
Sergt.-Major Jones.....	1	1	4	5			
	2	2	4	6			
	3	2	4	6			
	4	2			10	..	17
Corp. Morrison.....	1	2	4	6			
	2	1	.				
	3	1	6	7			
	4	2	.		10		13
Gr. Cooper.....	1	2					
	2	2	4	6			
	3	1	2	3			
	4	2			9	30	9
Battery Total.....							49

Gr. Wyatt.....	1	1	.				
	2	2	.				
	3	2	.				
	4	2	.				
Gr. Winter	1	1	4	5	10
	2	1	2	3			
	3	1	6	7			
	4	2					
Sergt. Jones.....	1	1	4	5	13	30	7
	2	1	2	3			8
	3	1					
	4	2					
Bomb. Ward.....	1	2			11	..	2
	2	1	2	3			6
	3	.	4				
	4	.			10	..	3
							out left.
Battery Total.....							17

RECORD OF PRACTICE, ETC. -Continued.

No. 5 Battery, Montreal Brigade.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Time.	Final Total.	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.			
Sergt. Pingle.....	1	1	.						
	2	.	.						
	3	2	4	6					Out Right.
	4	2	.						
Corpl. Hamilton.....	1	2	4	6				6	
	2	1	4	5					
	3	1	4	5					
	4	2	.		8	50		16	
Sergt. Carpenter.....	1	2	.						
	2	2	2	4					
	3	2	.						
	4	2	3	5	7			9	
Sergt.-Major Morris, ..	1	2	.						
	2	1	2	3					
	3	2	2	4					
	4	2	.		7			7	
Battery Total.....								38	

No. 6 Battery.

Sergt. McGlashan.....	1	1	.						
	2	1	.						
	3	2	.						
	4	2	.		12		4		
Sergt.-Major Fegan.....	1	.	6						
	2	.	.						Wrong Target
	3	1	4	5					
	4	.	.		11		2	3	Wrong Target.
S. Sergt. McGinnis.....	1	1	4	5					
	2	2	.						
	3	2	.						
	4	2	.		11		2	3	
Gr. Hogan.....	1	1	2	3					
	2	2	4	6					
	3	.	2						
	4	2	.		11	30	3	6	Out Left.
Battery Total.....								12	

RANK

Corpl. McLe

Gr. Scantle

Sergt. Mathe

Corpl. Ward.

Sergt. Weir.

Sergt. Ramsa

Sergt. Quigley

Gr Campbell.

No. 1 Battery, P. E. I. Brigade.

No. 2 Battery.

Sergt. Weir.....	1	1	2	3			
	2	2	2	4			
	3	2	2	4			
Sergt. Ramsay.....	4	.	3	.	14	8	3 Wrong target.
	1	.	2				Out right.
	2	.	4				Out right.
	3	2	2	4			
Sergt. Quigley.....	4	1	3	4	13	6	2
	1	2	.				
	2	1	4	5			
	3	2	2	4			
Gr Campbell....	4	1	3	4	12	4	9
	1	.	.				Out left.
	2	.	4				Out left.
	3	1	2	3			
	4	2	5	7	10	10	
Battery Total.....							24

RECORD OF PRACTICE, ETC.—Continued.

No. 3 Battery, P. E. I. Brigade.

RANKS AND NAMES.	No. of round.	SCORE.			TIME.		Points lost for Time.	Final Total.	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.			
Sergt. Moore.....	1	2	4	6					
	2	2	4	6					
	3	.	2	.					
	4	2	.	.	9	55		12	Out right.
Corpl. J. McDonald	1	2	4	6					
	2	1	4	5					
	3	1	6	7					
	4	1	.	.	8	30		18	
Gr. Griffin... ..	1	1	2	3					
	2	2	2	4					
	3	2	6	8					
	4	2	.	.	9			15	
Sergt. Weatherby... ..	1	1	4	5					
	2	2	4	6					
	3	2	4	6					
	4	2	.	.	9	15		17	
Battery Total.....								62	

No. 4 Battery.

Gr. McQuaid	1	1	2	3					
	2	2	.	.					
	3	.	6	.					
	4	2	2	4	14	.	8		Out left.
Corpl. Landrigan.....	1	1	4	5					
	2	1	4	5					
	3	.	.	.					
	4	2	5	7	10	.		17	Out right.
Corpl. McCormick.....	1	2	2	4					
	2	1	2	3					
	3	.	2	.					
	4	2	5	7	12	.	4	10	"
Gr. McPhee	1	1	4	5					
	2	2	2	4					
	3	2	.	.					
	4	2	2	4	13	30	7	6	
Battery Total								33	

RANK

Sgt. Johnston

Sgt. Mellish.

Sgt. Stewart

Corpl. Dewar

Gr. Cook....

Sgt. Pendr' ..

Corpl. Haley.

Gr. Williams

No. 5 Battery, P. E. I. Brigade.

Yarmouth Battery.

Gr. Cook.....	1 . 2 . 3 1 4 5 4 .		Out left. Wrong target.
Sgt. Pendr'	1 . 6 2 1 . 3 1 2 3 4 . 3	8 35	5 Out left. "
Corpl. Haley.....	1 . . 2 . . 3 2 4 6 4 . .	9 14	3 " " Out right. Out left.
Gr. Williamson	1 1 . 2 1 . 3 1 3 4 4 1	9 40	6 Out right.
Battery Total... ..	4 1	9 25	4
			<hr/> 18

RECORD OF PRACTICE, ETC.—Continued.

Digby Battery.

RANK AND NAMES.	No. of Round.	SCORE.		TIME.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	To al.	Min.	Sec.	
Segt. Cousins.....	1	.	2				
	2	.	.				
	3	1	4	5			
Segt.-Major Woodman.....	4	2	.		11	..	2
	1	2	.				3
	2	2	.				
	3	2	.				
Segt. Burnham.....	4	2	.		11	..	2
	1	.	2				
	2	2	4	6			
	3	1	.				
Gr. Cossett	4	2	2	4	11	..	2
	1	1	.				8
	2	1	.				
	3	2	.				
	4	2	2	4	10	..	4
Battery Total.....							15

RANK

Gr. McEachern

Sergt. Frawley

Corporal Daw

Sergt. Jackson

Gr. McFarquhar

Sergt. Carroll

Sergt. Marshall

Sergt.-Maj. W.

Sergt. Weather

Sergt.-Maj. Car

Gr. Morgan...

Corporal Jensen

RECORD OF PRACTICE, ETC.—Continued.

20 pr. B. L. R. Guns.

No. 1 Battery, Halifax Brigade.

