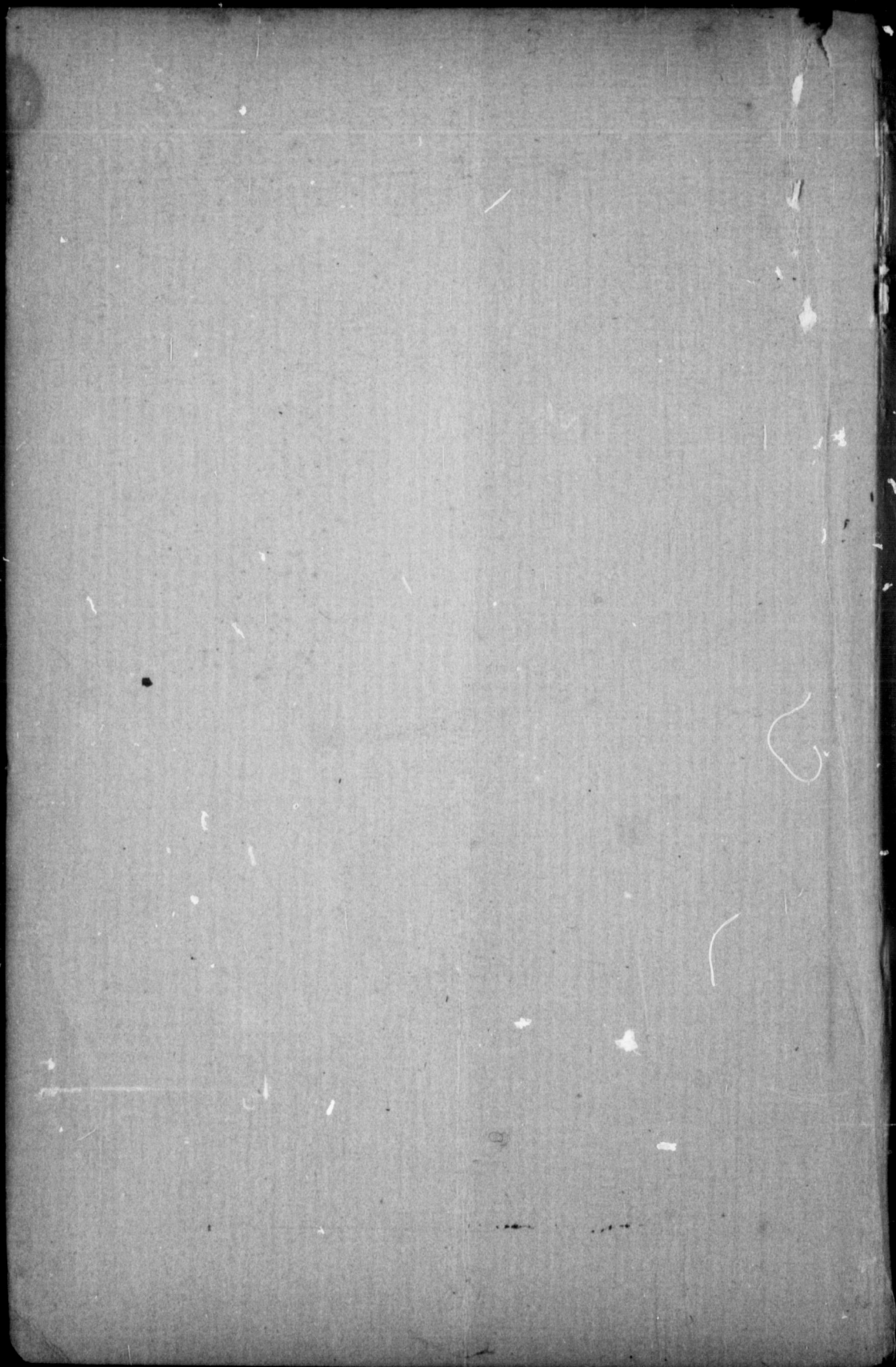


ANNUAL REPORT
— OF THE —
DOMINION
ARTILLERY ASSOCIATION
FOR THE YEAR 1889.



OTTAWA :
PRINTED BY A. S. WOODBURN, ELGIN STREET.
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Dominion Artillery Association, 1889.

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.
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COLONEL WALKER POWELL, Adjutant General.

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VICE-PRESIDENTS.

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" J. R. ARMSTRONG, Comdg. N.B. Bde., Gar. Artillery.
CAPTAIN W. BARCLAY McMURRICH, Comdg. Toronto Gar. Battery.

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

" C. E. MONTIZAMBERT, Asst. Insp. of Art., Quebec.

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" F. M. COLE, " " "

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" J. H. MEAD, Comdg. Field Battery, Toronto.

CAPTAIN BOULANGER, Comdg. No. 2 Battery, G. A., Quebec.

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" CRA
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GENERAL LA
COLONEL GZO
LIEUT.-COLON
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CAPTAIN MCC
" D. C
LIEUT. L. H.
R. MYLES, E
A. W. DODD,
E. S. COX,
T. W. JONES,

LIEUT.-COLON
"
"

MAJOR F. M.
LIEUT. L. H. I
MAJOR J. STEV

LIEUT.-COLON
F. E. KNIGHT,

CAPTAIN J. B.

" VANSTRAUBENZEE, R. E., R. M. College, Kingston.
 " LONGWORTH, Comdg. No. 2 Battery, P.E.I. Bde., Charlottetown.
 " DAVISON, " " I " "
 " FINLAYSON, Brigade G. A., Montreal.
 " OGILVY, " " "
 " CRATHERN, " " "
 " GREGOR, " " "
 " HOWARD, " " "
 " BISSETT, " " "

MEMBERS (*Elected.*)

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 COLONEL GZOWSKI, A.D.C. to the Queen, Toronto.
 LIEUT.-COLONEL THE HON. G. A. KIRKPATRICK, M.P., Kingston.
 " OSWALD, Montreal.
 CAPTAIN MCCRAE, Guelph.
 " D. C. F. BLESS, Field Battery, Ottawa.
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 R. MYLES, Esq., Toronto.
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 E. S. COX, " "
 T. W. JONES, " "

EXECUTIVE COMMITTEE.

Ex-Officio.

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 " C. E. MONTIZAMBERT, Assistant Inspector of Artillery, Quebec.
 " W. H. COTTON, " " Kingston.

Elected.

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 LIEUT. L. H. IRVING, Secretary O. A. A., Toronto.
 MAJOR J. STEWART, Ottawa Fd. By., representing O. A. A.

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 F. E. KNIGHT, Esq., " " "

SECRETARY-TREASURER.

CAPTAIN J. B. DONALDSON, Militia Department, Ottawa.

List of Life Members.

<p>His Excellency Lord Stanley of Preston, G.C.B., Governor General. The Most Honorable the Marquis of Dufferin, 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.</p> <p>Angus, R. B., Esq. Armstrong, Lt.-Colonel J. R.</p> <p>Benny, Robt., Esq. Boulanger, Capt. Brainerd, T. C., Esq. Buntin, Alex., Esq. Burnet, J., Esq.</p> <p>Cameron, Lt.-Colonel. Cassils, C., Esq.</p> <p>Daniels, Surgeon. Donaldson, Capt. J. B. Druinmond, G. A., Esq.</p> <p>Forget, L. J., Esq.</p> <p>Gilmour, Lt.-Colonel A. Gray, Lt.-Colonel J. Gzowski, Colonel C., A.D.C. to the Queen.</p> <p>Hamilton, Robt., Esq. Hickson, Lt.-Colonel. Hogg, John, Esq. Hope, John, Esq. Hosler, E. B., Esq.</p> <p>Irwin, Lt.-Colonel D. T. Joly, Hon. H. G.</p>	<p>King, Major, F., M. D.</p> <p>Lewes, Lt.-Colonel Price. Lindsay, Major Crawford. Lindsay, R. A., Esq. Luard, General.</p> <p>Macdonald, Lt.-Colonel A. H. McGreevy, Hon. Thos., M.P. McIntyre, Duncan, Esq. McKenzie, H., Esq. Middleton, Gen. Sir F., C.B., K.C.M.G. Moat, R., Esq. Montizambert, Lt.-Colonel C. E.</p> <p>Oswald, Lt.-Colonel W. R.</p> <p>Palliser, Capt. E. Paton, Hugh, Esq.</p> <p>Rankin, John, Esq. Raymond, Chas., Esq. Redpath, Peter, Esq. Rowley, W. H., Esq. Scott, Gilbert, Esq.</p> <p>Smith, Sir D. A. Smith, Capt. G. F. Stephen, Sir George, Bart. Strange, Major General, T. B.</p>
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Beaty, J. H.
Bissett, Cap.
Bliss, Capt.,
Bonnell, W.

Call, Lt.-Col.
Carpenter, M.
Cole, Major
Cotton, Lt.-
Cox, G. S.,
Crathern, C.
Curren, Lt.-

Davison, Ca.
Dodd, A.W.
Drennan, M.

Ferguson, D.
Finlayson, C.

Gregor, Cap.

Harris, Vet.
Hendrie, Ca.
Hood, Major
Howard, Ca.
Hurdman, L.

Innes, J. Esq.
Irving, Lieut.
Irving, Lt.-C.

Jenkins, Sur.

MEMBERS.

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| Beaty, J. H., Esq. | Jones, T. W., Esq. |
| Bissett, Captain, M.G.A. | Laurie, General, M. P. |
| Bliss, Capt., Ottawa Fd. Battery. | Laurie, Major, Montreal Bde. |
| Bonnell, W. C., Esq. | Longworth, Capt., P.E.I. Bde. |
| Call, Lt.-Col., Newcastle Fd. Battery. | MacKeand, M., Esq., late Ottawa Fd. By. |
| Carpenter, Major, 77th Batt. | McCrae, Capt., late 1st Bde. |
| Cole, Major, Montreal Bde. | McKenzie, Lt.-Col., Gananoque Fd. By. |
| Cotton, Lt.-Colonel, Asst. I. of A. | McLean, J., Esq. |
| Cox, G. S., Esq. | Mead, Major, Toronto Fd. Battery. |
| Crathern, Captain, M.G.A. | Moore, Lt.-Colonel, P.E.I. Bde. |
| Curren, Lt.-Col., A.D.C., H'fax Bde. | Morsan, Captain, " |
| Davison, Capt., P. E. I. Bde. | Mulock, W., Esq., M. P. |
| Dodd, A.W., Esq. | Myles, R., Esq. |
| Drennan, Major, Kingston Fd. Batt. | Ogilvy, Capt., Montreal Bde. |
| Ferguson, Doctor, M. P. | Peters, Lt.-Col., London Fd. Battery. |
| Finlayson, Captain, Montreal Bde. | Prior, " A.D.C., M.P., B.C. Bde. |
| Gregor, Captain, M.G.A. | Prouse, Lieut., P.E.I. Bde. |
| Harris, Vet. Surgeon, Ottawa Fd. By. | Seeley, Major, New Brunswick Bde. |
| Hendrie, Capt., Hamilton " | Stevenson, Lt.-Col., Montreal Fd. By. |
| Hood, Major, No. 2 By., 1st Bde. | Stewart, Major, Ottawa Fd. Battery. |
| Howard, Captain, M.G.A. | Turnbull, Lt.-Col., Montreal Bde. |
| Hurdman, Lieut., Ottawa Fd. Battery, | Van Straubenzee, Capt. A. H., R. E., |
| Innes, J. Esq., M.P. | R. M. C. |
| Irving, Lieut. L. H. | Van Wagner, Major, Hamilton Fd. By. |
| Irving, Lt.-Col. J. D. | Webster, —, Esq. |
| Jenkins, Surgeon, P.E.I. Bde. | Williams, Captain, London Fd. Battery. |

List of Affiliated Batteries, &c.

Royal Military College, Kingston.

"A" Battery, Regiment Canadian Artillery and R.S.A.

"B" " " " " " "

No. 1 Battery, 1st Brigade, Field Artillery, Guelph, Ont.

No. 2 " " " " "

London Field Battery, London, Ont.

Hamilton, " Hamilton, Ont.

Welland Canal " Port Colborne, Ont.

Toronto " Toronto, Ont.

Durham " Port Hope, Ont.

Kingston " Kingston, Ont.

Gananoque " Gananoque, Ont.

Ottawa " Ottawa, Ont.

Montreal " Montreal, Que.

Shefford " Granby, Que.

Richmond " Richmond, Que.

Quebec " Quebec, Que.

Newcastle " Newcastle, N.B.

Winnipeg " Winnipeg, Man.

Montreal Brigade, Garrison Artillery (6 Batteries), Montreal.

New Brunswick Bde. " (5 "), St. John, N. B.

Halifax Bde. " (7 "), Halifax, N. S.

P. E. Island Bde. " (3 "), Charlottetown, P.E.I.

British Columbia Bde. " (4 "), Victoria, B. C.

Cobourg Garrison Battery, Cobourg, Ont.

No. 2 Battery, Quebec, Que.

No. 1 " Levis, Que.

Yarmouth Garrison Battery, Yarmouth, N.S.

Digby " Digby, N.S.

Pictou " Pictou, N.S.

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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 regular 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 others 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 Adjutant Generals 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 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.

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 Council next after the Annual General Meeting. The Council shall have power to fill up vacancies occurring subsequently. That there 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 first 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 intrusted 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. (See Rule 21.)

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 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 entitled 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, 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 Meeting.

14. The President of the Association shall be entitled to receive payments to the Association.

15. The members of the Association shall be entitled to receive payments to the Association.

16. An Executive Committee shall be appointed by the Council to manage the Association's affairs and to report to the Council on its proceedings.

17. All returns to the Association shall be sent to the Secretary by the President of Council.

18. The Association shall be entitled to receive payments to the Association.

19. The Association shall be entitled to receive payments to the Association.

20. The Association shall be entitled to receive payments to the Association.

21. The Association shall be entitled to receive payments to the Association.

22. All the Association's affairs shall be managed by the Executive Committee, who shall be entitled to receive payments to the Association.

23. The Association shall be entitled to receive payments to the Association.

24. The Association shall be entitled to receive payments to the Association.

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 shall 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, such Association shall be entitled to affiliate with this Association on payment annually of \$2.50 for each battery comprising such Provincial Association.

21. The Provincial Association shall, in addition to its Council membership, be entitled to be represented on the Executive Committee of this Association, in matters connected with the Province, by one of the existing members of Council.

22. All Provincial competitions, other than those which already are, or may be established by this Association, shall be subject to the approval of the Executive Committee of this Association, but shall be arranged for, adjudged and prizes awarded by the Council of the Provincial Association.

23. The Secretary of this Association shall be required to furnish such information from the records of the Dominion Association as may be required for the distribution of additional Provincial prizes.

24. That the *Canadian Militia Gazette*, published at Ottawa, shall be the official organ of the Association; and publication of a notice in that paper, by the Secretary or other person authorized to act on his behalf, shall be a sufficient intimation to all concerned of the holding of any regular or special meeting of the Association, or of any proposed changes in the Constitution and Rules thereof—provided that such notice shall be first inserted at least ten days before the holding of the meeting specified, and shall appear in every subsequent issue until such date.

Minutes of Annual General Meeting.

Proceedings of an Annual General Meeting held at Ottawa on the 21st February, 1889.