RANK AND NAME.	No. of Round.	SCORE.			Individual and Battery Total.	REMARKS.
		Dir.	Elev.	Total.		
Gr. McEachren	1	.	.	.	4	Out right.
	2	1	.	.		
	3	1	.	.		
Sergt. Frawley	1	2	.	.	4	
	2	2	.	.		
	3	2	2	4		
Corporal Daw	1	1	2	3	18	Silver Badge.
	2	2	4	6		
	3	2	2	4		
Sergt. Jackson	1	1	.	.	7	
	2	2	2	4		
	3	1	2	3		
Battery Total					24	

No. 2 Battery.

Gr. McFarquhar	1	2	4	6	6	
	2	1	.	.		
	3	1	.	.		
Sergt. Carroll	1	2	4	6	14	Embroidered Badge.
	2	1	4	5		
	3	1	2	3		
Sergt. Marshall	1	1	.	.	11	
	2	1	4	5		
	3	2	4	6		
Sergt.-Maj. Ward	1	1	4	5	16	Silver Badge.
	2	1	6	7		
	3	2	2	4		
Battery Total					47	

No. 3 Battery.

Sergt. Weatherbie	1	2	.	.	10	
	2	2	2	4		
	3	2	4	6		
Sergt.-Maj. Case	1	2	.	.	18	
	2	1	.	.		
	3	1	.	.		
Gr. Morgan	1	2	2	4	11	
	2	2	6	8		
	3	2	4	6		
Corporal Jensen	1	1	4	5	39	
	2	2	.	.		
	3	2	4	6		
Battery Total					39	

RECORD OF PRACTICE, ETC.—Continued.

No. 4 Battery, Halifax Brigade.

RANKS AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final total.	REMARKS.
		Div.	Elev.	Total.	Min.	Sec.			
Sergt.-Major Gordon	1	2	.	.	.	.	.	.
	2	1	2	3	.	.	.	.
	3	1	2	3	.	.	.	6	
Sergt. Brennan.....	1	1	.	.	.	.	.	.
	2	2	4	6	.	.	.	.
	3	2	2	4	.	.	.	10	
Sergt. Joy.....	1	1	.	.	.	.	.	.
	2	.	2	.	.	.	.	.	Wrong target.
	3	2	.	.	.	.	.	.
Sergt. Boston	1	2	.	.	.	.	.	.
	2	1	2	3	.	.	.	.
	3	1	.	.	.	.	.	3	
Battery total.....								19	

No 5 Battery.

Sergt. Robinson	1	2	.	.	.	.	.	.
	2	1	2	3	.	.	.	.
	3	1	2	3	.	.	.	6	
Sergt.-Major Kiddy...	1	2	.	.	.	.	.	.
	2	2	2	4	.	.	.	.
	3	2	.	.	.	.	.	.
Sergt. Thornton...	1	1	6	7	.	.	.	.
	2	1	.	.	.	.	.	.
	3	2	.	.	.	.	.	7	
Sergt. Theakston.....	1	2	.	.	.	.	.	.
	2	1	4	5	.	.	.	.
	3	1	2	3	.	.	.	8	
Battery total.....								25	

No 6 Battery.

Sergt.-Major Marshall.	1	2	.	.	.	.	.	.
	2	1	2	3	.	.	.	.
	3	1	2	3	.	.	.	6	
Corpl. Harmon.....	1	1	6	7	.	.	.	.
	2	1	.	.	.	.	.	.
	3	2	.	.	.	.	.	7	
Gr. Watson.....	1	1	.	.	.	.	.	.
	2	1	.	.	.	.	.	.
	3	2	.	.	.	.	.	.
Corpl. Faulkner.....	1	2	4	6	.	.	.	.
	2	1	.	.	.	.	.	.
	3	2	.	.	.	.	.	.
Battery total.....								19	

RANK

Sergt. McLeo

Sergt. Crossle

Sergt. Pritchard

Gr. Moody...

Sergt. Mignaul

Sergt. McCavoy

Corpl. Robitail

Corpl. Dubeau

Sergt.-Major La

Sergt. Samson..

Sergt. Bourassa

Corpl. Martineau

RECORD OF PRACTICE, ETC.—Continued.

No. 7 Battery, Halifax Brigade.

RANK AND NAMES.	No. of round.	SCORE. TIME.				Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Total.	Min. Sec.			
Sergt. McLeod.....	1	1	6	7				
	2	1						
	3	2						
Sergt. Crossley.....	1	1	2	3			7	
	2	1						
	3		4					
Sergt. Pritchard.....	1	2	4	6				3 Out left.
	2	2						
	3	2	4	6				
Gr. Moody.....	1	2	6	8				12 Embroidered badge
	2	2	6	8				
	3	1	6	7				23 Silver badge.
Battery total.....							45	

No. 2 Battery, Quebec.

Sergt. Mignault.....	1	2	2	4	
	2	2			
	3	2			
Sergt. McCavour... ..	1	1	2	3	4
	2	1			
	3	1	2	3	
Corpl. Robitaille.....	1	1	2	3	6
	2	2	6	8	
	3	2	2	4	
Corpl. Dubeau	1	1	4	5	15
	2	1	4	5	
	3	2	6	8	
					18 Silver badge
Battery total.....					48

No. 1 Battery, Lewis.

Sergt.-Major Lacroix.....	1	2			
	2	.			
	3	1	2	3	
Sergt. Samson.....	1	2			3
	2	2	2	4	
	3	1	2	3	
Sergt. Bourassa.....	1	1	4	5	7
	2	1			
	3	2			
Corpl. Martineau.....	1	1	4	5	5
	2	1	6	7	
	3	1			
					12
Battery total.....					27

RECORD OF PRACTICE, ETC.—Continued.

No. 2 Battery, Levis.

RANK AND NAMES.	No. of round.	SCORE.		TIME.		Points lost for Overtime.	Final total.	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.		
Sergt. T. Roy.....	1	.	.					Out right.
	2	1	.					
	3	1	.					
Sergt. Bergeron.....	1	2	.					
	2	2	.					
	3	1	.					
Sergt. Lafleur.....	1	2	4	6				
	2	2	.					
	3	1	.				6	
Sergt.-Major A. Roy.....	1	.	4					Out right.
	2	2	.					
	3	2	.					
Battery total.....							6	

New Brunswick Brigade, No. 1 Battery.

Gr. Lindsay.....	1	1						
	2	1						
	3	1						
Gr. Withers.....	1	1						
	2	2						
	3	1						
Corpl. Brown.....	1	2						
	2	2	6	8				
	3	1	2	3				11 Silver badge.
Gr. Smith.....	1	1						
	2	1	6	7				
	3	1					7	
Battery Total....							18	

No. 2 Battery.

Gr. Slipp.....	1	1	2	3				
	2	1	4	5				
	3	2	2	4				12 Embroidered badge.
Gr. Forbes.....	1	.	.					Out right.
	2	1	4	5				
	3	1	.				5	
Gr. Perry.....	1	2						
	2	1	2	3				
	3	2	.				3	
Gr. Olive.....	1	1	2	3				
	2	1	2	3				
	3	1	4	5			11	
Battery total.....							31	

RANK

Sergt. Lingley

Gr. Boyd

Gr. Power.....

Sergt. Edwards

Gr. Carman....

Corpl. McGowan

Gr. R. Armstrong

Sergt. Thompson

Gr. McGowan ..

Sergt. Farmer....

Gr. Eddlestone..

Gr. Beatty

RECORD OF PRACTICE, ETC.—Continued.

No. 3 Battery, New Brunswick Bde.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.			
Sergt. Lingley	1	1							
	2	2							
	3	1	2	4					
Gr. Boyd	1	1	4	5				4	
	2	1						1	
	3	1	2	3					
Gr. Power	1	2						8	
	2								
	3	1							
Sergt. Edwards	1	2	2	4					
	2	1	4	5					
	3	1						9	
Battery total....								21	

No. 4 Battery.

Gr. Carman	1	1	6	7					
	2	1	4	5					
	3	1	4	5					17 Silver badge.
Corpl. McGowan	1	1							
	2	2	4	6					
	3	2	2	4				10	
Gr. R. Armstrong	1	2							
	2	2							
	3	1	2	3				3	
Sergt. Thompson	1		6						Out left.
	2	1	2	3					
	3	1						3	
Battery total.....								33	

No 5 Battery.

Gr. McGowan	1	1							
	2	2							
	3	1							
Sergt. Farmer	1								Out right.
	2	2							
	3	1							
Gr. Eddlestone	1	1	4	5					
	2	1	2	3					
	3	1							
Gr. Beatty	1	2	2	4				8	
	2	1	6	7					
	3	2	2	4					15 Silver badge.
Battery total.....								23	

RECORD OF PRACTICE, Etc.—Continued.

Cobourg Battery.

RANK AND NAMES	No. of round	SCORE.		TIME		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.		
Gr. Routh.....	1	.	2					Out right.
	2	1	4	5				
	3	1	4	5			10	
Gr. Diamond.....	1	2	2	4				
	2	1	4	5				
	3	2	2	4			13	Embroidered badge.
Sergt. Routh.....	1	2	.					
	2	1	2	3				
	3	2	.				3	
Bdr. Clarke.....	1	1	4	5				
	2	1	6	7				
	3	2	6	8			20	Silver badge.
.. Battery total.....	46							

Montreal Brigade, No. 1 Battery.

Gr. Rogerson.....	1	2						
	2	2						
	3	2						
Gr. Edmonds.....	1	1						
	2	2						
	3	1						
Corpl. Clarke.....	1	2						
	2	1						
	3	.						
Gr. Harper.....	1	1						
	2	1						
	3	1	2	3			3	

No. 2 Battery.

Corpl. McCleave.....	1	1						
	2	2						
	3	2						
Gr. Heave.....	1	.						Out le't.
	2	1						
	3	1						
Sergt.-Maj. Rogers.....	1	.						
	2	.						
	3	1						
Corpl. Heissner.....	1	.						
	2	2						
	3	1	4					

RANK

Corpl. Morris

Gr. Alliston..

Gr. Cooper...

Sergt.-Major J

Sergt. Jones...

Gr. White....

Bdr. Ward....

Gr. Innis... ..

Sergt. Pringle...

Sergt.-Major No

Sergt. Carpenter.

Corpl. Hamilton.

RECORD OF PRACTICE, ETC.—Continued.

No. 3 Battery, Montreal Bde.

RANK AND NAMES.	No. of Rounds.	SCORE.			TIME.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Total.	Min.	Sec.		
Corpl. Morrison	1	1	2	3				
	2	1	4	5				
	3	2	6	8				
Gr. Alliston	1	1	4	5				16
	2	1	5	3				
	3	1	.	.				
Gr. Cooper	1	2	.	.				8
	2	1	2	3				
	3	1	4	5				
Sergt.-Major Jones	1	1	2	3				8
	2	2	.	.				
	3	2	6	8				11
Battery total								43

No. 4 Battery.

Sergt. Jones	1	2						
	2	1	4	5				
	3	2						
Gr. White	1	1	6	7				5
	2	1						
	3	1						
Bdr. Ward	1	.	4					7
	2	2	6	8				
	3	2	2	4				
Gr. Innis	1	1	4	5				12
	2	2						
	3	2						5
Battery total								29

No. 5 Battery.

Sergt. Pringle	1	1	4	5				
	2	1	6	7				
	3	2	4	6				
Sergt.-Major Norris	1	1	4	5				18
	2	1	.	.				
	3	2	4	6				
Sergt. Carpenter	1	1	2	3				11
	2	1	4	5				
	3	2	4	6				
Corpl. Hamilton	1	1	.	.				14
	2	2	4	6				
	3	2	.	.				6
Battery total ..								49

RECORD OF PRACTICE, ETC.—Continued.

No. 6 Battery, Montreal, Bde.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Total.	REMARKS.
		Div.	Elev.	Total.	Min.	Sec.			
Gr. Hogan	1	1	.						
	2	1	.						
	3	.	.						. Out left.
Sergt.-Major Fegan.....	1	1	.						
	2	1	2	3					
	3	2	.					3	
Gr. Greenfield.....	1	.	2						Wrong target.
	2	2	4	6					
	3	2	.					6	
S. Sergt. McGinnis.....	1	1	2	3					
	2	1	.						
	3	.	4						3 Out right.
Battery total.....								12	

P. E. Island Bde., No. 1 Battery.

Corpl. McLeod	1	1	2	3					
	2	1	2	3					
	3	1	2	3				9	
Gr. Scantlebury.....	1	1	2	3					
	2	1	2	3					
	3	2	6	8				14	
Corpl. Ward.....	1	1	.						
	2	2	2	4					
	3	1	.					4	
Sergt. Matheson	1	.	.						Out left.
	2	1	.						
	3	1	.						
Battery total....								27	

No. 2 Battery.

Gr. Campbell	1	1	.						
	2	.	.						
	3	1	2					3	
Sergt. Ramsay.....	1	1	.						
	2	1	2	3					
	3	1	6	7				10	
Sergt. Weir.....	1	1	2	3					
	2	1	4	5					
	3	.	6						8 Out right.
Sergt. Quigley.....	1	1	4	5					
	2	1	4	5					
	3	2	.					10	
Battery total.....								31	
Points deducted....								20	
								11	

Corpl. McDon

Gr. Griffin..

Sergt. Moore

Sergt. Weath

Gr. Landrigan

Gr. McPhee..

Gr. McQuaid.

Bdr. Brennan

Sergt. Johnson

Sergt. Mellish.

Corpl. Dewar .

Sergt. Stewart.

No. 3 Battery, P. E. I. Brigade.

[illegible]

No. 4 Battery.