Present:—His Excellency, Lord Stanley of Preston, Governor General, accompanied by Captain Colville, Military Secretary; Lieut.-General Sir F. Middleton, Comdg. the Militia; Major-General Laurie, M.P.; Colonel Powell, Adj.-General; Lt.-Colonel Irwin, Inspector of Artillery; Lt.-Colonel Cotton, Asst. Insp. of Artillery; Lt.-Colonel Villiers, D. A. General; Lt.-Colonel Macdonald, Presdt. of the Association; Lt.-Colonel Prior, A.D.C., M.P.; Lt.-Colonel Curren, A.D.C.; Lt.-Colonel McKenzie; Lt.-Colonel Macpherson, Director of Stores; Lt.-Colonel Bacon, Lt.-Colonel Turnbull, Lt.-Colonel Smith, A.D.C.; Major Van Wagner, Major Carpenter, Major Blaiklock, Major Mead, Major Frank King, M.D.; Major Stewart, Captain Hendrie, Captain McCrae, Captain Bliss, Captain Donaldson, Lieut. Irving, Lieut. Macnachtan, Lieut. Mackeand, Lieut. Hurdman, Doctor Ferguson, M. P.; J. Innes, Esq., M. P.; — McLean, Esq.; E. S. Cox, Esq.; W. C. Bonnell, Esq.; T. W. Jones, Esq.; A. W. Dodd, Esq.; J. H. Beaty, Esq.; R. Myles, Esq.; — Webster, Esq., etc.

The meeting was called to order at 12 o'clock, noon, Lt.-Colonel Macdonald, President of the Association, in the chair.

1. It was moved by Major Frank King, seconded by Captain Donaldson, "That the report for 1888, as printed and distributed, be received and taken as read."—Carried.

2. It was moved by Lt.-Colonel McKenzie, seconded by Major Stewart, and carried unanimously by a standing vote:—"That the thanks of the Association be tendered His Excellency the Governor General for his attendance here to-day, for his acceptance of the office of Patron, and for his continuance of the prizes for General Efficiency given by his predecessors, the Marquis of Lorne and the Marquis of Lansdowne."

His Excellency, who was warmly received, replied as follows:—"I assure you it is a sincere pleasure to me to carry out, as far as may be, the good work which has been encouraged by my predecessors. I can assure you that no one brings to the task a greater appreciation of the work than do I. Of course I am not a gunner, but I have seen a great deal of gunners, and therefore, perhaps, I am better able, even than my predecessors, to appreciate the work in which you are engaged. I understand that the Association does add very materially to the strength of the Dominion. We all know that our force is kept up for defensive purposes. We hope that it will never be required even for this purpose; certainly

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not for any purposes of aggression. But in these days, to be forearmed is to be forewarned, and, as far as may be, it is the duty of those who undertake the defence of the country to see they can do so efficiently. Now, sir, I know very well we labor under a special difficulty. In the first place, whatever the personal wishes of the Minister of Militia and Defence may be, he has colleagues in the Cabinet who control him as to ways and means; and further than that, they have behind them the country and a body of constituents who justly demand, in the first place the expenditure shall not be excessive, and in the next place that they shall get their money's worth. Therefore you never have the means here of indulging in *those costly armaments* with which we are too familiar at home, and of which, as a former War Minister myself, I have some personal knowledge. That has its advantages and its disadvantages. There is no doubt that the perfect gun of to day will be the past gun of to-morrow, and the obsolete gun of a few years hence; and that is the difficulty which, by preserving an attitude of entire quiet, you undoubtedly avoid. On the other hand, where circumstances unfortunately call you out for the purposes of defence it implies much more to be done in the case of Artillery than with Infantry arms. Artillery would be brought face to face with the question of dealing with the most improved ordnance, differing entirely from that which they have been in the habit of using, and furnished with the most improved appliances of modern science, supplied, I presume, by the Government of the country. At the present moment you have the 64 pr., which represents the garrison gun, and the 9 pr. muzzle loader, which is used by the field artillery. Speaking of the latter, I venture, in the presence of many military men, to say that it appears to me for all the purposes for which it is ordinarily required, a *very fairly efficient gun*, and those who have read Major Prevost's report—the able superintendent of the cartridge factory at Quebec—will see that he thinks further improvement is possible in shell, by which it may be made an even more powerful gun than at present. But for ordinary work it is, perhaps, as good as we can have. On the other hand we cannot say quite as much about the garrison gun. I only venture to throw out, in the most careful way, the suggestion that there is a possibility of means by which the Dominion may meet the present difficulty without incurring more expense for the purchase of guns. They may approach the Imperial Government with the view of using some of those guns which are mounted for Imperial defence at Halifax. I have some reason to believe that both the General Officer and the authorities there are perfectly willing to put all facilities in the way, and to give the utmost attention in their power. In that way, and in that way only, does it seem to me at the present time, that without great expense gun detachments could become acquainted with the working of improved modern guns. I understand that at Halifax there are some guns of the most improved modern type, and if the Minister of Militia could see his way clear to the difficulty of travelling expenses, etc., it does seem to me possible that gun detachments may be sent down there in succession, and that they might at all events have some idea how to use the more modern appliances that are attached to the modern guns. Of course a great deal can be

eting.

Ottawa on

Major General,
General Sir F.
Colonel Powell,
Colonel Cotton,
Colonel Mac-
; Lt.-Colonel
, Director of
Smith, A.D.C.;
Mead, Major
Crae, Captain
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— McLean,
A. W. Dodd,

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learned in the ordinary drill, and practically that will be carried on as before. That is the only way, I think, of carrying on the work in the most improved way, and without casting a great burden on the finances of the country. I have no authority to say so, but if the question of ammunition was raised the Imperial Government might fairly be asked to help."

3. It was then moved by Lt.-Colonel Macdonald, seconded by Lt.-Colonel Irwin, "That the report be adopted, and the accounts as audited be passed."

The mover and seconder explained the different parts of the report, Lt.-Colonel Irwin entering fully into the report of the Executive Committee.

It was moved in amendment by Major King, seconded and resolved, that the following be added to the concluding paragraph in Council Report: "and to Mr. L. H. Irving for his services at Niagara and Toronto."

It was again moved in amendment to main motion by Major Van Wagner, seconded by Mr. Myles, "That the general efficiency prizes for 1888 be not awarded, on the grounds that the competitions were held under such varying circumstances that it was impossible to arrive at any just conclusion as to the relative efficiency of the different batteries."

After lengthened discussion it was suggested that if the following motion was agreed to it would meet the requirements of the case:—

Moved by Captain McCrae, seconded by Lt.-Col McKenzie, "That this meeting having heard the protest of the Officers of the Hamilton Field Battery desire to direct the attention of the Council to the necessity of examining and revising the rules for marking."—Carried.

The amendment of Major Van Wagner, seconded by Mr. Myles was then withdrawn with consent of the meeting.

The above matter having been settled it was again moved in amendment to the main motion by Lieut. Irving, seconded by Mr. Dodd, "That the following be added to the report of the Executive Committee, 'that this meeting regrets that the Executive Committee of this Association has thought fit to decide upon the merits of the protest made by the Hamilton Field Battery without consulting the representative of the Ontario Artillery Association, which representation the Association is entitled to.' " Lost by vote of President.

The motion (No. 3) was then put to the meeting and carried.

4. Lt.-Col. Curren moved, seconded by Lt.-Col. Turnbull, "that the thanks of the Association are due and hereby tendered to the Hon. Sir A. P. Caron, K. C. M. G., Minister of Militia, for the increased assistance given to the Association last year."—Carried unanimously.

Lieut.-General Sir Fred. Middleton, C. B., K. C. M. G., (in the unavoidable absence of Sir A. P. Caron) replied.

5. The undermentioned were elected members of Council:—

Proposed by Captain Donaldson, seconded by Major Stewart,	
General Laurie, M. P.	Colonel Gzowski, A.D.C.
Lt.-Col. Kirkpatrick, M.P.	Lt.-Col. Oswald.
Captain McCrae.	Captain Bliss.

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Proposed by Major King, seconded by Major Van Wagner,
Captain Hendrie. Lieut. Irving.
Mr. Myles. Mr. Dodd.
" Cox. " Jones.

6. Moved by Lieut. Irving, seconded by Mr. Dodd. "That the Militia Department be requested to furnish two Instructional Targets to each Battery—Field and Garrison.—Carried.

7. Major King proposed, and Captain Hendrie seconded, "That this meeting give an opinion as to the reading of Rules 21 and 22."

With reference to the above, it was contended that Batteries affiliated with the Ontario Artillery Association, were not required to pay any affiliation fee to the Dominion Artillery Association, it being covered by the \$2.50 per Battery paid by the Ontario Association for its affiliation as an Association.

The matter was referred to Council.

8. Surgeon Daniels, N. B. Brigade, G.A., having subscribed \$20 was placed on the list of life members.

9. Election of Officers was then proceeded with, the following being the result :—

PRESIDENT—Lt.-Colonel Macdonald, (*re-elected*).

VICE-PRESIDENTS—Lt.-Colonel Stevenson.

" Curren.

" Armstrong.

Captain McMurrich.

10. It was proposed by Lieut. Hurdman, seconded by Major Stewart, "That the thanks of the Association are due and hereby tendered to Lt.-Colonel Macpherson and F. E. Knight, Esq., for their services as Auditors, and that they be re-elected."—Carried.

11. Proposed by Captain Donaldson, seconded by Captain McCrae, "That the thanks of this Association are due and hereby tendered to the General Passenger Agents of the Intercolonial, Grand Trunk and Canadian Pacific Railways, for the privilege granted to members of travelling over their respective lines to and from this meeting for a single fare."—Carried.

12. It was moved by Major King and seconded, "That the thanks of the Association be voted the Secretary-Treasurer, Captain Donaldson, for the painstaking manner in which he has performed the duties of the office and that the sum of three hundred dollars be given him from the Association as salary for 1889."—Carried

The meeting adjourned about 2.50 p.m.

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

Meetings of Council.

Minutes of a meeting of Council held in the office of the Inspector of Artillery, Ottawa, on the 20th February, 1889.

Lt. Col McKenzie, President of Council, in the chair.

Members present :—Lt.-Col. Irwin, Lt.-Col. Cotton, Lt.-Col. Turnbull, Lt.-Col. Curren, Major Stewart, Capt. Donaldson

It was decided with reference to report of Council that it be suggested to the Annual Meeting that Canvas Clothing be demanded for Field and Garrison Batteries at the rate of 50 per cent. for each.

The usual routine business in connection with the Annual Meeting was transacted, after which the meeting adjourned.

J. B. DONALDSON, Captain,
Secretary.

Minutes of a meeting of Council held after the Annual Meeting on Thursday, 21st February, 1889.

Lt.-Col. McKenzie, President, in the chair.

Members present :—Lt.-Colonels Irwin, Macdonald, Curren and Turnbull ; Majors King, Van Wagner, Stewart and Mead ; Captains Donaldson, Hendrie, Bliss and McCrae ; Lieut. Irving, Messrs. Cox, Dodd and Jones.

Election of Officers was the first business transacted. Lt.-Col. McKenzie having declined re-election, Lt.-Col. Turnbull was elected President of Council for 1889, and took the chair accordingly.

The following officers were elected to the positions opposite their names :—

VICE-PRESIDENTS,	{	Major Crawford Lindsay.
		“ Stewart.
		Captain Hendrie.
		Lt.-Col. Moore.

SECRETARY-TREASURER—Captain Donaldson, re-elected.

EXECUTIVE COMMITTEE	{	Major Cole, M. G. A.
		Lieut. Irving.

Major Stewart was reported as representative from the Ontario Artillery Association.

It was then moved by Lt.-Col. Curren, seconded by Capt. Donaldson, “That the Executive Committee be requested to consider the advisability of making arrangements so that the result of each man’s score may be made known immediately after he has fired.”—Carried

Proposed by Lt.-Col. Macdonald, seconded by Major Stewart, “That the establishment of the annual competitions and prizes for 1889 be referred to the Executive Committee with request that the equalisation of prize-list as regards Field and Garrison, be specially considered.”—Carried.

The President withdrew and Major Stewart, Vice-President, took the chair.

Lt.-Col. Irwin explained the arrangements for annual practice which it was proposed to carry out during the year and requested suggestions from officers present.

Meeting adjourned about 4:30 p.m.

J. B. DONALDSON, Captain,
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Report of Council, 1889.

1. The Council herewith presents the Reports of the Executive Committee and of the Secretary-Treasurer, with accounts duly audited for 1889.

2. The Council has much pleasure in drawing attention to the Secretary-Treasurer's report, which shows that the past year has been the most prosperous one during the existence of the Association—All the Field Batteries with two exceptions, and thirty-one out of thirty-nine Garrison Batteries have affiliated, while the list of individual members shews a gratifying increase.

3. The Annual Meetings for practice have been well attended by both Field and Garrison Batteries.

4. The success already achieved by the Ontario Artillery Association leaves no room for doubt as to the advantages which would accrue to the Service at large, were other similar Provincial Associations organized, as they afford a stimulus to increased efficiency and enlist local sympathy and support, pecuniary and otherwise, which cannot be shared by the Dominion Association. The local distribution of prizes has been found to have a beneficial effect upon the Subscription List.

5. Motions to alter certain existing rules of the Association will be submitted for the consideration of the General Meeting. It is proposed to amend Rule 4, so as to limit the Elective members of Council to officers on the active or retired list, and also that Rules 20, 21, 22, shall be so amended as to render impossible any misconception as to the terms under which Provincial Associations may become affiliated with this Association.

6. The Council would recommend that the Department of Militia and Defence be requested to increase the time allowed non-commissioned officers and gunners of all Batteries that go into camp, by say four days for preliminary drill before going into camp—thus allowing the entire time in camp to be employed in performance of camp duties and other necessary work, much of which is now left undone for the want of time.

7. The Council desires to express its obligations to the Inspector and Assistant Inspectors of Artillery, and their Executive staff for their assistance and co-operation during the Annual Meetings for Field and Garrison Artillery practice and in carrying out the general aims of the Association, which latter have as their chief object the improvement in every detail that effects the Military organization and efficiency of both the Field and Garrison Artillery of the Dominion.

THOMAS T. TURNBULL, LT.-COL.,
President of Council.

Report of the Executive Committee, 1889.

FIELD BATTERY PRACTICE.

1. The main features of the practice for this year consisted in the substitution of a range-finding practice, carried out during annual drill, for the preliminary practice hitherto in use, and the reduction of the actual number of competitors at the ordinary practice from sixteen to eight.

These changes are in accordance with those proposed by the Executive Committee in its last report.

Of the sixteen affiliated batteries, ten were enabled to carry out the range-finding practice, and with very satisfactory results. The range was found by two marksmen of each sub-division, the latter acting independently, and on the range being found by common shell, two rounds of Shrapnel were fired from each gun.

2. The instructional value of this practice to the whole Battery is very great. More attention will have to be paid in future to coming into action and opening fire with rapidity under service conditions, and the practice itself will be carried a stage further by finding the ranges by sections instead of by sub-divisions, and by using a second target when the distance of the first has been correctly found.

3. The actual competitive practice was carried out at a land range near Kingston, and was participated in at that locality by detachments from thirteen batteries—the Newcastle, Winnipeg and Welland Canal batteries fired at local headquarters during their annual camps. The scores made in most instances were very good, and afford a fair test of the relative efficiency as marksmen of each detachment. The following remarks, however, are deemed necessary for general information and future guidance:—

(a) All competitors should be previously well trained in laying a gun, and no man with defective eyesight should be selected as a possible marksman.

(b) Care should be taken in preliminary instruction in fuze boring, many bits having been broken owing to undue haste and want of experience.

(c) Very much more care should be taken in judging the effect of fire, in most instances this can be better done by a signaller with a field glass than by the competitor, and apart from its necessity for required alterations in elevation and deflection, should be invariably practiced as being an absolute necessity on service.