Gr. Landrigan.....	1	1	2	3	
	2	1	2	3	
	3	1	.		
Gr. McPhee.....	1	1	6	7	6
	2	.	2		
	3	1	.		
Gr. McQuaid.....	1	.	6		7
	2	.	6		
	3	.	2		
Bdr. Brennan.....	1	1	4	5	
	2	1	6	7	
	3	.	6		
					12
					Out right.
Battery total.....					25

No. 5 Battery.

Sergt. Johnson.....	1	.			
	2	1	6	7	
	3	1	4	5	
Sergt. Mellish.....	1	2	2	4	12
	2	1			
	3	1	2	3	
Corpl. Dewar	1	2	2	4	7
	2	2	4	6	
	3	1	6	7	
Sergt. Stewart.....	1	1	4	5	17
	2	2	2	4	
	3	2	4	6	
					<u>15</u>
Battery total.....					51

RECORD OF PRACTICE, ETC.—Continued.

Yarmouth Battery.

RANK AND NAMES.	No. of round	SCORE.			TIME.			REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.	Points lost for Overtime	
Corp. Haley.....	1	2	.					
	2	2	.					
	3	1	.					
Sergt. Pendrigh.....	1	1	2	3				
	2	1	6	7				
	3	1	2	3				13
Gr. Williamson.....	1	1	2	3				
	2	2	4	6				
	3	2						9
Bdr. Johnson.....	1	1	4	5				
	2	1	6	7				
	3	1	4	5				17
Battery total.....								39

Digby Battery.

Gr. Cossett.....	1	1	2	3				
	2	1	2	3				
	3	2	4	6				12
Sergt. Burnham.....	1	1	4	5				
	2	1						
	3	2	6	8				13
Sergt. Cousins.....	1	2	2	4				
	2	2						
	3	2	2	4				8
Sergt.-Maj. Woodman.....	1	2	2	4				
	2	2	4	6				
	3	1	2	3				13
Battery total.....								46

RAN

Lieut. Stewa
P. E. I. BdLieut. Easton
P. E. I. BdLieut. MacNa
Cobourg.Lt.-Col. Arm
N. B. Bde.Lieut. Flower
Halifax BdeLieut. Bacon.
Digby.Lieut. Hudon.
No. 2, QuebeCaptain Maxw
Halifax BdeCaptain Reyno
Halifax BdeLt.-Col. Curren
Halifax Bde.Captain Brenna
P. E. I. Bde.Lieut. Lewis..
Yarmouth.Captain Jones..
N. B. Bde.

RECORD OF PRACTICE, ETC.—Continued.
Officers' Firing Competition—Garrison Artillery.

RANK AND NAMES.	No. of Round.	SCORE.		TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.		
Lieut. Stewart	1	2	6	8				
P. E. I. Bde.	2	2	4	6				
	3	2	4	6				
	4	2	2	4	9	30	24	
Lieut. Easton.....	1	2	2	4				
P. E. I. Bde.	2	2	4	6				
	3	2	2	4				
	4	1	4	5	10	25	1 18	
Lieut. MacNachtan.....	1	1	2	3				
Cobourg.	2	2	2	4				
	3	1	4	5				
	4	2	4	6	8	..	18	
Lt.-Col. Armstrong.....	1	1	2	3				
N. B. Bde.	2	2	2	4				
	3	2	4	6				
	4	2	2	4	7	..	17	
Lieut. Flowers	1	1	4	5				
Halifax Bde.	2	2	2	4				
	3	2	4	6				
	4	.	4	.			15	
Lieut. Bacon.....	1	1	6	7				
Digby.	2	1	6	7				
	3	1	.	.				
	4	1	6	7	13	..	6 15	
Lieut. Hudon.....	1	1	4	5				
No. 2, Quebec.	2	2	2	4				
	3	.	6	.				
	4	1	4	5	8	14	14	
Captain Maxwell.....	1	2	.	.				
Halifax Bde.	2	2	.	.				
	3	1	6	7				
	4	2	4	6	7	22	13	
Captain Reynolds.....	1	1	.	.				
Halifax Bde.	2	1	2	3				
	3	1	2	3				
	4	2	4	6	7	10	12	
Lt.-Col. Curren.....	1	.	.	.				
Halifax Bde.	2	1	4	5				
	3	1	.	.				
	4	1	4	5			10	
Captain Brennan.....	1	1	.	.				
P. E. I. Bde.	2	1	2	3				
	3	2	4	6				
	4	2	2	4	12	..	4 9	
Lieut. Lewis.....	1	1	4	5				
Yarmouth.	2	.	.	.				
	3	2	.	.				
	4	2	2	4	10	..	9	
Captain Jones.....	1	.	.	.				
N. B. Bde.	2	1	.	.				
	3	2	4	6				
	4	1	2	3	9	15	9	

RECORD OF PRACTICE, ETC. —Continued
Officers' Firing Competition—Garrison Artillery.

RANK AND NAMES.	No. of round	SCORE.			TIME.		Points lost for Overtime. Final Total.	REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.		
Major Boulanger.....	1	2	.					
No. 2, Quebec.	2	1	.					
	3	1	.					
	4	2	6	8	9	30	8	
Lieut. Bergeron.....	1	1	2	3				
No. 2, Levis.	2	1	4	5				
	3	1	.					
	4	2	.		6	55	8	
Lieut. Baldon.....	1	1	.					
Montreal Bde.	2	1	2	3				
	3	.	4					
	4	1	4	5	8	50	8	
Lieut. Fraser.....	1	1	2	3				
P. E. I. Bde.	2	1	4	5				
	3	.	4					
	4	1	2	3	12	..	4	7
Captain Crawford.....	1	1	2	3				
N. B. Bde.	2	.	.					
	3	.	2					
	4	1	2	3	8	..	6	
Lieut. Moore.....	1	2	2	4				
P. E. I. Bde.	2	1	2	3				
	3	.	.					
	4	2	.		11	..	2	5
Lieut. Wynne.....	1	1	.					
Montreal Bde.	2	1	4	5				
	3	1	.					
	.	.	.		9	.	5	

Observed at H

N

1 Captain Ma
2 Lieut. Fello
3 " Hud
4 Captain Jon
5 " Ox
6 Lieut. Easto
7 " Stew
8 " Moor
9 " MacN
10 Captain Rey
11 " Din
12 Major Boula
13 Lieut. Wils
14 " Baldo
15 " Crow
16 Major Vien
17 Lieut. Wynn
18 " Marsa
19 " Fraser
20 " Roy..
21 " Bacon
22 " Carvel
23 " Berger
24 Lt.-Col. Arm
25 Captain Reid
26 Lieut. Templ
27 " Seeley
28 Captain Craw
29 Lieut. Lewis
30 Captain McE
31 Lieut. Freem

NAME

1 Lieut. Goode.
2 Major Coutlee
3 " Hon. J.
4 Captain Doidg
5 Lieut. Armstr
6 " Costigar
7 " Peterson
8 Captain Hoop

OBSERVING COMPETITION.

Garrison Batteries.

Observed at Halifax, N. S., Battery almost *a fleur d'eau*. Range, about 2,000 yards.

NAME.	CORPS.	AVERAGE ERROR, YARDS.	PRIZE.
1 Captain Maxwell.....	Halifax Bde.....	20 7/8	\$25 00
2 Lieut. Fellowes.....	do.....	21 9/16	15 00
3 " Hudon.....	2 By., Quebec.....	23	10 00
4 Captain Jones.....	N. B. Bde.....	26 13/15	
5 " Oxley.....	Halifax Bde.....	33 3/16	
6 Lieut. Easton.....	P. E. I. Bde.....	35	
7 " Stewart.....	do.....	35 3/5	
8 " Moore.....	do.....	35 2/3	
9 " MacNachtan.....	Cobourg By.....	41 3/4	
10 Captain Reynolds.....	Halifax Bde.....	44 11/15	
11 " Dimock.....	do.....	48 3/16	
12 Major Boulanger.....	2 By., Quebec.....	48 3/8	
13 Lieut. Wilson.....	Montreal Brigade.....	49 3/4	
14 " Baldon.....	do.....	51	
15 " Crowe.....	Halifax do.....	57 13/16	
16 Major Vien.....	No. 2 By., Levis.....	58 11/16	
17 Lieut. Wynne.....	Montreal Brigade.....	59 1/2	
18 " Marsan.....	No. 1 By., Levis.....	60 1/8	
19 " Fraser.....	P. E. I. Bde.....	60 1/2	
20 " Roy.....	No. 1 By., Levis.....	66 3/8	
21 " Bacon.....	Digby By.....	68 1/4	
22 " Carvell.....	P. E. I. Bde.....	72 1/16	
23 " Bergeron.....	No. 2 By., Levis.....	76 1/8	
24 Lt.-Col. Armstrong.....	N. B. Brigade.....	77 9/16	
25 Captain Reid.....	Montreal Brigade.....	85 1/8	
26 Lieut. Temple.....	N. B. do.....	85 13/16	
27 " Seeley.....	Yarmouth Battery.....	91 3/5	
28 Captain Crawford.....	N. B. Brigade.....	96 3/8	
29 Lieut. Lewis.....	Yarmouth Battery.....	102	
30 Captain McEwen.....	Montreal Brigade.....	111	
31 Lieut. Freeman.....	Halifax do.....	131 3/8	

Field Batteries.

Observed at Winnipeg and Island of Orleans.

NAME.	CORPS.	AVERAGE ERROR, YARDS.	PRIZE.
1 Lieut. Goode.....	Woodstock Battery.....	23·33	\$25 00
2 Major Coutlee.....	Winnipeg do.....	26·52	15 00
3 " Hon. J. S. Hall.....	Montreal do.....	33·54	10 00
4 Captain Doidge.....	Winnipeg do.....	33·89	
5 Lieut. Armstrong.....	do.....	34	
6 " Costigan.....	Montreal do.....	35·42	
7 " Peterson.....	Winnipeg do.....	36·14	
8 Captain Hooper.....	Montreal do.....	36·87	

These Competitions were carried out under the same regulations as in 1891. Owing to the majority of the Batteries being unable to carry out their annual practice the percentage of Score was not added.

COMPARATIVE EFFICIENCY FIELD BATTERIES, 1892.

NOTE.—Owing to the fact that only six Batteries were able to carry out their annual gun practice, the percentage of scores has not been included in the General Efficiency totals.

NOTE.—Owing to the fact that only six Batteries were able to carry out their annual gun practice, the percentage of scores has not been included in the General Efficiency totals.

COMPARATIVE EFFICIENCY GARRISON BATTERIES. 1892.

BRIGADE AND BATTERY.	OFFICER COMMANDING	and Firing Drill	QUESTIONS. Economy.	ent.	INSPECTING OFFICER

Note—Owing to the fact that only six Batteries were able to carry out their annual gun practice, the percentage of scores has not been included in the General Efficiency totals.

T. D. IRWIN, Lieut.-Col., Inspector of Artillery.

COMPARATIVE EFFICIENCY GARRISON BATTERIES, 1892.

BRIGADE AND BATTERY.	OFFICER COMMANDING.	FULL MARKS.										QUESTIONS.				Absentees.	Total.	Officers absent.	INSPECTING OFFICER AND REMARKS.
		Clothing and Accoutrements.	Manual and Firing Exercise.	Company Drill	Gun Drill.	Discipline and Interior Economy.	Officers.	N. C. Officers.											
QUESTIONS.																			
Discipline and Interior Economy.																			
Officers.																			
N. C. Officers.																			
Absentees.																			
Total.																			
Officers absent.																			
INSPECTING OFFICER AND REMARKS.																			

Mahone Bay Battery	Capt. Ernst.	10	20	20	8	10	48	72	260	1	127	Lt.-Col. Irwin.
Yarmouth	Major Jolly	8	15	12	32	10	21	29	186	4	186	
No. 1	Capt. Crawford	10	16	13	58	9	37	47	244			
New Brunswick Brigade.	"	8	18	13	52	10	47	68	161			Lt. Col. Montzambert.
"	"	10	18	18	51	10	44	23	198	8	198	
"	"	10	18	18	74	10	46	54	244	3	244	
No. 1	Steeves	8	15	12	35	10	27	32	133	13	133	Brigade average, 186.
"	Lieut. Crowe	10	15	12	50	10	16	22	102	1	102	
"	Capt. Wyld	10	15	15	30	10	16	22	134	13	134	
Halifax Brigade.	Capt. Maxwell	10	19	19	75	10	48	71	251	1	251	Lt.-Col. Montzambert.
"	Lieut. Hart	4	15	15	30	10	16	43	136	1	136	Brigade Average, 168 3.
"	Capt. Oxley	10	18	15	30	10	16	43	136	1	136	
"	"	10	18	19	76	10	48	65	246			
"	Reynolds	10	18	17	54	10	32	48	178	11	178	
No. 1	Dimock	10	18	17	54	10	32	48	178	2	178	
"	Ogilvy	10	16	18	32	10	14	64	141	15	141	
"	McEwen	10	17	18	32	8	16	47	143	5	143	
"	"	10	18	18	34	10	16	67	171	2	171	
"	King	10	18	16	33	8	11	33	117	2	117	Lt.-Col. Montzambert.
"	"	10	17	16	33	8	12	34	115	12	115	Brigade average, 120
"	Baldwin	10	15	16	38	8	17	38	104	2	104	
"	"	10	15	16	12	8	22	38	104	2	104	
No. 1	Wynne	10	15	16	12	8	22	38	104	2	104	
Capt Davidson	"	10	20	17	75	10	37	56	225	13	225	Major Wilson.
"	Longworth	10	20	19	70	10	31	34	194		194	
"	Owen	4	15	10	45	5	21	51	151		151	
"	Brennan	6	15	10	40	6	28	35	139		139	Brigade average, 164 8.
No. 2 Battery, Quebec	Lieut. Fraser	10	16	15	35	6	5	39	140	1	140	
Levis.	Major B. ulanger	10	16	16	70	10	29	59	114	1	114	Lt.-Col. Montzambert.
"	Capt. Martineau	9	18	16	40	10	39	41	209	2	209	
"	Major Vien	9	17	16	70	10	39	50	222	2	222	
Cobourgh Battery.	Capt. McNaughton	10	15	15	75	10	41	58	170	10	170	Lt.-Col. cotton.
"	Major Daley	9	15	15	35	9	35	49	107	10	107	Maj. Gordon, acting D. A. G.
"	Capt. Craig	8	16	12	45	10	38	46	177	10	177	