As a first attempt at a general meeting of Field Battery detachments, the competition may be considered as entirely satisfactory, and reflects much credit

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upon the Executive Staff, which was furnished by "A" Battery, R. S. A., with Major Lindsay as Camp Qr.-Master, and the experience gained by all will doubtless be turned to practical advantage in future meetings.

4. In this connection the Committee strongly recommend that steps should be taken to improve the present Service Sights, which are manifestly too rough and coarse to do full justice to the shooting powers of the gun.

DRILL AND DRIVING COMPETITIONS.

5. This competition for Gzowski cup and cash prizes shows a decided improvement, the winning Battery this year performing their drill in the average time of 2 min. 34 $\frac{1}{8}$ sec. as compared with 2 min. 46 sec. the time made by last year's winners. As the competition is a fair test of drill, driving and horses, its continuance in its present form is considered very advisable.

GARRISON ARTILLERY PRACTICE.

6. The practice at local head-quarters was confined to two Batteries each of the Halifax and New Brunswick Brigades, the Cobourg Battery with S. B. guns and the Batteries of the British Columbia Brigade. It was hoped that the latter could have practised under similar conditions to the former, but as they were obliged to fire at a range of about 1350 yds. the other Batteries firing at a range of from 1750 to 1800 yds., the Committee decided that they could not comply with the rules of the competition and their prizes have consequently been awarded at the rate of ten dollars per Battery.

7. The competition at the Island of Orleans was conducted on the same principles as during the former year. It was attended by 31 officers and representatives from 21 Batteries. Owing to an insufficiency of 40-pr. ammunition only 8 rounds from this gun were fired by four competitors in each detachment, the same number firing 4 common shell and 1 Shrapnel each from the 64-pr. The size of the targets was reduced from 8 feet square to that of an ordinary punch-eon, and in consequence they were much more easily replaced when damaged, and the practice was not delayed to any appreciable extent. In a few cases it was noticed that competitors with defective eyesight had been selected as marksmen, and more care in this respect in future is strongly recommended.

The arrangements for camping, subsistence and transport were very satisfactorily carried out by Major Lindsay, Camp Quarter-master, and much of the success of the meeting is undoubtedly due to the able manner in which the necessary details of the management were performed by the working staff detailed from "B" Battery, R.S.A.

SHIFTING ORDNANCE COMPETITION.

8. This competition was well and closely contested by detachments from the Halifax, New Brunswick and Prince Edward Island Brigades. The mem-

bers of all these showed evidence of careful training, and the simple operations elsewhere described, were very correctly performed in the manner prescribed by the Hand-book of Artillery Drills. It was subsequently decided by the Committee that the second prizes in A and B competitions should be awarded.

9. The Committee desire to suggest that special Range Reports for batteries practising at sea ranges be prepared, and that the present rules for practice may be revised with the alterations rendered necessary by recent regulations inserted.

10 *Instructional Target.* These were recommended for supply to each battery by the Executive Committee in its last report, but a motion was subsequently carried at the general meeting that the Government should be asked to supply them—and this Committee are not aware of any subsequent action having been taken. In view of the very trifling cost of these targets if made locally, and the expense which would necessarily be incurred by their transport from any one locality to all batteries, the Committee suggest that the actual cost of manufacture be allowed to each Brigade or Battery making use of such targets.

Signed,

D. T. IRWIN, Lt.-Colonel,
Insp. of Artillery, Chairman.

C. E. MONTIZAMBERT, Lt.-Colonel,
Asst. Insp. of Artillery.

W. H. COTTON, Lt.-Colonel,
Asst. Insp. of Artillery.

F. M. COLE, Major,
Montreal Brigade, G. A.

J. S. STEWART, Major,
Comd'g Ottawa Fd. Battery.

To the Council

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Secretary's Report.

To the Council D. A. A.

I have the honor to present herewith my Annual Report as Secretary-Treasurer for the year 1889—being the fourteenth of the Association—in which the details of the several competitions will be found under their respective heads.

I have much pleasure in reporting an increase of five in the list of affiliations during the year as compared with 1888 and of six over the total for 1887. The affiliations for 1889 have only been exceeded once since the formation of the Association, *i.e.* in 1886 when the total was 51. The average total for 10 years, 1880 to 1889 inclusive, is 42.4, so that this year's total is 7.6 above the average. On the whole I believe 1889 to be the most successful year in the annals of the Association. The number of Annual Subscribers is 53, against 19 for 1888.

The affiliations represent a force of about 3000 officers and men—every one of whom took part, more or less, in the several competitions, which were of a purely technical nature, and carried out under the supervision of the Inspector and Assistant Inspectors of Artillery.

Special donations were received from His Excellency the Governor General, two silver cups for general efficiency; from the Hamilton Powder Co., through the President, T. C. Brainerd, Esq., *one hundred dollars; twenty dollars* from Major Seeley, N. B. Bde., G.A., as life member's subscription; sixteen copies of the Manual of Field Artillery from the Secretary.—It was found impossible to procure the Garrison Artillery Manuals as promised, the work being out of print. The President of Council, Lt.-Colonel Turnbull, has signified his intention of presenting a Silver Challenge Shield for competition, and the Hon. H. Mercier, Premier of the Quebec Government, has offered a valuable prize for Garrison Artillery competition.

The cups presented by the citizens of Quebec and Montreal for competition with the 64 and 40-pr. guns, respectively, have both become the property of the No. 3 Battery, Halifax Brigade, Garrison Artillery, that Battery having won them twice in three successive competitions as required by the conditions under which they were presented.

The scores of the several Batteries have this year been given in full, with a view of making the Report serve as a Battery record—it is hoped that it will meet with the approval of all concerned.

The Treasurer's statement of receipts and expenditure will be found at the end of the Report. The total receipts to date have been \$3,436 of which the sum of \$300 was for affiliations, \$136 for members' fees and \$100 special donation. There is a sum of \$76 still outstanding, being the affiliation fees of five Field and one Garrison Battery, the Royal Military College and "A" Battery, R.S.A., together with the fee of the Ontario Artillery Association. There were in all 7 Field Batteries to be paid for, but two commanding officers remitted the fees under protest when the matter was explained to them. As I shall have to lay this whole matter before you at the next meeting of Council it will be unnecessary to enter into details here.

In addition to the expenditure given in the detailed statement the sum of \$1,397.61, charged to allowance for annual drill, was expended under the authority of the Inspector of Artillery in carrying out the details of the Field Artillery practice.

The Minutes of the last Annual Meeting and meetings of Council are published at pages 12 and 16 of this Report.

I regret to have to record the death, (accidentally), during the year, of an officer who took an active interest in the affairs of the Association. I allude to the death of Major C. J. Short, R.C.A., an officer well known to every member of the Association, and deservedly regretted by all.

Respectfully submitted,

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

Compete

Presented
highest number
Won by No. 1
Lt.-Col. Macdonald

Held for the
Quebec Field Battery
Won in 1881

Presented
No. 2 Battery,
Lt.-Col. Moore,

Held for the
Won by No. 1
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CUPS

Competed for in the Association Competitions.

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

Presented by His Excellency the Governor-General to Battery making highest number of points for General Efficiency during the year (see table)—
 Won by No. 1 Battery, 1st Brigade, Guelph. Major Nicoll, comdg. Battery ;
 Lt.-Col. Macdonald, comdg. Brigade.

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.

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

LANSDOWNE CUP.

Held for the year by Battery second on list for general efficiency. Won by
 Quebec Field Battery, Major Crawford Lindsay, comdg.
 Won in 1888 by Hamilton Field Battery.

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

Presented by His Excellency, same conditions as 1 (see table)—Won by
 No. 2 Battery, P. E. Island Brigade, G. A., Captain Longworth, commanding.
 Lt.-Col. Moore, commanding 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 " " "

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

LANSDOWNE CUP.

Held for the year by Battery second on list for general efficiency.
 Won by No. 1 Battery, P. E. Island Brigade, Captain Davison, comdg.
 Held during 1888 by No. 1 Battery, N. B. Brigade.

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, G. A.—Won by Quebec Field Battery, Major Crawford Lindsay, commanding.

HELD PREVIOUSLY BY:—

1884	Welland Canal Field Battery.		
1885	Montreal	"	"
1886	Ottawa	"	"
1887	Durham	"	"
1888	Winnipeg	"	"

6. Montizambert Challenge Cup.

Firing Competition, Field Artillery, Province of Ontario. Same conditions as No. 5. Presented by Lieut.-Col. C. E. Montizambert, Assistant Inspector of Artillery. Won by the Hamilton Field Battery, Major Van Wagner, comdg.

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	"	

7. Gzowski Challenge Cup.

Drill and Driving, Field Batteries—To be the property of any Battery winning it two years in succession. See report. Presented by Colonel Gzowski, Staff Officer Engineer Force, A. D. C. to the Queen. Won by No. 2 Battery, 1st Brigade, Major Hood, commanding.

HELD PREVIOUSLY BY:—

1884	Quebec Field Battery.		
1885	Kingston	"	"
1886	Durham	"	"
1887	Ottawa	"	"
1888	Gananoque	"	"

8. Montreal Challenge Cup.

For competition with 40-pr. Guns—To be the property of any Battery winning it twice in three successive competitions. Won by No. 3 Battery, Halifax Brigade, Captain Maxwell, commanding. Lt.-Col. Curren, commanding Brigade.

HELD PREVIOUSLY BY:—

1884	English Volunteer Detachment at Island of Orleans.		
1886	Canadian Detachment at Shoeburyness.		
1887	No. 4 Battery, New Brunswick Brigade.		
1888	No. 3 " Halifax	"	

This cup has followed the Quebec Merchants' Challenge Cup, and is now the property of No. 3 Battery, Halifax Brigade, that Battery having won it twice, viz., in 1888 and 1889.

Names of O
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Commandant—L
Adjutant—Capta
No. 1—Sergeant
Gent. Cadet (Ser
"
Bombdr. Beers, '
Corpl. Strange, "
Gunner Saunders
Sergeant Hasting
" Marche
" McIntos
" Price, V
Corporal Mason,
" Turner,
Bombdr. Moser,
Sergeant Swanson
" Boutillie
" Hibbins
" Lemoine
Corporal Lowrie,
Bombdr. Maxwell
" Coffin, C
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Commandant—L
Adjutant—Major
No. 1—Staff Serg
Gent. Cadet (Ser
"
Corporal Hunter,
Gunner Chartrè,
S. Sergt. Kerley,
Bombdr. Gauthie

Shoeburyness Teams.

Names of Officers, N. C. Officers and Gunners composing teams sent by the Association to compete in the National Artillery Association competitions at Shoeburyness, with the prizes won by each team.

1881 Team.

Commandant—Lieut.-Col. Oswald, commanding Bde. Gar. Artillery, Montreal.

Adjutant—Captain J. Peters, "A" Battery, R. S. A.

No. 1—Sergeant O. Genest, "A" Battery, R. S. A.

Gent. Cadet (Sergt. Maj.) Hodgins, R. M. College.

" " Kirkpatrick "

Bombdr. Beers, "A" Battery, R. S. A.

Corpl. Strange, "B" " "

Gunner Saunders, "B" " "

Sergeant Hastings, Montreal Field Battery.

" Marcheterre, Quebec "

" McIntosh, No. 1 Battery, 1st Brigade, Field Artillery.

" Price, Woodstock Field Battery.

Corporal Mason, Toronto "

" Turner, Gananoque "

Bombdr. Moser, Welland Canal "

Sergeant Swanson, Toronto Garrison Artillery.

" Boutillier, Halifax Brigade, Garrison Artillery.

" Hibbins, Montreal " " "

" Lemoine, No. 2 Battery, Garrison Artillery, Quebec.

Corporal Lowrie, Halifax Brigade, Garrison Artillery.

Bombdr. Maxwell, " " " "

" Coffin, Gaspé Garrison Battery.

Prize won—Cup presented by the Right Hon. the Marquis of Lorne, K.T., etc., (then His Excellency the Governor General), for Shifting Ordnance competition, "go as you please."

1883 Team.

Commandant—Lieut.-Col. Macdonald, commanding 1st Bde., Field Art., Guelph.

Adjutant—Major Short, "B" Battery, R. S. A.

No. 1—Staff-Sergeant Lyndon, "B" Battery, R. S. A.

Gent. Cadet (Sergt. Maj.) Nanton, R. M. College.

" " Von Iffland, "

Corporal Hunter, "A" Battery, R. S. A.

Gunner Chartrè, "A" " "

S. Sergt. Kerley, "B" " "

Bombdr. Gauthier, "B" " "

Bgde. Sergt. Major Young, 1st Brigade, Field Artillery.

B. S. Major Maltby, Newcastle Field Battery.

Sergeant Dunnet, Ottawa Field Battery.

" Wilmot, Kingston "

" Huot, Quebec "

" Methot, No. 2 Battery, Garrison Artillery, Quebec.

" Dawson, Montreal Brigade, Garrison Artillery.

" Scott, " "

" Ward, " "

" Gibson, " "

" Russell, Cobourg Battery "

Corporal Offer, P. E. I. Brigade, "

" Drysdale, Montreal Brigade, "

Prize won—Cup presented by the Right Hon. the Marquis of Lorne, K. T., etc., (then His Excellency the Governor General), for Shifting Ordnance competition, "go as you please."

1886 Team.

Commandant—Lieut.-Col. Armstrong, comdg. N. B. Brigade, Gar. Artillery.

Adjutant—Captain Drury, "A" Battery, R. C. A.

No. 1—S. Sergt. Gaffney, "B" Battery, in place of S. Sergt. Cornish, "A" Bat., R. S. A., accidentally injured at Quebec.

Gent. Cadet (Sergt. Maj.) Yorston, R. M. College.

" " Newcombe, "

Bombdr. Bridgeford, "A" Battery, R. C. A.

Gunner D'Amour, "A" " "

" Michaud, "B" " "

Sergt.-Major Doyle, Richmond Field Battery.

Sergeant Good, Woodstock "

" Stewart, Montreal "

" Case, London "

Corporal Jeffrey, Welland Canal "

" Henderson, Durham "

Sergt.-Major Plummer, British Columbia Brigade, Garrison Artillery.

" Seeley, Yarmouth Garrison Artillery.

Sergeant Pratt, New Brunswick Brigade, Garrison Artillery.

" Eisner, Halifax Brigade, Garrison Artillery.

Corporal Ward, Toronto Garrison Artillery.

" Simard, No. 2 Battery, Garrison Artillery, Quebec.

" Bell, Montreal Brigade, Garrison Artillery.

" McLeod, P. E. Island Brigade, Garrison Artillery.

Prizes won—Londonderry Challenge Cup. Montreal Merchants' Challenge Cup. His Excellency the Governor General's (Marquis of Lansdowne) prize for Shifting Ordnance. Sir Richard Wallace's prize (9 silver cups). Certificates of merit in 10" M.L. gun competition.

Roster (chos
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Artillery Associat

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- 2 Montre
- 3 New Br
- 4 P. E. Is
- 5 Toront
- 6 No. 2
- 7 British

Team Roster.

Roster (chosen by lot) of Batteries in the order in which they are to nominate representatives to teams proceeding to Shoeburyness to take part in the National Artillery Association competitions.

The following rule, with reference to the selection of representatives, was agreed to at a meeting of Council held 18th February, 1886.

Field Batteries.

"That the right of field batteries to send representatives on the Shoeburyness team be determined as follows: That a roster of the field batteries be made now, the position of each battery thereon to be determined by lot, and that such field battery have the privilege of sending a representative, in the order in which they appear on the roster. The roster as so formed to be perpetual. Each field battery which fails to send a representative in its turn, to wait until it comes to its turn on the list again before being eligible. Provided always, that no representative shall be taken from a battery which is not affiliated. Batteries hereafter organized to be placed at the bottom of the list. A battery sending a man subsequently rejected shall lose its rights for that year only, and a substitute may be selected at the discretion of the committee of selection.