D. T. IRWIN, Lieut.-Col., Inspector of Artillery.

Questions for which marks were awarded as shown in the tables :

Field Artillery.

1892

N. C. OFFICERS.

Questions—(Value eight each.)

1. State the rules for giving deflection.
2. At a range of 1850 yards the shell is over,—at 1650 yards under, at what range should the next round be fired—if it should be under or over at what range should the fourth round be fired?
3. Describe how to bore a time fuze.
4. Detail the equipment carried on the gun limber.
5. State the weights of the projectiles and charges.
6. Detail the "sword arm signals."
7. Define the meaning of—windage—angle of elevation—angle of descent—dangerous zone.
8. What are the variable causes affecting the accuracy of shooting?
9. State the rules for fitting the bearing rein—the breeching—curb chain or strap, stirrups.
10. Describe briefly the 15 Sec. wood time fuze.
11. Describe how to put on or take off the drag shoe.
12. State the general instructions for N. C. officers and men saluting.
13. Detail the equipment of a N. C. officer's horse, marching order.
14. State the "Distances in Column."
15. State the positions of the Battery Staff Sergeants in Battery Line or Column.
16. State the general duties of Nos. 1 when not on parade.

NOTE.—Not more than two of the above questions to be put to each Sergeant or Corporal present at Inspection. No special order of precedence to be observed, and the same questions not to be asked twice. N. C. Officers absent from Inspection may, if possible, be afforded an opportunity of answering the questions, provided they have attended the annual drill, and their absence is satisfactorily accounted for.

OFFICERS.

Questions—(Value 10 each.)

1. State briefly the principal points to be considered in order that shrapnel fire may be effective, at varying ranges and targets.
2. What general principles should be observed in moving a Battery into position, and in subsequent changes of position?
3. State briefly the general "Duties on the Line of March."
4. What are the most important conditions requisite for a position for action, and how may they best be fulfilled?

Explain
5. Chan
shot, and in
rapid.
6. From
7. From
8. From

NOTE.—Not more than two of the above questions to be put to each Sergeant or Corporal present at Inspection. No special order of precedence to be observed, and the same questions not to be asked twice. N. C. Officers absent from Inspection may, if possible, be afforded an opportunity of answering the questions, provided they have attended the annual drill, and their absence is satisfactorily accounted for.

1. What
lowance shou
strain and wei
2. How i
10-inch guns a
3. Descri
take a gun on
4. Descri
rear. What st
5. State w
gravity," "grav
6. What a
ations caused b

NOTE.—Not more than two of the above questions to be put to each Sergeant or Corporal present at Inspection. No special order of precedence to be observed, and the same questions not to be asked twice. N. C. Officers absent from Inspection may, if possible, be afforded an opportunity of answering the questions, provided they have attended the annual drill, and their absence is satisfactorily accounted for.

1. What i
2. Describ
3. What a
4. Explain
second orders o
5. Describ
6. State th
7. For wha
front?

Explain the detail, on parade, for the following :—

5. Changing the nature of a fire from *common shell*, to *shrapnel*, and to *case shot*, and in accordance therewith, the rate of fire from *slow*, to *ordinary*, and *rapid*.
6. From Line to retire in column of Sections from a Flank.
7. From Line to Countermarch when at diminished Intervals.
8. From Quarter Column of Sections to Deploy.

NOTE.—Not more than two of the above questions to be put to each officer present at Inspection. No special order of precedence to be observed, and the same questions not to be asked twice. Officers absent from Inspection may, if possible, be afforded an opportunity of answering the questions, provided they have attended annual drill, and their absence is satisfactorily accounted for.

Garrison Artillery

OFFICERS.

1892.

Questions—(Value 8 each.)

1. What mechanical advantage is gained by the use of pulleys. What allowance should be made for friction? How can you ascertain the safe working strain and weight of service rope?
2. How is gunpowder classified? State the different descriptions used for 10-inch guns and under.
3. Describe how to slew the trunnions by handspikes or lever, and how to take a gun on rollers through a narrow passage.
4. Describe the operation of dismounting a gun by watered skids down the rear. What stores are required?
5. State what is meant by "centre of gravity," "centre of pressure" "specific gravity," "gravimetric density."
6. What are the variable Forces acting on a Projectile, how may the variations caused by them be corrected.

NOTE.—Not more than two of the above questions to be put to each officer present at inspection. No special order of precedence to be observed, and the same questions not to be asked twice. Officers absent from Inspection may, if possible, be afforded an opportunity of answering the questions, provided they have attended annual drill, and their absence is satisfactorily accounted for.

N. C. OFFICERS.

Questions—(Value six each.)

1. What is the meaning of angle of elevation—angle of descent—jump?
2. Describe a Luff tackle—a whip upon whip—a selvagee.
3. What are the rules for giving deflection?
4. Explain the relation between the power and the weight in the first and second orders of the lever.
5. Describe how cartridges are filled, choked, and hooped.
6. State the weights of the projectiles and charges for 64-pr. converted gun.
7. For what general purposes are common and shrapnel shell used on a sea front?

8. Describe a common ground platform.
9. State the general duties of a detachment in moving guns.
10. What stores are generally required for the above?
11. Describe briefly a 15 Sec. fuze.
12. What are the general duties of a Battery Sergeant Major?

NOTE.—Not more than two of the above questions to be put to each Sergeant or Corporal present at Inspection. No special order of precedence to be observed, and the same questions not to be asked twice. N. C. Officers absent from Inspection may, if possible, be afforded an opportunity of answering the questions, provided they have attended the annual drill, and their absence is satisfactorily accounted for.

D. T. IRWIN, LT.-COLONEL,

Inspector of Artillery.

Field Batteries

1892.

DRILL AND DRIVING COMPETITION FOR GZOWSKI CUP.

To be competed for on parade during annual drill by the four sub-divisions of the Battery. The prizes to be awarded to the Batteries performing the conditions in the shortest average time.

CONDITIONS.

Nine-pounder gun and limber, four horses. Four detachments, each to consist of 1 N. C. Officer (mounted,) 6 Gunners, 2 Drivers. Field day order,—forage caps may be worn.

Harness bits with curb chain or straps are to be used—in very exceptional cases, and with the sanction of the umpire, a bridoon bit may also be used.

Detachments are to be in order of march. No. 1 and drivers stand to their horses.

1. Gunners and drivers prepare to mount. Mount. Half left.—March.—Half right.—Right wheel.—Forward.—Right wheel.—Forward.—Half right.—Half left.—Halt.

The gun to be taken through two gates, represented by pickets, not less than 3 feet 6 inches high, and 6 feet 10 inches apart, and back to the original ground.

2. Action.—Front.—With drill cartridge, load.—Fire one round (friction tube to be used).

3. Cease firing.—Rear limber up.—Prepare to mount.—Mount.—Advance.—March.

Gun to be taken through a gate, as described above, 30 yards distant—when 15 yards clear, then :

4. Halt—
tube to be use
5. Cease
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Drill cart
Ammunition
For striking
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seconds to be
Umpire's

OTTAWA, 16th

4. Halt—Action rear—With drill cartridge, load—Fire one round (friction tube to be used).

5. Cease firing—Front limber up—Form the order of march.

The pace throughout is not to exceed a trot.

The side gates will be 30 yards from the starting point and from each other.

No. 1's horse may be held by No. 7 when the gun is in action. No. 1 will lead through the gates.

Drill cartridges to be taken separately from the limber box by No. 6.

Ammunition not to be carried.

For striking any of the pickets, 5 seconds to be added to the total time.

For any faults or mistakes in drill as judged by Umpire, not more than 5 seconds to be added for each.

Umpire's decision to be final. No appeal.

(Sgd.) D. T. IRWIN, LT.-COLONEL

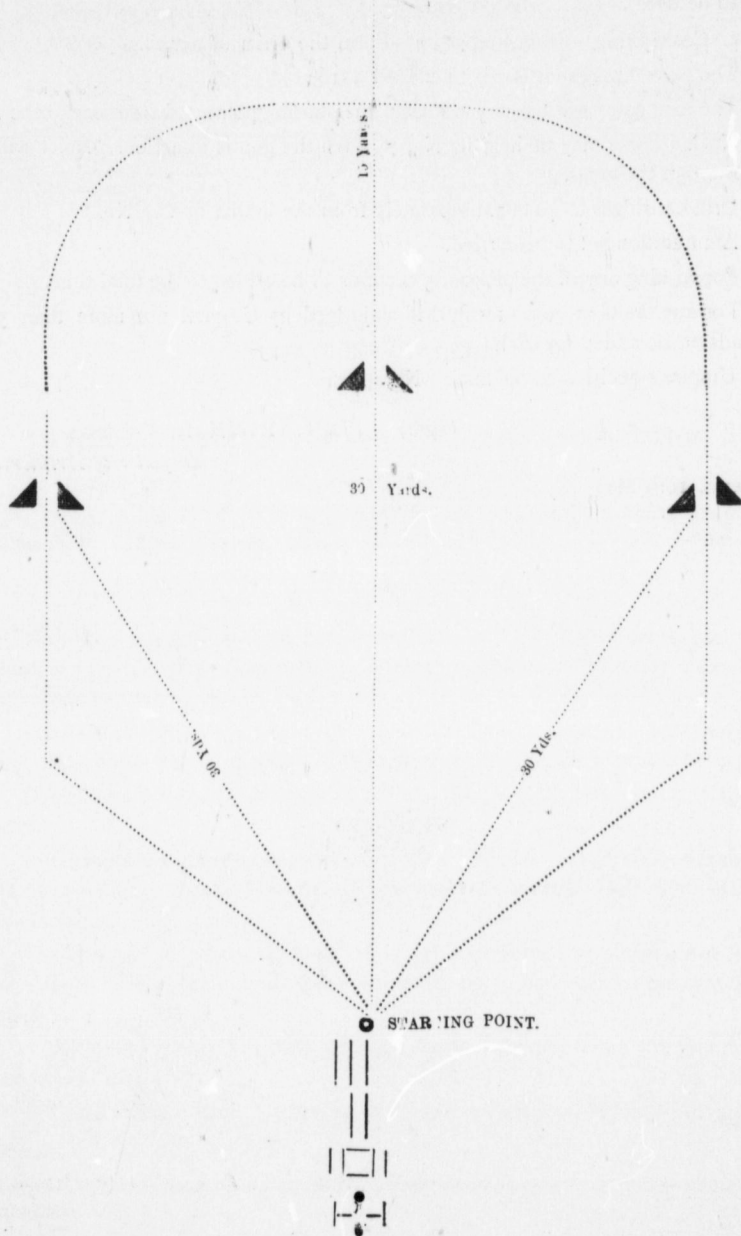
Inspector of Artillery.

OTTAWA, 16th May, 1892.



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FINAL POSITION



BATTE

Quebec...

Hamilton .

Ottawa...

No. 1, 1st B
Guelph.

Durham ...
Port Hope

No. 2, 1st B

London ...

Montreal ...

Winnipeg ...

Kingston...

Gananoque..

Woodstock..

Sydney.....

RESULT OF THE COMPETITION.