- | | |
|-----------------------|------------------------|
| 1 Durham. | 10 Winnipeg. |
| 2 Welland Canal. | 11 Gananoque. |
| 3 Richmond. | 12 No. 1 By., 1st Bde. |
| 4 Woodstock. | 13 Kingston. |
| 5 London. | 14 Newcastle. |
| 6 Quebec. | 15 Hamilton. |
| 7 Montreal. | 16 Shefford. |
| 8 No. 2 By., 1st Bde. | 17 Ottawa. |
| 9 Toronto. | |

Garrison Batteries.

The committee appointed to select the garrison batteries from which competitors are to be chosen for the Shoeburyness detachment, have arranged the following permanent roster, on the principle that affiliated brigades consisting of not less than five batteries shall be selected first, to send one representative each, and then that these brigades and other independent batteries should have their places on the roster fixed by ballot. Batteries affiliating subsequently will have their names placed on the roster in succession, according to the date of their affiliation. The roster is as follows:—

- | | | |
|-----------------------------|------------------------------|---------------------------|
| 1 Halifax Brigade. | } Five
batteries
each. | 8 Yarmouth Battery. |
| 2 Montreal Brigade. | | 9 Montreal Brigade. |
| 3 New Brunswick Bde. | | 10 Digby Battery. |
| 4 P. E. Island Brigade. | | 11 New Brunswick Brigade. |
| 5 Toronto Battery. | | 12 Halifax Brigade. |
| 6 No. 2 Battery, Quebec. | | 13 Cobourg Battery. |
| 7 British Columbia Brigade. | | 14 No. 1 Battery, Levis. |

Lorne, K. T.,
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Artillery.

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Challenge
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The following Circulars Containing Instructions as to the Carrying out of the Different Competitions were published for General Information.

FIELD ARTILLERY.

The following instructions are published for the guidance of Officers comdg. Batteries of Field Artillery.

1.—AMMUNITION.

Batteries which perform their Annual Drill in Camps, in the vicinity of which an Artillery Range can be obtained, will bring into camp properly packed in the limbers, the following detail of ammunition, to be taken from their reserve, viz :—

Common Shell	24
Shrapnel "	8
Primers	8
R.L. Fuses	24
5 sec. time fuses	8
Friction Tubes	170
Cartridges, service filled	32

Requisitions in duplicate for 100 rounds blank ammunition, and to complete the above detail if necessary, should be forwarded as soon as possible.

2.—ACCOUTREMENTS.

30 pairs of leggings, and 30 valises, (Cavalry), are issued to each Field Battery.

a. Leggings (or knee boots) are to be worn on all mounted parades by each mounted N.-C. officer, gunner or driver.

b. Valises will be carried in marching order as follows, viz. :—

By each mounted N.-C. officer and trumpeter, on riding horse, strapped on saddle behind the cantle.

One valise strapped on pad of off wheeler, one valise strapped on inside of guard irons on each limber box, if six horses in gun ; If only 4 horses, then one valise will be strapped on trail opposite elevating screw.

c. Knapsacks. The equipment of 44, is to be brought into camp. Those for the gun detachments will be carried as follows, in marching order, viz. : Nos. 6 and 7 in rear of limber boxes, great-coats folded outside and mess tins strapped on the outside edge of each knapsack.

Nos. 2, 3, 4 and 5 strapped to the guard irons in rear of each gun axle-tree seat, the knapsacks to be placed one above the other, the uppermost in line

with top of guard
centre of great-co

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3.—HARNESSING.

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Manual, p. 58, n

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4.—CAMPING.

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5.—Officers cor
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OTTAWA, 5th Ma

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2. Batteries
or water range ca
tional practice.

with top of guard iron, great-coats folded outside in rear. Mess tins outside centre of great-coats.

NOTE.—With old pattern carriages fitted with low guard-irons, only two knapsacks can be carried in this manner.

3.—HARNESSING.

Harness bridles are to be worn on all parades except 'watering order.' If due attention is paid to the fitting of head-stall and curb-chain as detailed in the Manual, p. 58, no difficulty will be experienced in managing the horse.

A strap $\frac{3}{4}$ in. wide with buckle may be used, if preferred, instead of the curb-chain.

The side rein will not be required for the off leader when ridden by No. 7, and the latter will use the bearing rein to assist in guiding the horse.

4.—CAMPING.

When the circumstances of the case will permit, all batteries will encamp as detailed in Manual for 'Full interval,' with the exception that the guns will be parked at half interval, and unless it is absolutely necessary that the horse lines should be within the camp, the tents will be aligned on the flank guns, 24 yards apart, and an interval of 15 yards maintained between adjacent corps.

When it is necessary that the horses should be attached to a picket rope, the latter should be securely made fast not less than 2' 6" from the ground.

Batteries should in all cases bring their picket ropes to camp.

5.—Officers commanding Batteries, are to bring to camp their Artillery Store Ledgers, Service Rolls and Clothing distribution lists. Credits for Discipline, Camping, &c., will be affected by the manner in which these are kept, and the preceding instructions observed.

By order,

D. T. IRWIN, Lieut.-Col.,

Inspector of Artillery.

OTTAWA, 5th May, 1889.

ANNUAL GUN PRACTICE, 1889.

FIELD BATTERIES.

GENERAL REGULATIONS.

1. In accordance with G. O. (9) 17-5-'89, the following instructions are issued for the annual Gun Practice of the Field Batteries in the Dominion:—

2. Batteries which perform their drill in camp, in the vicinity of which a land or water range can be obtained, will, this year, carry out the following instructional practice.

Range finding by sub-divisions.—The entire battery will parade in drill order, march to the practice ground, and come into action under service conditions.

The target will consist of a barrel or cask, moored or placed at any distance between 1500 and 2500 yards—no barrels will be used. The range party will not signal any of the shells, but will keep a record of the estimated distance from the target at which each shell strikes the plane, or bursts.

Two marksmen will be selected from each sub-division, and the guns will each be laid under the supervision of one of the battery officers.

The following process will then be adopted by each sub-division acting independently so far as regards the elevation, deflection, and subsequent corrections; no communication being allowed between sub-divisions :—

(a). The gun will be laid (common shell, percussion fuze,) by the first No. 1, at the elevation proper for the range as estimated by him, according as the shell is short or over, the second round will be laid with an elevation corresponding to 100 to 300 yards, over or under, with the object of making certain that the shell shall fall on the opposite side of the target to that on which the first shell fell—when the target has been included between two shells the long “bracket” is found.

(b). To find the short “bracket.”—The third round will be laid with the elevation corresponding to the mean between the two ranges which make up the long bracket. If this be short, or over, the fourth round will be laid with the elevation corresponding to the mean between the third round and the second, or first, and if the shell fall on the opposite side of the target to that on which the third shell fell—the short “bracket,” viz., that between the third and fourth shell, will have been found, and the correct range will be within these distances.

The fifth and sixth rounds will be fired at the mean of the short bracket, with the object of verifying the range.

(c). The first three rounds will be laid by the first selected No. 1, the next three by the second No. 1. The former will prepare his own fuze and lay the seventh round (Shrapnel shell), and the latter the eighth round (Shrapnel shell). Points for direction will be given by the officer superintending the practice, who will also direct the order of fire; at the conclusion of the practice the points for elevation obtained by each sub-division will be obtained from the distances recorded by the range party, according to the usual scale, and the total number of points obtained by each sub-division duly recorded.

(d). The only competition sanctioned in the above practice, will be between sub-divisions. Each battery will have a separate target, and no two batteries will practice together.

(e). The officer commanding artillery in camp will make the necessary arrangements for providing targets and for range duties.

3. A general meeting for field artillery practice having been authorized to be held at Kingston during the month of September, the following arrangements will be made with reference thereto :—

Transport for officers and eight Sydney, Newcastle for each day necessary.

4. The number

The range will be by Inspector of Artillery only will be signalled.

The officers will be firing.

5. Tents and arrangements made for the dates of meeting frequently.

6. Officers of the ton, will make the authorized in G. according to the

21st May, 18

CIRCULAR.

1. ANNUAL Rules for practice

On Land R two or more B signalling purposes

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Batteries un at Kingston and where, will be un for the efficiency and range officer or Assistant Insp

2. GENERAL the credits award

Transport from battery headquarters and return will be allowed for four officers and eight N. C. officers or gunners from all field batteries, the Winnipeg, Sydney, Newcastle and Woodstock excepted, and an allowance of 75 cents each for each day necessarily absent from battery headquarters.

4. The number of rounds to be expended are as detailed in G.O.(9), 17-5-'89.

The range will be not less than 1800 yards. Rules for practice as published by Inspector of Artillery. The result of the trial shots and of the Shrapnel shell only will be signalled by the range party.

The officers instructional practice will be carried out before the competition firing.

5. Tents and blankets will be provided on the practice ground, and arrangements made for subsisting the detachments in camp. Further information as to dates of meeting and assembly of detachments, etc., will be published subsequently.

6. Officers commanding batteries which practice elsewhere than at Kingston, will make the necessary requisitions for ammunition, according to the scale authorized in G. O. (9), without delay. Practice in all cases will be conducted according to the above regulations.

D. T. IRWIN, Lt.-Col.,

Inspector of Artillery.

21st May, 1889.

CIRCULAR.

1. ANNUAL GUN PRACTICE.—The following addition will be made to the Rules for practice :—

On Land Ranges, when the circumstances of the case will permit, or when two or more Batteries are practising together, telephones may be used for signalling purposes.

When the signalling is by flags, as already described, and if considered necessary by the umpire, a white flag may be hoisted at the Battery when Shrapnel shell are to be fired ; if any doubt should arise as to the signalled value of a blind Shrapnel, a white flag is to be hoisted at the Battery, and a repetition of the previous signal called for.

Batteries unable to send detachments to the General Competitive Meetings at Kingston and Quebec, and which perform their annual gun practice elsewhere, will be unable to count their scores for aggregate or individual prizes, or for the efficiency competition, unless such scores are certified to by an umpire and range officer unconnected with the Battery, and appointed by the Inspector or Assistant Inspector of Artillery.

2. GENERAL EFFICIENCY COMPETITION.—In order to more nearly equalise the credits awarded for theoretical and practical subjects in Garrison Batteries,

the values of answers to questions will be reduced from 30 and 48, to 24 and 36 respectively.

A reduction of one point from the general total gained by any Battery, will be made for each N. C. officer or gunner below the establishment authorized for drill, whose absence at inspection is not satisfactorily accounted for under exceptional conditions.

The percentage of the highest possible score made by each Field Battery, will in future be counted for general efficiency, instead of one-fifth the score made.

By order,

J. B. DONALDSON, Captain,
Secretary.

21st May, 1889.

STANDING ORDERS FOR ARTILLERY CAMPS.

1889.

1. On arrival at camp the officer in command of detachments will report to the Camp Adjutant, who will detail the tents, stores, &c., to be taken over by the detachments. The general distribution will be two officers to a tent; non-com. officers and gunners, seven or eight to a tent; field officers, a tent each. An officers' mess will be established in camp, and rations and cooking arrangements provided for the N. C. officers and gunners. Each man is required to bring with him one tin plate, one cup or canteen, and knife, fork and spoon.

2. All officers and men forming the camp will be liable for any duty that may be required. When detachments are paraded all officers not detailed for special duty will parade and march with their detachments to practice or drill, as the case may be. One officer at least must be present with his detachment during practice.

3. The senior non-com. officer or gunner of each tent will be held responsible for the quietness and order of the men under his charge, and for their being present in the tent at roll call. He will also be responsible for the general cleanliness of his tent, and will see that the palliasses are properly rolled and appointments securely placed.

4. Officers in charge of detachments will be responsible to the Camp Quarter-Master for the tents and stores issued to them. Should any of these stores be damaged or missing the regulation price for such damage or loss will be charged to the officer in command.

5. No non-com. officers or gunners are allowed to leave the camp lines unless properly dressed to go out. Officers and men desiring to sleep out of camp must obtain leave of absence.

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When 40-pr.
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64-pr. 1

40-pr. 1

64-32-pr. R. M. L. Guns.

Eight competitors to be selected by the officer commanding the Battery, from amongst the best and most efficient N.C. officers and men, to fire two rounds each, viz :—

2 Common shell, plugged.....	16
Trial shots—Common shell, plugged.....	2
	<hr/>
	18

The above rounds to be fired deliberately, and the result of each shot signalled from the range. Range to be at least 1,700 yards.

The four competitors making the highest score at above practice to fire three rounds each, viz :—

2 Common shell, plugged.....	8
1 Shrapnel shell, time fuze.....	4
Officers instructional practice—Common shell, plugged.....	9
	<hr/>
Total.....	21
	<hr/>
Total rounds.....	39

When 40-pr. R.B.L. guns are used in the preliminary practice each competitor will fire :—

2 Common shell, plugged.....	16
1 Shrapnel shell, time fuze.....	8
Trial shots—Common shell, plugged.....	2
	<hr/>
	26

And in subsequent competition :—

3 Common shell.....	12
1 Shrapnel shell.....	4
Officer's instructional practice—Common shell, plugged.....	9
	<hr/>
Total.....	25
	<hr/>
Total rounds per Battery.....	51

The above scale was adhered to except in the case of Garrison Batteries practising in the general competition at Island of Orleans, Quebec, for which special arrangements were made :—

Four competitors selected from each detachment of 7 N.C. officers or gunners. To fire each :—

64-pr. R.M.L. gun—Common shell, plugged.....	4
Shrapnel “ time fuze.....	1
	<hr/>
	5
40-pr. R.B.L. gun—Common shell, plugged.....	2

OFFICERS' COMPETITION.—Open to all combatant officers present with detachments, each

Common shell, plugged, 64-pr. gun 4

The competitions were carried out under Rules for Practice and Rules for Marking issued by the Inspector of Artillery. Large barrels were substituted for the ordinary 8' x 6' targets, in accordance with a recommendation made by the last Executive Committee.

Rules for Practice.

1. Competitions limited to number of N. C. officers and men as directed in General Orders.
2. At the discretion of the Officer superintending the practice, two trial shots, common shell with percussion fuze, or solid shot, may be allowed at the commencement of each Battery competition, or when two or more Batteries are firing together, or *when target has been moved to a different locality during a competition*.—Trial shots to be laid by the Umpire, on the target, without any deflection and the results signalled.
3. Before commencing, guns to be in action, time fuzes not bored, percussion fuzes may be screwed in, detachment in post at the guns or under cover.
4. Each competitor to prepare and fix his own time fuzes, and to lay his gun without verbal assistance except from the officer in command, who may advise the competitor as to length of fuze, elevation, deflection, &c., but who must not look over or correct the laying of the gun.
5. Lots to be drawn for the order of competitive firing, and not divulged until the competitor is called out by the Umpire.
6. The Range Officer is alone responsible for points given for elevation. No appeal.
7. The danger flag will be *hoisted* and "cease firing" sounded by the Range Officer when it is necessary to visit the target. When these signals are *repeated* from the Battery and the firing flag lowered, he can visit the target, lowering the danger flag and sounding "commence firing" when he has returned to a place of safety.
8. The Officer in charge of the marking at the Battery is alone responsible for points given for direction. No appeal.
9. On all other matters the decision of the Officer superintending the practice is final. No appeal.
10. Each competitor may be told the points given for direction and *may also select one of his Battery* to judge the effects of his shot and inform him of it, *but such assistant must not take up any position in front of that occupied by the guns.*
11. Ties to be decided by—
 - a. Points for direction.
 - b. Common shell score.
 - c. Points in preliminary score (if any).
 - d. Time.