BATTERY.	No. of Sub-division.	Time.		Added for Errors.	Corrected Time.		Average.		REMARKS.
		Min.	Sec.		Min.	Sec.	Min.	Sec.	
Quebec.....	1	2	20	5	2	25			
	2	2	05 3/5	15	2	20 3/5			
	3	2	08 1/5	20	2	28 1/5			Umpire—
Hamilton.....	4	2	23 2/5	20	2	43 2/5	2	29.3	Lt.-Col. Montizambert.
	1	2	12 4/5	10	2	22 4/5			
	2	2	23 1/5	5	2	28 1/5			
	3	2	09 1/5	10	2	19 1/5			
Ottawa.....	4	2	44 1/5	10	2	54 1/5	2	31.1	do
	1	2	18	7.5	2	25.5			
	2	2	46.6	10	2	56.6			
	3	2	16.4	...	2	16.4			
No. 1, 1st Bde..	4	2	17.4	20	2	37.4	2	33.97	Lt.-Col. Irwin.
Guelph.	1	2	31 2/5	10	2	41 2/5			
	2	2	41	20	3	01			
	3	2	07	20	2	27			
Durham.....	4	1	57	10	2	07	2	34.1	Lt.-Col. Montizambert.
Port Hope.	1	.	.....	..	2	30			
	2	.	.....	..	2	53			
	3	.	.....	..	2	29			
	4	.	.....	..	2	48	2	40	Lt.-Col. Cotton.
No. 2, 1st Bde..	1	2	07 1/5	25	2	32 1/5			
	2	2	38 1/5	10	2	48 1/5			
	3	2	29	25	2	54			
London.....	4	2	18 1/5	15	2	33 1/5	2	41.9	Lt.-Col. Montizambert.
	1	2	41 1/5	10	2	51 1/5			
	2	2	42 1/5	10	2	52 1/5			
	3	2	18	15	2	33			
Montreal.....	4	2	37 2/5	5	2	42 2/5	2	44.7	do
	1	2	36	13	2	49			
	2	2	46	12	2	58			
	3	Ruled out—Horses unmanageable.							
Winnipeg.....	4	2	18	15	2	33	2	46.7	Major Wilson.
	1	.	.....	..	2	53			
	2	.	.....	..	2	34			
	3	.	.....	..	2	56			
Kingston.....	4	.	.....	..	2	52	2	48 3/4	Lt.-Col. Cotton.
	1	.	.....	..	3	14 1/5			
	2	.	.....	..	2	37			
	3	.	.....	..	3	00 4/5			
Gananoque.....	4	.	.....	..	2	35	2	51 3/4	do
	1	.	.....	..	2	40			
	2	.	.....	..	3	06 2/5			
	3	.	.....	..	3	07			
Woodstock..	4	.	.....	..	3	06 2/5	2	59 19/20	Lt.-Col. Cotton.
	1	3	15	17	3	32			
	2	2	45	12	2	57			
	3	2	45	18	3	03			
Sydney.....	4	2	25	7	2	32	3	01	Major Wilson.
	1	2	57	12	3	09			
	2	3	08	15	3	23			
	3	2	33.2	7	2	40.2			
	4	2	46.5	17	3	03.5	3	03.9	Lt.-Col. Irwin.

NAMES OF DRIVERS AWARDED BADGES OF CROSS-WHIPS.

"A" Battery, Reg. C. A.	Acty. Bomb. J. McNally.
"B" Battery, "	Driver H. Fawcett.
London Field Battery	" W. Simpson.
No. 1 By. 1st Brigade	" C. Hayward.
2 " "	" Wm. Fox.
Hamilton Battery	" James Webb.
Welland Canal "	" David Boles.
Durham "	" William Winer.
Gananoque "	" Chas. Austin.
Ottawa "	" Ard. Newstead.
Montreal "	" Louden.
Shefford "	" Strangher.
Quebec "	" M. Coyle.
Newcastle "	" D. Man.
Woodstock "	" R. Johnston.
Winnipeg "	" Taylor.
	" Andrew Gray.
	" James Little.
	" R. Longheed.
	" D. Dunbar.
	" H. Bordeleau.
	" J. Lapierre.
	" Wm. O'Brien.
	" John Jardine.
	" Charles Gray.
	" Stephen Van Wart.
	" Herbert A. Bell.
	" John Hodgins.

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Drag ropes, h
Handspikes, c

Lashings, 1/2 in
Luff Tackles.

Planks, oak, h

" fir, wh

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Rollers—grou

"The time wa

A 64/32 pr.

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When moun

Montreal Briga

Time 21' 55"

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SHIFTING ORDNANCE COMPETITION.

"A" Shift.

A 58-cwt. gun on a common standing carriage, to be dismantled down the rear on watered skids, clear of the platform.

The gun to be then taken, by means of plank and rollers, round a picket placed 20 feet in rear of the platform, the gun not to touch the picket during the operation, and back to the platform.

The gun to be then mounted by parbuckling up the side.

*Fifteen minutes allowed for the above operation. Detachments taking a longer time will be disqualified.

For dismantling	75 points.
" operations on rollers	75 "
" mounting	100 "

Points to be deducted by Umpire for mistakes at drill, careless or awkward handling of stores, or other irregularities.

Stores allowed :—

Drag ropes, heavy	2	Scotches	20
Handspikes, 6 ft.	8	Skids, fir—14 ft. x 8 in. x 8 in.	2
" 7 ft.	2	" oak—3 ft. x 9 in. x 6 in.	4
Lashings, $\frac{1}{2}$ in. 3 fths	4	3 ft. x 6 in. x 6 in.	4
Luff Tackles	2	3 ft. x 6 in. x 3 in.	4
Planks, oak, half—4 ft. x 12 in. x 3 in.	2	3 ft. x 4 in. x 4 in.	4
" fir, whole—10 ft. x 17 in. x 3 in.	3	Selvagees	2
" half—6 ft. x 12 in. x 3 in.	3	Water bucket and brush	1
Rollers—ground elm—6 in. x 3 ft.	3	Parbuckle ropes	2

D. T. IRWIN, LT.-COL.,
Inspector of Artillery.

*The time was extended by the Umpires to twenty minutes.

"B" Shift.

A 64/32 pr. R.M.L. gun on standing carriage to be dismantled over the front by upsetting, taken to right side of the carriage and re-mounted by parbuckling.

Stores as laid down in manual.

When mounted carriage to be left in line of fire.

RESULT OF THE COMPETITION.

Montreal Brigade—"A" Shift.

Dismounting	75 points.
Operations on rollers	75 "
Mounting	95 "
Total	245

Did not compete in "B" Shift.

<i>Halifax Brigade—No. 1 Detachment. No. 1 Sergt. Major Gibbs—"A" Shift.</i>			
	Dismounting.....	75 points.	
	Operations on rollers.....	75 "	
Time 16' 16"	Mounting.....	85 "	
	Total.....	235	
<i>No. 2 Detachment. Captain Maxwell.</i>			
	Dismounting.....	75 "	
Time 14' 17"	Operations on rollers.....	75 "	
	Mounting.....	95 "	
	Total.....	245	
<i>"B" Shift.</i>			
No. 1 Detachment	Time 10' 50"		
2	" 10' 32"		
<i>Prince Edward Island Brigade, No. 1 Corporal McLeod—"A" Shift.</i>			
	Dismounting	75 points.	
	Operations on rollers.....	75 "	
Time 19' 55"	Mounting.....	75 "	
	Total.....	225	
<i>"B" Shift—Time 12' 55".</i>			

SHORT COURSE EFFICIENCY.

KINGSTON.

Corporal S. Garrioch...	Winnipeg Field Battery.....	90.87 points..	\$15
Corporal R. Cairns.....	Durham	80.50 "	10
Sergeant H. F. Grundy..	Gananoque	76.62 "	8
Bomb. A. Davie	Durham	74.75 "	5

QUEBEC.

Sergeant J. C. Edwards.	N. B. Brigade, G. A.....	85 points	\$15
Corp. G. R. Brown.....	Woodstock Field Battery	84 "	10
Corp. H. T. Cousins.....	Digby Garrison Battery.....	83 "	8
Gunner R. H. Bryant ...	P. E. I. Brigade, G. A.....	82 "	5