12. The prizes for individual score. The prizes for the aggregate score.

2
A ————— 100 yds

Under, between
Over, " "
Over or under
Direct Hit

Under, between
" " "
Over
If Fuze

5	4
100	

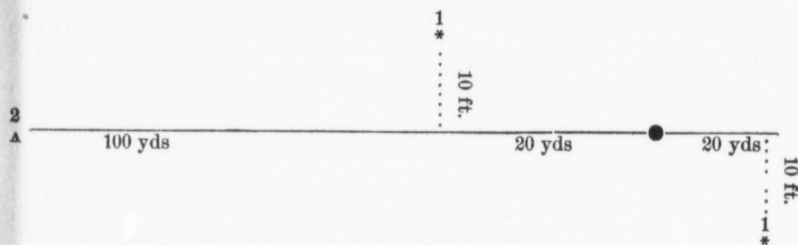
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12. The prizes offered by the Dominion Artillery Association or others, for individual scores will be competed for in the second or competitive practice. The prizes for battery scores, or for efficiency competitions will be decided by the aggregate scores at both practices.

Rules for Marking.

SEA RANGES.



ELEVATION.

Common Shell or Solid Shot.

Under, between 1 and Target.....	3
Over, " 1 "	2
Over or under, within 5 yds. of Target.....	4
Direct Hit—extra.....	2

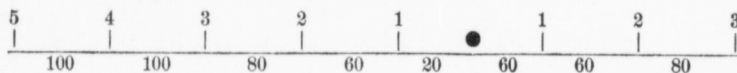
Shrapnel Shell—Fuze Good.

Under, between 1 and Target.....	3
" " 1 and 2	4
Over	0

If Fuze blind, half points as for common shell under and over.

Direct hit—1 extra.

LAND RANGES.



ELEVATION.

Common Shell or Solid Shot.

Between 1 and 1.....	6
" 1 " 2.....	4
" 2 " 3.....	2
Direct Hit—extra.....	2

DIRECTION.

In line.....	2
Within limits.....	1

Shrapnel Shell—Fuze Good.

Between 2 and	Target.....	2
" 2 "	3.....	4
" 3 "	4.....	5
" 4 "	5.....	3

If Fuze blind, half points as for common shell under and over.

Direct hit—1 extra.

No points to be given for shells bursting beyond the target, whether before or after graze.

Shells grazing outside limits, over or under, to have no points for elevation or fuze.

Shells grazing and bursting within shrapnel limit to receive points according to position of burst.

NOTE.—The above scale of distances for Land Ranges is calculated for ranges over 1,300 yards; below this, distances to be $\frac{3}{4}$ the above.

Target for the longer ranges, 6 ft. high by 8 ft. wide; below 1,300 yards—4 ft. high by 6 ft. wide.

Signalling.

Range Officer to face the Battery.

To signal values—each wave indicates 1 point.

In bounds, over—wave to the right.

" under— " left

In line—flag to be held vertical.

Direct hit—flag to be waved right and left overhead

To signal shots out of bounds—

Every 10 yds. out of bounds, over—one wave to the right.

" " under " left.

Danger—Cease firing—Red flag held vertical.

Repeat previous signal—Red flag waved right and left overhead.

} Blue flag.

} White flag.

EXTRACT FROM CIRCULAR DATED 21ST. MAY, 1889.

"On Land Ranges, when the circumstances of the case will permit, or when two or more Batteries are practising together, telephones may be used for signalling purposes."

"When the signalling is by flags, as already described, and if considered necessary by the Umpire, a white flag may be hoisted at the Battery when shrapnel shell are to be fired; if any doubt should arise as to the signalled value of a blind shrapnel, a white flag is to be hoisted at the Battery, and a repetition of the previous signal called for."

Time Allowance.

Field guns..... 1 min. 30 sec. each round.

Garrison guns..... 2 min. 30 sec. "

A reduction of 1 point for every 30 sec. or fraction thereof beyond allowance.

Badges as for a
Prizes, value ..

Aggregate

Individual:—

1st Prize ..

2nd " ..

Badges as for F

Aggregate

Individual:—

1st Prize ..

2nd " ..

Badges as for G

Shifting Ordnan

Instruction

\$5.00.

Aggregate Score

*Cup to becom
making highest sco

Prize List, 1889.

ROYAL MILITARY COLLEGE.

FIRING COMPETITION.

Badges as for a Field Battery.

Prizes, value	\$25 00	\$25 00
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ROYAL SCHOOLS OF ARTILLERY.

FIRING COMPETITION.

9-pounder R. M. L. Guns.

Aggregate	\$15 00
-----------------	---------

Individual:—

1st Prize	6 00
2nd "	4 00

Badges as for Field Batteries.

64-pounder R. M. L. Guns.

Aggregate	15 00
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Individual:—

1st Prize	6 00
2nd "	4 00

Badges as for Garrison Battery.

Shifting Ordnance	25 00	75 00
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FIELD BATTERIES.

Instructional Practice.—Subdivision making highest score in each Battery, \$5.00.

FIRING COMPETITION.

9-pounder R. M. L. Guns.

Aggregate Scores—1, *Oswald Cup and	\$30 00	100 00
2	25 00	
3	20 00	
4	15 00	
5	10 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 conditions.

Individual Scores—1 at \$10.....	\$10 00	
2 " 8.....	16 00	
3 " 6.....	18 00	
3 " 5.....	15 00	
4 " 4.....	16 00	
5 " 3.....	15 00	
5 " 2.....	10 00	
		100 00

Badges in same proportion as last year.

To highest individual score in each Battery, Secretary's prize, Manual of Field Artillery for Canada.

OFFICERS' COMPETITION.

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	
		75 00

Cup to become the property of any Battery winning it two years in succession.

GARRISON BATTERIES.

COMPETITIONS AT ISLAND OF ORLEANS.

64-pounder R. M. L. Guns.

Aggregate Scores—1.....	\$25 00	
2.....	15 00	
3.....	10 00	
		50 00
Individual Scores—1 at \$10.....	\$10 00	
2 " 8.....	16 00	
2 " 6.....	12 00	
6 " 2.....	12 00	
		50 00

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

Aggregate Scores—1.....	\$20 00	
2.....	12 00	
3.....	8 00	
		40 00
Individual Scores—1 at 8.....	\$ 8 00	
2 " 5.....	10 00	
3 " 4.....	12 00	
5 " 2.....	10 00	
		40 00

Montreal Challenge Cup to be the property of any Battery winning it twice in three successive competitions.

Aggregate 64 and 40-pr. Guns.

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

1st. Prize.....
2nd. ".....
3rd. ".....

Shift A.—1st. P.....
2nd.....
3rd.....

Shift B.—1st P.....
2nd.....
3rd.....

One first p.....
four detachments

1st Prize.....
2nd ".....

Batteries pr.....
bia, prizes at the.....
Badges in s.....
Highest ind.....
quarters, Secreta.....

One prize if two.....

1st. To Bat.....
Trophy presente.....
2nd. To Ba.....
be held for the y.....

To N. C. of.....
and Quebec, eac.....
1st Prize.....
2nd ".....
3rd ".....

Highest Average.....
Second.....

OTTAWA, 5th Jun

OFFICERS' COMPETITION.

1st. Prize.....	value	\$20 00	
2nd. "	"	12 00	
3rd. "	"	8 00	
			40 00

SHIFTING ORDNANCE COMPETITION.

Shift A.—1st. Prize.....	\$25 00	
2nd "	15 00	
3rd "	10 00	
		50 00
Shift B.—1st Prize.....	\$25 00	
2nd "	15 00	
3rd "	10 00	
		50 00

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

LOCAL HEADQUARTERS.

64-pr. Gun.

OFFICERS' COMPETITION

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

Batteries practising at local headquarters, including those in British Columbia, prizes at the rate of ten dollars per Battery entering into the competition.

Badges in same proportion as last year.

Highest individual score in each Battery, Island of Orleans and Local Headquarters, Secretary's Prize, Manual of Garrison Artillery, Part I.

SHIFTING ORDNANCE.—BRITISH COLUMBIA.

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

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.

2nd. To Battery making the second highest total points, Lansdowne Cup to be held for the year, and \$25.00.

SHORT COURSE EFFICIENCY.

To N. C. officer or gunner obtaining highest decimal at R. S. A., Kingston and Quebec, each :—

1st Prize.....	\$12 00	
2nd "	8 00	
3rd "	5 00	
		50 00

VOLUNTARY DRILLS.

Highest Average Attendance, Field or Garrison....	\$20 00	
Second	10 00	
		\$30 00

By order,

J. B. DONALDSON, Captain,

Secretary.

OTTAWA, 5th June, 1889.

Summary of Prizes Awarded.

ROYAL MILITARY COLLEGE COMPETITION \$25.00

Royal Schools of Artillery.

9 PR. R.M.L. GUNS.

Aggregate Prize.....	"B" Battery.....	15.00
Individual ".....	S. Sgt. O'Grady, "B" Battery.....	6.00
" ".....	Sgt. Major Stroud, "A" Battery.....	4.00

Field Batteries

AGGREGATE SCORES.

Battery.	Score.	Points for direction.	Prize.
1. Quebec.....	220	.....	Oswald Cup and \$30.00
2. Hamilton.....	218	.....	Montizambert Cup & 25.00
3. No. 1, 1st Bde.....	217	81	20.00
4. Ottawa.....	217	76	15.00
5. London.....	200	.....	10.00

INDIVIDUAL PRIZES.

Name.	Battery.	Score.	Dir.	C. S. Score.	
1. Sgt. Cloutier.....	Quebec.....	47	.....	.....	\$10.00
2. Sgt. Maj. Wilnot.....	Kingston.....	44	.....	.....	8.00
3. Corpl. Pagé.....	Quebec.....	41	11	.....	8.00
4. Gunner Boodich.....	Hamilton.....	41	10	.....	6.00
5. Gunner Atkinson.....	Hamilton.....	40	12	.....	6.00
6. Corpl. Crowe.....	No. 1, 1st Bde..	40	10	.....	6.00
7. Sgt. Major Simpson.....	No. 2, 1st Bde..	38	11	.....	5.00
8. Sgt. Major Wholton.....	Hamilton.....	37	11	.....	5.00
9. Bomb. Pratt.....	London.....	36	11	30	5.00
10. S. Sgt. Warrington.....	Toronto.....	36	11	29	4.00
11. Sgt. Maj. Birchall.....	Welland Canal.	35	.....	.....	4.00
12. Sgt. Hood.....	Ottawa.....	34	11	.....	4.00
13. S. Sgt. Armstrong.....	No. 1, 1st Bde..	34	11	28	4.00
14. Corpl. Bonnell.....	Ottawa.....	34	10	27	4.00
15. Corpl. Lloyd.....	Gananoque.....	34	9	.....	3.00
16. Sgt. Major McMahon.....	Durham.....	34	8	.....	3.00
17. Sergt. Sallows.....	No. 1, 1st Bde..	33	12	.....	3.00
18. Corpl. Eaton.....	Toronto.....	33	10	27	3.00
19. Qr. Mr. Sgt. Mowat.....	Montreal.....	33	10	21	2.00
20. Corpl. Dudley.....	Shefford.....	33	9	.....	2.00
21. Sergt. Booth.....	Shefford.....	33	8	.....	2.00
22. Sergt. R. J. Kendall.....	Montreal.....	32	.....	.....	2.00
23. Corpl. Stack.....	Winnipeg.....	31	.....	.....	2.00

OFFICERS' COMPETITION.

1. Lieut. Doyle.....	Richmond Field Battery.....	Prize Value	\$20.00
2. Lieut. McCrae.....	1st Brigade.....	"	15.00
3. Capt. Murchison.....	".....	"	10.00

1. No. 4, P. E.
2. No. 2, Halifax
3. No. 5, "

Names.

1. Gunner Scan
2. Corpl. Whear
3. Gunner Thea
4. Sergt. Migne
5. Sgt. Maj. La
6. Corpl. Letson
7. Bomb. Wats
8. Sgt. P. McDo
9. Sgt. Mackay
10. Gunner Huto
11. Sgt. Loisel

1. No. 3 By. H
2. No. 2 By. F
3. No. 1 By. F

Names.

1. Gunner Mor
2. Sergt. Offer
3. Sergt. Mign
4. Sergt. Dove
5. Corpl. Weat
6. Gunner Wa
7. Gunner Bett
8. Gunner Lan
9. Corpl. McDo
10. Corpl. Thea
11. Sergt. Alley

1. No. 4 Batter
2. No. 1 "

1. Lieut. Marsa
2. Lt.-Col. Moo
3. Captain Bou

H

1. No. 1 Batter
2. No. 5 "

1. Sergt. SEMPL
2. " Frawls
3. Corpl. Pierce
4. Sgt. Maj. Mc
- British Columbi
- Cobourg Battery

Garrison Batteries.

ISLAND OF ORLEANS.—AGGREGATE SCORES.

64 pr. R. M. L. Guns.

1. No. 4, P. E. I. Brigade.....	132 points	\$25.00
2. No. 2, Halifax "	119 "	15.00
3. No. 5, "	111 "	10.00

INDIVIDUAL.

Names.	Battery.	Points for			
		Score.	Direction.	Elevn.	Time.
1. Gunner Scantlebury...No. 4	By. P.E.I. Bde...	38	..	..	..
2. Corpl. Whear	4 By. " "	37	..	..	..
3. Gunner Theakston....	5 By. Halifax Bde..	35	..	10	..
4. Sergt. Migneault.....	2 By. Quebec.....	35	..	8	..
5. Sgt. Maj. Lamontagne	" "	34	..	10	..
6. Corpl. Letson.....	2 By. Halifax Bde..	34	..	9	27
7. Bomb. Watson.....	6 " " "	34	..	9	27
8. Sgt. P. McDonald.....	3 By. Montreal " ..	33	..	8	28
9. Sgt. Mackay.....	2 By. Halifax " ..	33	..	8	26
10. Gunner Hutcheson...	6 By. Montreal " ..	32	..	10	..
11. Sgt. Loiselle.....	1 By. Lewis G. A....	32	..	9	..

40 pr. R. B. L. Guns.

AGGREGATE.

1. No. 3 By. Halifax Bde.....	60 points.....	\$20.00
2. No. 2 By. P.E.I. Bde.....	50 "	12.00
3. No. 1 By. P.E.I. Bde.....	49 "	8.00

INDIVIDUAL.

Names.	Battery.	Score.	Dir.	Time.	
1. Gunner Morgan .. .No. 3	By. Halifax Bde..	20	..	..	\$8.00
2. Sergt. Offer.....	1 By. P.E.I. " ..	18	..	..	5.00
3. Sergt. Migneault.....	2 By. Quebec " ..	16	..	4	4.17
4. Sergt. Dover.....	2 By. P.E.I. " ..	16	..	4	5.39
5. Corpl. Weatherby.....	3 By. Halifax " ..	15	..	3	4.06
6. Gunner Watson.....	6 " " "	15	..	3	5.00
7. Gunner Betts.....	1 By. N.Brunswick Bde	15	..	3	5.02
8. Gunner Lane.....	2 By. P.E.I. Bde..	14	..	4	3.10
9. Corpl. McDonald.....	1 " " "	14	..	4	4.00
10. Corpl. Theakston....	5 By. Halifax " ..	14	..	4	4.15
11. Sergt. Alley.....	2 By. P.E.I. " ..	14	..	2	..

64 and 40 pr. Aggregate.

	64 pr.	40 pr.	Total.	
1. No. 4 Battery P.E.I. Bde..	132	29	161	\$15.00
2. No. 1 " " "	109	49	158	10.00

OFFICERS' COMPETITION.

1. Lieut. Marsan	No. 1 Battery, Lewis.....	Prize value	\$20.00
2. Lt.-Col. Moore.....	P.E.I. Brigade.....	..	12.00
3. Captain Boulanger.....	No. 2 Battery, Quebec.....	..	8.00

Local Head Quarters, 64 pr. Guns

Halifax and New Brunswick Brigades—2 Batteries each.

AGGREGATE.

1. No. 1 Battery, Halifax Brigade.....	\$12.00
2. No. 5 " " "	8.00

INDIVIDUAL.

1. Sergt. Semple	No. 5 Battery, New Brunswick Brigade.....	\$8.00
2. " Frawley.....	1 " " " "	5.00
3. Corpl. Pierce.....	1 " " " "	4.00
4. Sgt. Maj. Melvin.....	1 " " " "	3.00
British Columbia Brigade (3 batteries).....		\$30.00
Cobourg Battery (S. B. Guns).....		10.00

ROYAL MILITARY COLLEGE COMPETITION.

The Secretary D. A. Association.

DEAR SIR,—I beg to enclose a copy of the Report on the Competition held for the purpose of giving the prizes and badges granted to the R. M. College for 1889 by your Association.

The prizes were given on the 3rd instant at a general parade, when the Commandant was present. Colonel Cotton kindly presented the prizes.

The amount of your grant, *Twenty-five* dollars, was expended in purchasing 3 field glasses from Mr. Gaygini, of Paris. The whole of the five badges which you kindly sent to me were also given.

I think that the effect of giving these prizes and badges for practical artillery has been very good. It has served to keep up some attention to the subject which is apt to die away when cadets reach the 1st class, in which they have no instruction in artillery, that subject having been studied in the second class. It has left us free to make full use of our gun ammunition in a more interesting and instructive manner than formerly.

I beg to say how highly I appreciate the liberality of the Association in allowing us to make use of this annual grant as we liked. Its advantage is thereby much increased.

Yours truly,

(Signed), EDWARD NASH,
Major.

R. M. COLLEGE, *5th May, 1889.*

Report of Competition for D. A. A. Prizes, 1889.

The competition was divided into the following branches of practical artillery work :—

1. Laying.
2. Drill with 64 pr. and 6 pr. guns.
3. Knotting, splicing, &c.
4. Practical questions in artillery.

With a proportion of marks for style or smartness.

The whole of the first-class entered for the competition. After the laying competition some dropped out. Seven cadets went through the whole course.

Table of Marks, etc., Awarded

NAMES.	Laying. 100	Drill. 50	Knotting 50	Questions 50	Style. 50	Total 300	
Corpl. Smart . . .	82	50	49	24	50	255	
Sergt. Gillmore . . .	78	40	36	9	30	193	Field glass value \$18 & badge
Sergt. Simpson . . .	63	40	31	13	30	177	" " \$7 "
Sgt. Maj. Kerr . . .	67	40	14	12	40	173	" " \$5 "
Sgt. Bermingham . .	64	35	25	11	30	165	Badge
Corpl Ritchie . . .	58	25	32	20	25	160	"
Sgt. Maj. Rogers . .	39	40	17	22	35	153	

(Signed) E. NASH, *Major.*

RECORD O

NAMES

Driver G. D'Aoust

Bomb. McIntyre, V

Bomb. Chapman, I

Sgt. Maj. Stroud, V

Rdg. Inst. Newnha

Sergt. Gimblett, W

Driver Dafoe, J. . .

Sgt. Inst. Ducharn

competition held
M. College for

trade, when the prizes.

in purchasing
badges which

tactical artillery
to the subject
they have no
ond class. It
interesting and

Association in
stage is thereby

WASH,
Major.

of practical

er the laying
ole course.

value \$18 & badge	
" \$7 "	
" \$5 "	

I, *Major.*

NAMES.	No. of rounds.	SCORES.			Time.		Points lost for Overtime.	Final total.
		Dir.	Elev.	Hit.	Total.	Min.			Sec.
Driver G. D'Aoust.....	1	.	.	.				
	2	1	.	.				
	3	1	6	.	7			
	4	1	2	.	3			
	5	2	.	.				
	6	2	5	.	7	9	29	1
Bomb. McIntyre, W.....	1	1	2	.	3			
	2	2	6	.	8			
	3	1	4	.	5			
	4	2	4	.	6			
	5	2	4	.	6			
	6	2	.	.		10	47	4
Bomb. Chapman, F.....	1	2	.	.				
	2	2	4	.	6			
	3	2	4	.	6			
	4	2	6	.	8			
	5	2	3	.	5			
	6	1	5	.	6	9	49	2
Sgt. Maj. Stroud, W. A.	1	1	2	.	3			
	2	1	4	.	5			
	3	2	2	.	4			
	4	2	4	.	6			
	5	2	5	.	7			
	6	1	5	.	6	8	05	.
Rdg. Inst. Newnham, T	1	1	2	.	3			
	2	2	2	.	4			
	3	1	6	.	7			
	4	2	4	.	6			
	5	1	5	.	6			
	6	1	2	.	3	11	46	6
Sergt. Gimblett, W.....	1	.	.	.				
	2	1	.	.				
	3	.	.	.				
	4	2	4	.	6			
	5	2	.	.				
	6	2	4	.	6	8	06	.
Driver Dafoe, J.....	1	2	6	.	8			
	2	2	.	.				
	3	1	.	.				
	4	2	.	.				
	5	1	1	.	2			
	6	.	4	.		7	00	.
Sgt. Inst. Ducharme, L.	1	2	2	.	4			
	2	2	2	.	4			
	3	1	.	.				
	4	1	4	.	5			
	5	2	.	.				
	6	2	3	.	5	9	50	2
Battery Total.....								161

RECORD OF PRACTICE, ETC.—Continued.

"B" BATTERY.

NAMES.	No. of rounds.	SCORES.			TIME.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.	Sec.	
Bomb. Costin.....	1	2	6	.	8			
	2	2	2	.	4			
	3	2	6	.	8			
	4	2	2	.	4			
	5	2	.	.	.			
	6	2	.	.	.	8	38	24
Bomb. Lowrie.....	1	2	2	.	4			
	2	2	4	.	6			
	3	1	2	.	3			
	4	1	.	.	.			
	5	2	.	.	.			
	6	2	3	.	5	8	00	18
Driver Small.....	1	2	2	.	4			
	2	1	2	.	3			
	3	1	2	.	3			
	4	2	4	.	6			
	5	2	3	.	5			
	6	2	.	.	.	7	20	21
Driver Fellowes.....	1	2	2	.	4			
	2	2	2	.	4			
	3	2	6	.	8			
	4	1	4	.	5			
	5	2	3	.	5			
	6	2	3	.	5	9	25	30
Driver Lapointe.....	1	1	6	.	7			
	2	2	4	.	6			
	3	2	6	.	8			
	4	.	4	.	.			
	5	1	.	.	.			
	6	2	.	.	.	11	52	15
Staff-Sgt. O'Grady.....	1	2	4	.	6			
	2	2	4	.	6			
	3	1	4	.	5			
	4	1	4	.	5			
	5	2	3	.	5			
	6	2	3	.	5	7	05	32
Driver Lake.....	1	2	4	.	6			
	2	1	2	.	3			
	3	1	4	.	5			
	4	1	4	.	5			
	5	2	3	.	5			
	6	2	5	.	7	10	15	28
Bomb. Staples.....	1	1	2	.	3			
	2	1	.	.	.			
	3	2	2	.	4			
	4	2	6	.	8			
	5	.	.	.	.
	6	.	.	.	.	8	08	15
Total								183

NAMES.

S. Sgt. Armstrong

Sgt. Hinds.....

Sgt. Sallows....

Sgt. McIntosh...

Corpl. Crowe....

Qr. Mr. Sgt. Ogg

Sgt. Gilchrist. ...

Sgt. Lawrence...

RECORD OF PRACTICE, ETC.—Continued.

FIELD BATTERIES.

No. 1 BATTERY, 1ST BRIGADE.

NAMES.	No. of rounds.	SCORES.				TIME.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.	Sec.		
S. Sgt. Armstrong	1	2	2	.	4				
	2	2	4	.	6				
	3	2	6	2	10				Embroidered badge and \$4.00.
	4	1	6	.	7				
	5	2	.	.	.				
	6	2	5	.	7	8	39	.	34
Sgt. Hinds	1	2	2	.	4				
	2	2	.	.	.				
	3	2	6	2	10				
	4	1	.	.	.				
	5	2	.	.	.				
	6	2	3	.	5	10	55	4	15
Sgt. Sallows	1	2	6	.	8				
	2	2	4	.	6				
	3	2	6	2	10				Embroidered badge and \$3.00.
	4	2	6	.	8				
	5	2	3	.	5				
	6	2	.	.	.	10	45	4	33
Sgt. McIntosh	1	2	6	.	8				
	2	1	.	.	.				
	3	2	2	.	4				
	4	1	4	.	5				
	5	1	3	.	4				
	6	2	.	.	.	9	16	1	20
Corpl. Crowe	1	2	6	.	8				
	2	1	6	.	7				
	3	2	6	2	10				Silver Cross Guns, Field Artillery Manual, and \$6.00.
	4	2	6	.	8				
	5	1	.	.	.				
	6	2	5	.	7	8	59		40
Qr. Mr. Sgt. Ogg	1	2	6	2	10				
	2	2	6	.	8				
	3	1	4	.	5				
	4	2	.	.	.				
	5	2	2	.	4				
	6	1	4	.	5	13	25	9	23
Sgt. Gilchrist	1	1	.	.	.				
	2	2	6	.	8				
	3	2	4	.	6				
	4	1	4	.	5				
	5	2	2	.	4				
	6	1	3	.	4	10	10	3	24
Sgt. Lawrence	1	2	4	.	6				
	2	2	6	2	10				
	3	2	2	.	4				
	4	1	2	.	3				Embroidered badge.
	5	2	4	.	6				
	6	.	.	.	.	9	15	1	28
Battery Total									217

RECORD OF PRACTICE, ETC.—Continued.

No. 2 BATTERY, 1ST BRIGADE.

NAMES.	No. of rounds.	SCORES.			TIME.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Min.	Sec.		
Gunner Craig	1	1	.	.	.	.
	2	1	6	.	.	.		
	3	1	4	.	5	.		
	4	1	6	.	7	.		
	5	1	.	.	.	.
	6	.	.	.	10	45	4	15
Corporal Hadwin... ..	1	1	2	.	3	.		
	2	1	2	.	3	.		
	3	.	2	.	.	.		
	4	2	6	2	10	.		
	5	.	3	.	.	.		
	6	.	3	.	13	00	8	8
Corporal Bayne.	1	2	6	.	8	.		
	2	1	2	.	3	.		
	3	1	4	.	5	.		
	4	1	4	.	5	.		
	5	2	.	.	.	.
	6	1	1	.	2	9 10	1	22
Sgt. Newstead.....	1	1	4	.	5	.		
	2	.	2	.	.	.		
	3	2	2	.	4	.		
	4	1	2	.	3	.		
	5	2	1	.	3	.		
	6	2	5	.	7	9 15	1	21
Qr. Mr. Sgt. Thatcher.	1	2	6	2	10	.		
	2	2	.	.	.	.
	3	1	4	.	5	.		
	4	2	6	.	8	.		
	5	2	1	.	3	.		
	6	.	5	.	.	9 45	2	24
Corporal Kennedy.....	1	1	4	.	5	.		
	2	1	.	.	.	.
	3	1	2	.	3	.		
	4	2	4	.	6	.		
	5	1	.	.	.	.
	6	1	5	.	6	8 20	.	20
Sgt. Marsack.....	1	2	6	.	8	.		
	2	1	6	.	7	.		
	3	1	4	.	5	.		
	4	.	.	.	.	.
	5	2	5	.	7	.		
	6	2	.	.	.	8 55	.	27
Sgt. Maj. Simpson	1	1	6	.	7	.		
	2	2	6	2	10	.		
	3	2	4	.	6	.		
	4	1	4	.	5	.		
	5	1	5	.	6	.		
	6	2	2	.	4	8 50	.	38
Battery Total..... 175								

Embroidered badge.

Silver Cross Guns, Field
Artillery Manual, and
\$5.00.

NAMES.

Sgt. Maj. Hood...

Qr.-Mr. Sgt. Smith...

Sgt. Colerick...

Sgt. Lilly.....

Sgt. Taylor....

Corpl. Patton..

Bomb. McGar...

Bomb. Pratt..

RECORD OF PRACTICE, ETC.—Continued.

LONDON BATTERY.

NAMES.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Min.	Sec.		
Sgt. Maj. Hood.....	1	1	2	3				
	2	2	6	2	10			
	3	2	6	2	8			
	4	2	4	6				Embroidered badge.
	5	2	3	5				
	6	1			10	50	4	28
Qr.-Mr. Sgt. Smith.....	1		4					
	2		4					
	3	1	2	3				
	4	2	4	6				
	5	2	5	7				
	6	2	2	4	10	30	3	17
Sgt. Colerick.....	1	2	6	8				
	2	2						
	3	2	4	6				
	4	2	6	2	10			
	5							
	6	1	3	4	9	40	2	26
Sgt. Lilly.....	1	1	2	3				
	2	2	6	8				
	3	1	6	7				
	4	2	6	8				Embroidered badge.
	5	1	4	5				
	6	2			9	55	2	29
Sgt. Taylor.....	1	2	6	8				
	2	2	4	6				
	3	2	2	4				
	4	2	4	6				
	5	2						
	6	2			8	45		24
Corpl. Patton.....	1	2	2	4				
	2	2	6	8				
	3	2	2	4				
	4	1	4	5				
	5	1						
	6	2	3	5	9	00		26
Bomb. McGarry.....	1		4					
	2		6					
	3	1	4	5				
	4	1	4	5				
	5							
	6	2	3	5	9	23	1	14
Bomb. Pratt.....	1	2	6	2	10			
	2	2	4	6				
	3	2	2	4				
	4	2	6	2	10			
	5	2						
	6	1	5	6	7	55		36
Battery Total.....								200

Silver Cross Guns, Field Art. Manual and \$5.

Guns, Field Manual, and

RECORD OF PRACTICE, ETC.—Continued.

WELLAND CANAL BATTERY.

NAMES.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.	Practice carried out at local headquarters.
		Dir.	Elev.	Hit.	Min.	Sec.			
Sgt. Bradt.....	1	1	2	.	3				
	2	1	2	.	3				
	3	.	4	.	.				
	4	2	2	.	4				
	5	2	5	.	7				
	6	2	5	.	7	8 35		24	
Corp. Balfour	1	.	2	.	.				
	2	2	2	.	4				
	3	2	2	.	4				
	4	2	2	.	4				
	5	1	3	.	4				
	6	2	3	.	5	8 45		21	
Sgt. Slingerland	1	1	.	.	.				
	2	1	.	.	.				
	3	1	.	.	.				
	4	2	.	.	.				
	5	1	3	.	4				
	6	1	5	.	6	9 06	1	9	
Sgt. Maj. Birchall	1	2	2	.	4				
	2	1	6	.	7				
	3	1	4	.	5				Silver Cross Guns, Field Art. Manual and \$4.
	4	2	4	.	6				
	5	2	5	.	7				
	6	1	5	.	6	7 36		35	
Sgt. McDonald	1	2	6	2	10				
	2	1	2	.	3				
	3	2	6	.	8				Embroidered badge.
	4	2	.	.	.				
	5	2	4	.	6				
	6	2	2	.	4	10 53	4	27	
Sgt. Harper	1	2	2	.	4				
	2	1	4	.	5				
	3	2	2	.	4				
	4	2	.	.	.				
	5	2	5	.	7				
	6	1	4	.	5	9 29	1	24	
Sgt. McRae.....	1	2	2	.	4				
	2	.	2	.	.				
	3	1	6	.	7				
	4	1	.	.	.				
	5	2	3	.	5				
	6	1	5	.	6	8 34		22	
Qr.-Mr. Sgt. Chelew.....	1	1	.	.	.				
	2	2	6	2	10				
	3	1	4	.	5				
	4	2	.	.	.				Embroidered badge.
	5	2	4	.	6				
	6	1	5	.	6	8 33		27	
Battery Total.....									189

NAME

Gunner White..

Gunner Boodich

Gunner Atkins

Bomb. Cox....

Sgt. Maj. Who

Sgt. Fearnside

Sgt. Ins. Kerl

Far. Sgt. Hon

RECORD OF PRACTICE, ETC.—*Continued.*

HAMILTON BATTERY.

NAMES.	No. of Rounds	SCORE.				Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.	Sec.		
Gunner White.....	1	2	.	.	.				
	2	2	.	.	.				
	3	1	2	.	3				
	4	1	2	.	3				
	5	2	.	.	.				
	6	1	.	.	.	8	14		6
Gunner Boodich.....	1	2	6	.	8				
	2	2	6	2	10				
	3	1	6	.	7				
	4	2	4	.	6				
	5	2	3	.	5				
	6	1	4	.	5	8	10		41
Gunner Atkinson.....	1	2	2	.	4				
	2	2	6	2	10				
	3	2	6	.	8				
	4	2	6	2	10				
	5	2	3	.	5				
	6	2	4	.	6	10	06	3	40
Bomb. Cox.....	1	.	4	.	.				
	2	1	4	.	5				
	3	1	4	.	5				
	4	2	6	2	10				
	5	2	3	.	5				
	6	2	.	.	.	8	58		25
Sgt. Maj. Wholton.....	1	2	6	.	8				
	2	1	6	.	7				
	3	2	6	.	8				
	4	1	6	.	7				
	5	1	2	.	3				
	6	2	4	.	6	9	32	2	37
Sgt. Fearnside.....	1	2	4	.	6				
	2	2	.	.	.				
	3	2	.	.	.				
	4	2	6	.	8				
	5	2	5	.	7				
	6	2	5	.	7	8	23		28
Sgt. Ins. Kerley.....	1	1	4	.	5				
	2	1	6	.	7				
	3	1	2	.	3				
	4	1	.	.	.				
	5	.	.	.	.
	6	1	5	.	6	8	14		21
Far. Sgt. Homer.....	1	2	2	.	4				
	2	1	6	.	7				
	3	2	2	.	4				
	4	1	.	.	.				
	5	2	3	.	5				
	6	2	.	.	.	8	09		20
Battery Total.....									218

Silver Cross Guns, Field Art. Manual and \$6.

Embd. badge and \$6.

Embd. badge and \$5.

Embroidered badge.

RECORD OF PRACTICE, ETC.—Continued.

TORONTO BATTERY.

NAMES.	No. of Rounds	SCORE.				Time.		Points lost for Overtime.	Final Total
		Dir.	Elev.	Hit.	Total.	Min.	Sec.		
Gunner Taylor	1	1	.	.	.				
	2	1	.	.	.				
	3	2	4	.	6				
	4	2	.	.	.				
	5	2	2	.	4				
	6	2	5	.	7	8	55		17
Sgt. Thompson	1	.	.	.	.
	2	1	.	.	.				
	3	.	2	.	.				
	4	2	2	.	4				
	5	2	.	.	.				
	6	2	5	.	7	13	08	9	2
Bomb. Bryan.....	1	1	2	.	3				
	2	2	2	.	4				
	3	1	4	.	5				
	4	.	6	.	.				
	5	1	2	.	3				
	6	1	3	.	4	11	00	4	15
Qr.-Mr. Sgt. Spry...	1	2	2	.	4				
	2	.	2	.	.				
	3	1	2	.	3				
	4	1	6	.	7				
	5	.	.	.	.
	6	2	4	.	6	9	48	2	18
Corpl. White	1	2	2	.	4				
	2	2	.	.	.				
	3	2	6	.	8				
	4	2	2	.	4				
	5	2	.	.	.				
	6	2	3	.	5	8	29		21
Corpl. Eaton	1	2	6	2	10				
	2	1	6	.	7				
	3	2	.	.	.				
	4	2	6	2	10				
	5	1	5	.	6				
	6	2	.	.	.	8	54		33
S.-Sgt. Warrington...	1	1	6	.	7				
	2	2	6	2	10				
	3	2	6	.	8				
	4	2	2	.	4				
	5	2	4	.	6				
	6	2	1	.	3	9	50	2	36
Sgt. Maj. Woodman	1	.	6	.	.				
	2	2	6	.	8				
	3	2	4	.	6				
	4	2	6	2	10				
	5	.	3	.	.				
	6	2	3	.	5	7	43		29
Battery Total.....									171

Corpl. Kenneally

Sgt. Payne.....

Sgt. Thompson .

Corpl. Hay.....

Sgt. Maj. McMal

Sgt. Hutcheson.

Gunner Lowry .

Sgt. Henderson.

Embd. badge and \$3.

Silver Cross Guns, Field
Art. Manual and \$4.

Embroidered badge.

RECORD OF PRACTICE, ETC.—*Continued.*

DURHAM BATTERY.

NAMES.	No. of Rounds	SCORE.				Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.	Sec.		
Corpl. Kenneally	1	2	.	.	.				
	2	2	.	.	.				
	3	.	.	.	.
	4	2	6	.	8				
	5	.	4	.	.				
	6	2	2	.	4	8	45		12
Sgt. Payne	1	2	.	.	.				
	2	2	.	.	.				
	3	2	2	.	4				
	4	.	.	.	.
	5	.	.	.	.
	6	2	2	.	4	8	47		8
Sgt. Thompson	1	2	6	.	8				
	2	2	.	.	.				
	3	2	.	.	.				
	4	2	6	.	8				
	5	.	.	.	.
	6	2	.	.	.	7	45		16
Corpl. Hay	1	2	2	.	4				
	2	1	4	.	5				
	3	1	2	.	3				
	4	1	2	.	3				
	5	2	.	.	.				
	6	2	.	.	.	4	55		15
Sgt. Maj. McMahon	1	2	4	.	6				
	2	2	6	.	8				
	3	2	6	2	10				
	4	1	6	.	7				
	5	1	2	.	3				
	6	.	4	.	.	6	12		34
Sgt. Hutcheson	1	2	6	.	8				
	2	1	2	.	3				
	3	1	4	.	5				
	4	2	4	.	6				
	5	2	2	.	4				
	6	1	3	.	4	6	03		30
Gunner Lowry	1	2	2	.	4				
	2	2	.	.	.				
	3	2	6	2	10				
	4	1	4	.	5				
	5	1	.	.	.				
	6	2	2	.	4	6	08		23
Sgt. Henderson	1	1	6	.	7				
	2	2	2	.	4				
	3	2	4	.	6				
	4	1	6	.	7				
	5	1	.	.	.				
	6	2	1	.	3	6	00		27
Battery Total									165

Silver Cross Guns, Field Art. Manual and \$3.

Embroidered badge.

Embroidered badge.

e and \$3.

Guns, Field al and \$4.

l badge.

RECORD OF PRACTICE, ETC.—Continued.

KINGSTON BATTERY.

NAMES.	No. of Rounds	SCORE.				Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.	Sec.		
Bomb. Beavens.....	1	1	.	.	.				
	2	2	.	.	.				
	3	.	.	.	.
	4	1	.	.	.				
	5	2	5	.	7				
	6	2	.	.	.	12	20	7	
Gunner Burnett.....	1	2	4	.	6				
	2	2	6	2	10				
	3	1	6	.	7				
	4	2	.	.	.				
	5	1	.	.	.				
	6	2	2	4	7	58			27
Gunner Fowler.....	1	1	4	.	5				
	2	2	2	.	4				
	3	2	2	.	4				
	4	1	4	.	5				
	5	2	.	.	.				
	6	2	5	.	7	9	00		25
Sgt. Maj. Wilmot.....	1	2	6	.	8				
	2	2	4	.	6				
	3	2	6	2	10				
	4	2	6	.	8				
	5	2	3	.	5				
	6	2	5	.	7	6	40		44
Gunner Campbell.....	1	1	2	.	3				
	2	1	4	.	5				
	3	1	6	.	7				
	4	1	2	.	3				
	5	2	5	.	7				
	6	2	4	.	6	8	13		31
Gunner Smith.....	1	1	4	.	5				
	2	1	4	.	5				
	3	1	4	.	5				
	4	2	2	.	4				
	5	1	2	.	3				
	6	2	.	.	.	8	17		22
Gunner Morrison.....	1	1	4	.	5				
	2	2	.	.	.				
	3	2	6	.	8				
	4	1	4	.	5				
	5	2	3	.	5				
	6	2	.	.	.	7	50		23
Sgt. Crimmins.....	1	2	6	.	8				
	2	1	4	.	5				
	3	2	2	.	4				
	4	1	6	.	7				
	5	2	.	.	.				
	6	1	3	4	9	27	1	27	
Battery Total.....									199

Sgt. Trickey.....

Sgt. Maj. Lloyd ..

Sgt. McNinch....

Qr.-Mr. Sgt. Karr

Corpl. Trickey...

Corpl. Johnston ..

Sgt. Baker.....

Corpl. Lloyd

Embroidered badge.

Silver Cross Guns, Field
Art. Manual and \$8.

Embroidered badge.

Embroidered badge.

[illegible]

RECORD OF PRACTICE, ETC.—Continued.

OTTAWA BATTERY.

NAMES.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Min.	Sec.		
Sgt. Harvey.....	1	.	4	.	.	.	.	.
	2	1	4	.	5	.	.	.
	3	1	4	.	5	.	.	.
	4	2	6	2	10	.	.	.
	5	2	.	.	.	.	.	.
	6	2	.	.	7	30	.	20
S.-Sgt. Thompson.....	1	1	4	.	5	.	.	.
	2	2	4	.	6	.	.	.
	3	1	4	.	5	.	.	Embroidered badge.
	4	2	6	2	10	.	.	.
	5	2	2	.	4	.	.	.
	6	2	.	.	7	47	.	30
Corpl. Bonnell ...	1	1	6	.	7	.	.	.
	2	2	6	.	8	.	.	.
	3	1	6	.	7	.	.	Embd. badge and \$3.
	4	2	4	.	6	.	.	.
	5	2	.	.	.	.	.	.
	6	2	4	.	6	8 25	.	34
Gunner Robinson....	1	2	2	.	4	.	.	.
	2	1	4	.	5	.	.	.
	3	1	4	.	5	.	.	.
	4	2	4	.	6	.	.	.
	5	1	5	.	6	.	.	.
	6	1	.	.	8	15	.	26
Sgt. Hood.....	1	2	6	2	10	.	.	.
	2	2	6	2	10	.	.	.
	3	2	6	.	8	.	.	Silver Cross Guns, Field Art. Manual and \$4.
	4	2	.	.	.	.	.	.
	5	2	.	.	.	.	.	.
	6	1	5	.	6	9 00	.	34
Sgt. Shattuck ...	1	1	2	.	3	.	.	.
	2	2	.	.	.	.	.	.
	3	2	6	2	10	.	.	Embroidered badge.
	4	2	6	.	8	.	.	.
	5	2	1	.	3	.	.	.
	6	2	5	.	7	9 30	1	30
S.-Sgt. Mix.....	1	1	2	.	3	.	.	.
	2	1	.	.	.	.	.	.
	3	2	2	.	4	.	.	.
	4	2	4	.	6	.	.	.
	5	1	2	.	3	.	.	.
	6	1	.	.	6	35	.	16
Sgt.-Maj. Ingram....	1	2	6	.	8	.	.	.
	2	2	4	.	6	.	.	.
	3	2	.	.	.	.	.	Embroidered badge.
	4	1	6	.	7	.	.	.
	5	2	3	1	6	.	.	.
	6	2	.	.	8	00	.	27
Battery Total.....								217

NAMES.

Corporal Turner...

Sgt. Thomas Walk...

Gunner John A. H...

Sgt. R. J. Kendal...

Qr.-Mr. Sgt. J. Mc...

Bomb. W. J. Port...

Gunner James N...

Bomb. B. T. Hold...

RECORD OF PRACTICE, ETC. -Continued.

MONTREAL BATTREY.

[illegible]

RECORD OF PRACTICE, ETC.—Continued.

SHEFFORD BATTERY.

NAMES.	No. of Rounds	SCORE.				Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.	Sec.		
Sgt. Booth	1	1	.	.	.				
	2	1	4	.	5				
	3	1	4	.	5				
	4	2	6	2	10				
	5	1	5	.	6				
	6	2	5	.	7	8	55		33
Sgt. Gaw.	1	1	4	.	5				
	2	2	4	.	6				
	3	2	.	.	.				
	4	2	.	.	.				
	5	1	3	.	4				
	6	1	3	.	4	9	27	1	18
Sgt. Reid.	1	1	6	.	7				
	2	2	6	.	8				
	3	1	2	.	3				
	4	1	.	.	.				
	5	1	2	.	.				
	6	2	.	.	.	7	10		18
Corp. Dudley.	1	2	6	2	10				
	2	2	4	.	6				
	3	1	4	.	5				
	4	1	4	.	5				
	5	1	.	.	.				
	6	2	5	.	7	7	55		33
Sgt. Seale	1	2	4	.	6				
	2	2	2	.	4				
	3	2	.	.	.				
	4	2	.	.	.				
	5	2	5	.	7				
	6	2	.	.	.	9	00		17
Corpl. Neeley.	1	2	6	.	8				
	2	1	.	.	.				
	3	1	2	.	3				
	4	2	4	.	6				
	5	2	5	.	7				
	6	2	.	.	.	6	50		24
Sgt. Maj. McKerley.	1	2	.	.	.				
	2	1	2	.	3				
	3	2	2	.	4				
	4	2	4	.	6				
	5	2	.	.	.				
	6	2	3	.	5	8	18		18
Corpl. Purdy.	1	1	2	.	3				
	2	1	4	.	5				
	3	2	4	.	6				
	4	2	4	.	6				
	5	2	.	.	.				
	6	2	.	.	.	9	23	1	19
Battery Total									180

Embd. badge and \$2.

Silver Cross Guns, Field Art. Manual and \$2.

NAMES.

Gunner Woodburn

Corporal Dixon....

Sgt. Hawk

Gunner McNaughto

Gunner Tonks.....

Sgt. Stalker

Gunner Flemming

Qr.-Mr. Sgt. Davis.

RECORD OF PRACTICE, ETC.—Continued.

RICHMOND BATTERY.

NAMES.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Min.	Sec.		
Gunner Woodburn	1	.	4	.	.	.	.	.
	2	2	6	2	10	.	.	.
	3	.	.	.	.	.	.	.
	4	1	6	.	7	.	.	.
	5	1	5	.	6	.	.	.
	6	1	5	.	6	11 10	5	24
Corporal Dixon.....	1	1	4	.	5	.	.	.
	2	2	2	.	4	.	.	.
	3	.	2	.	.	.	.	.
	4	1	4	.	5	.	.	.
	5	2	4	.	6	.	.	.
	6	2	5	.	7	8 55	.	27
Sgt. Hawk	1	2	4	.	6	.	.	.
	2	1	2	.	3	.	.	.
	3	1	.	.	.	.	.	.
	4	2	6	.	8	.	.	.
	5	1	5	.	6	.	.	.
	6	2	.	.	.	9 50	2	21
Gunner McNaughton	1	2	4	.	6	.	.	.
	2	.	6	.	.	.	.	.
	3	2	6	2	10	.	.	.
	4	1	.	.	.	.	.	.
	5	1	.	.	.	.	.	.
	6	2	5	.	7	9 00	.	23
Gunner Tonks.....	1	1	2	.	3	.	.	.
	2	1	2	.	3	.	.	.
	3	2	.	.	.	.	.	.
	4	2	.	.	.	.	.	.
	5	2	5	.	7	.	.	.
	6	.	3	.	.	8 35	.	13
Sgt. Stalker	1	2	.	.	.	.	.	.
	2	1	2	.	3	.	.	.
	3	2	.	.	.	.	.	.
	4	2	.	.	.	.	.	.
	5	2	.	.	.	.	.	.
	6	.	5	.	.	10 25	3	.
Gunner Flemming	1	1	.	.	.	.	.	.
	2	.	.	.	.	.	.	.
	3	2	2	.	4	.	.	.
	4	1	.	.	.	.	.	.
	5	2	5	.	7	.	.	.
	6	2	.	.	.	9 45	2	9
Qr.-Mr. Sgt. Davis.....	1	.	.	.	.	.	.	.
	2	2	6	2	10	.	.	.
	3	.	6	.	.	.	.	.
	4	1	2	.	3	.	.	.
	5	1	.	.	.	.	.	.
	6	1	4	.	5	9 25	1	17
Battery Total.....		134						

Silver Cross Guns.

edge and \$2.

s Guns, Field
ual and \$2.

RECORD OF PRACTICE, ETC.—Continued,

QUEBEC BATTERY.

NAMES.	No. of Rounds	SCORE.				Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.	Sec.		
Bomb. Berube.....	1	1	4	.	5				
	2	.	4	.	.				
	3	1	4	.	5				
	4	2	6	.	8				
	5	2	2	.	4				
	6	2	5	.	7	10	15	3	26
Sgt. Letarte.....	1	1	2	.	3				
	2	2	2	.	4				
	3	1	2	.	3				
	4	2	6	.	10				
	5	2	3	.	5				
	6	1	2	.	3	10	22	3	25
Sgt. Moisan.....	1	1	4	.	5				
	2	2	4	.	6				
	3	2	6	.	8				
	4	2	4	.	6				Embroidered badge.
	5	2	.	.	.				
	6	2	5	.	7	10	14	3	29
Sgt. Cloutier.....	1	2	6	.	10				
	2	1	2	.	3				
	3	2	6	.	10				Silver Cross Guns, Field Art. Manual and \$10.
	4	2	6	.	10				
	5	2	5	.	7				
	6	2	5	.	7	8	54	.	47
Corpl. Pagé.....	1	2	4	.	6				
	2	2	4	.	6				
	3	2	6	.	10				Embd. badge and \$8.
	4	2	6	.	8				
	5	1	3	.	4				
	6	2	5	.	7	8	54	.	41
Sgt. Maj. Bertrand.....	1	2	6	.	8				
	2	1	2	.	3				
	3	2	6	.	8				
	4	1	4	.	5				
	5	2	.	.	.				
	6	2	.	.	.	9	00	.	24
Bomb. Genest.....	1	2	6	.	10				
	2	2	.	.	.				
	3	2	.	.	.				
	4	.	.	.	.
	5	.	2	.	.				
	6	1	.	.	.	8	25	.	10
Qr.-Mr. Sgt. Hamel.....	1	1	2	.	3				
	2	1	.	.	.				
	3	1	4	.	5				
	4	2	2	.	4				
	5	2	.	.	.				
	6	2	5	.	7	9	25	1	18
Battery Total.....									220

NAMES.

Sgt. Russell

Qr.-Mr. Sgt. Maltby

Sgt. Ashford

Corpl. Kethro

Bomb. Matheson

Corpl. O'Shaughnessy

Sgt. Maj. Touchie

Corpl. Petrie

[illegible]

RECORD OF PRACTICE, ETC.—Continued.

WINNIPEG BATTERY.

NAMES.	No. of rounds	SCORES.				TIME.		Points lost for Overtime.	Final Total.	
		1st.	2nd.	3rd.	Total.	Mins.	Secs.			
Sgt. Maj. Quealy	3	3	-	-	-	-	-	-	-	
	2	3	-	-	-	-	-	-	-	
	3	3	-	-	-	-	-	-	-	
	4	3	-	-	-	-	-	-	-	
	5	2	-	-	-	-	-	-	-	
	6	2	-	-	-	7	19	-	34	
Corpl. Stack	3	3	-	-	-	-	-	-	-	
	2	3	-	-	-	-	-	-	-	
	3	3	-	-	-	-	-	-	-	
	4	3	-	-	-	-	-	-	-	
	5	3	-	-	-	-	-	-	-	
	6	3	-	-	-	9	25	3	43	
S.-Sgt. Watson	3	3	-	-	-	-	-	-	-	
	2	3	-	-	-	-	-	-	-	
	3	3	-	-	-	-	-	-	-	
	4	3	-	-	-	-	-	-	-	
	5	3	-	-	-	-	-	-	-	
	6	3	-	-	-	9	23	1	34	
Corpl. Bourke	3	3	-	-	-	-	-	-	-	
	2	3	-	-	-	-	-	-	-	
	3	3	-	-	-	-	-	-	-	
	4	3	-	-	-	-	-	-	-	
	5	3	-	-	-	-	-	-	-	
	6	3	-	-	-	6	10	20	3	34
Sgt. Brady	3	3	-	-	-	-	-	-	-	
	2	3	-	-	-	-	-	-	-	
	3	3	-	-	-	-	-	-	-	
	4	3	-	-	-	-	-	-	-	
	5	3	-	-	-	-	-	-	-	
	6	3	-	-	-	5	11	21	5	33
Gunner Good	3	3	-	-	-	-	-	-	-	
	2	3	-	-	-	-	-	-	-	
	3	3	-	-	-	-	-	-	-	
	4	3	-	-	-	-	-	-	-	
	5	3	-	-	-	-	-	-	-	
	6	3	-	-	-	8	10	-	19	
Sgt. Grierson	3	3	-	-	-	-	-	-	-	
	2	3	-	-	-	-	-	-	-	
	3	3	-	-	-	-	-	-	-	
	4	3	-	-	-	-	-	-	-	
	5	3	-	-	-	-	-	-	-	
	6	3	-	-	-	7	52	-	28	
Gunner Walker	3	3	-	-	-	-	-	-	-	
	2	3	-	-	-	-	-	-	-	
	3	3	-	-	-	-	-	-	-	
	4	3	-	-	-	-	-	-	-	
	5	3	-	-	-	-	-	-	-	
	6	3	-	-	-	6	11	15	5	6
Battery Total.....									145	

Silver Cross Guns, Field Art. Manual and #2.

Embroidered badge.

OFF

RANK AND OF COMPANY

Lieut. Doyle
Richmond.

Lieut. McCrae...
1st Brigade.

Capt. Murchison...
1st Brigade.

Lieut. Merewent...
1st Brigade.

Capt. Bliss....
Ottawa.

Lt.-Col. Macdonald...
1st Brigade.

Major McLean...
Durham.

Lieut. Knowles...
1st Brigade.

Lieut. Kent....
Kingston.

Lieut. McKennie...
Gananoque.

Major Lindsay...
Quebec.

Lieut. Ross...
1st Brigade.

Lt.-Col. Hon. H...
Richmond.

Major Coutlee...
Winnipeg.

Lt.-Col. Amyra...
Sheffield.

Lt.-Col. Peters...
London.

RECORD OF PRACTICE ETC. -Continued.

OFFICERS' COMPETITIONS - FIELD ARTILLERY

4 ROUNDS OF COMMON SHELL.

NAME AND NAMES OF COMPETITORS.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dr.	Chv.	Total.	Min.	Sec.		
Lieut. Doyle	1	2	6	2 10				
Richmond.	2	2	6	2 10				
	3	2	6	8	4	27		26
Lieut. McCrae	1	2	6	2 10				
1st Brigade.	2	2	6	8				
	3	2	6	8	3	39		26
Capt. Murchison	1	2	4	6				
1st Brigade.	2	2	6	2 10				
	3	2	6	2 10	3	56		26
Lieut. Merewether	1	2	6	2 10				
1st Brigade.	2	2	6	8				
	3	1	6	7	4	35		25
Capt. Bliss	1	2	6	2 10				
Ottawa.	2	2	6	8				
	3	2	4	6	2	20		24
Lt.-Col Macdonald	1	1	2	4				
1st Brigade.	2	2	6	2 10				
	3	1	6	7	2	58		23
Major McLean	1	1	2	4				
Durham.	2	2	6	8				
	3	2	6	8	2	37		22
Lieut. Knowles	1	1	2	4				
1st Brigade.	2	2	6	2 10				
	3	2	6	8				
Lieut. Kent	1	1	2	4				
Kingston.	2	1	6	7				
	3	2	6	8	2	54		21
Lieut. McKenzie	1	1	2	4				
Gananoque.	2	2	6	8				
	3	1	6	7	3	35		21
Major Lindsay	1	1	2	4				
Quebec.	2	2	6	8				
	3	2	6	8	3	58		21
Lieut. Ross	1	2	6	8				
1st Brigade	2	2	6	8				
	3	2	6	8	2	56		20
Lt.-Col. Hon. H. Aylmer	1	2	4	6				
Richmond.	2	2	6	2 10				
	3	2	2	4	4	00		20
Major Coutlee	1	2	4	6				
Winnipeg.	2	1	4	5				
	3	2	6	8	3	15		19
Lt.-Col. Amyrauld	1	1	6	7				
Shefford.	2	2	4	6				
	3	2	4	6	3	20		19
Lt.-Col. Peters	1	1	6	7				
London.	2	1	2	3				
	3	2	6	8	3	20		18

RECORD OF PRACTICE, ETC.—Continued.

RANK AND NAMES OF COMPETITORS.	No. of Rounds	SCORE.				Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.	Sec.		
Major King	1	1	4	.	5				
Welland Canal.	2	2	4	.	6				
Lt.-Col. McKenzie... ..	3	1	6	.	7	3	30		18
Gananoque.	1	2	2	.	4				
	2	2	6	.	8				
Capt. Garneau	3	1	4	.	5	2	55		17
Quebec.	1	1	2	.	3				
	2	1	6	.	7				
Major Hood	3	1	6	.	7	4	10		17
1st Brigade.	1	1	6	.	7				
	2	1	2	.	3				
Major Van Wagner.....	3	1	6	.	7	4	30		17
Hamilton.	1	2	2	.	4				
	2	1	6	.	7				
Major Nicoll.....	3	2	6	.	8	5	15	2	17
1st Brigade.	1	2	4	.	6				
	2	1	4	.	5				
Lieut. Maltby	3	1	4	.	5	3	05		16
Newcastle.	1	2	2	.	4				
	2	2	4	.	6				
Capt. Higginbotham.....	3	1	4	.	5	3	57		15
1st Brigade.	1	2	4	.	6				
	2	1	4	.	5				
Capt. Kay.....	3	1	6	.	7	5	51	3	15
Shefford.	1	2	2	.	4				
	2	1	2	.	3				
Lieut. Hurdman.....	3	2	4	.	6	3	30		13
Ottawa.	1	1	6	.	7				
	2	2	4	.	6				
Lieut. Robinson	3	2	.	.	.	3	45		13
Gananoque.	1	2	4	.	6				
	2	1	6	.	7				
Capt. Williams.....	3	.	6	.	.	4	00		13
London.	1	2	6	.	8				
	2	1	4	.	5				
Capt. Milligan.....	3	2	.	.	.	4	50	1	12
Durham.	1	1	.	.	.				
	2	1	4	.	5				
Capt. Gillies... ..	3	2	4	.	6	2	17		11
Gananoque.	1	2	2	.	4				
	2	1	6	.	7				
Lieut. Hooper... ..	3	1	.	.	.	3	35		11
Montreal.	1	2	4	.	6				
	2	1	4	.	5				
Lieut. Thompson	3	.	6	.	.	4	10		11
Winnipeg.	1	2	.	.	.				
	2	2	2	.	4				
Lieut. Eccleston.....	3	1	6	.	7	4	30		11
Welland Canal.	1	2	6	.	2	10			
	2	.	6	.	.				
Major Mead	3	1	.	.	.	2	40		10
Toronto.	1	1	2	.	3				
	5	2	2	.	4				
	3	1	2	.	3	3	45		10

RANK AND
OF COMP.

Capt. Lawlor...
Newcastle.

Lieut. Irving...
Toronto.

Capt. Beatty...
Toronto.

Lieut. Hogan...
Montreal.

Lieut. Seale...
Shefford.

Lt.-Col. Call...
Newcastle.

Capt. Hall...
Montreal.

Capt. Hendrie...
Hamilton.

Lieut. Bankier...
Hamilton.

Lt.-Col. Stevens...
Montreal.

Capt. Doidge...
Winnipeg.

Major Drennan...
Kingston.

Capt. Wiley...
Welland Ca.

Lieut. Davidson

RECORD OF PRACTICE, ETC.—Continued.

RANK AND NAMES OF COMPETITORS.	No. of Rounds	SCORE.				Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.	Sec.		
Capt. Lawlor.....	1	1	2	.	3				
Newcastle.	2	.	2	.	.				
	3	1	6	.	7	4	04	.	10
Lieut. Irving.....	1	2	2	.	4				
Toronto.	2	1	2	.	3				
	3	1	2	.	3	4	30	.	10
Capt. Beaty.....	1	1	2	.	3				
Toronto.	2	2	.	.	.				
	3	2	6	.	8	5	00	1	10
Lieut. Hogan.....	1	2	2	.	4				
Montreal.	2	2	2	.	4				
	3	2	.	.	.	3	30	.	8
Lieut. Seale.....	1	1	4	.	5				
Shefford.	2	2	.	.	.				
	3	1	2	.	3	4	15	.	8
Lt.-Col. Call.....	1	1	.	.	.				
Newcastle.	2	1	2	.	3				
	3	2	2	.	4	4	32	1	6
Capt. Hall.....	1	2	2	.	4				
Montreal.	2	2	.	.	.				
	3	1	2	.	3	4	51	1	6
Capt. Hendrie.....	1	1	4	.	5				
Hamilton.	2	2	.	.	.				
	3	2	.	.	.	4	27	.	5
Lieut. Bankier.....	1	1	6	.	7				
Hamilton.	2	1	.	.	.				
	3	2	.	.	.	5	10	2	5
Lt.-Col. Stevenson.....	1	2	.	.	.				
Montreal.	2	2	2	.	4				
	3	2	.	.	.	4	11	.	4
Capt. Doidge.....	1	1	.	.	.				
Winnipeg.	2	2	.	.	.				
	3	1	2	.	3	3	04	.	3
Major Drennan.....	1	.	2	.	.				
Kingston.	2	2	2	.	4				
	3	2	.	.	.	5	00	1	3
Capt. Wiley.....	1	1	.	.	.				
Welland Canal	2	2	.	.	.				
	3	.	2	.	.	3	47	.	.
Lieut. Davidson.....	1	1	.	.	.				
	2	.	.	.	.
	3	1	.	.	.	4	28	.	.

ISLAND OF ORLEANS—64-pr. R.M.L. Guns.

NO. 1 BATTERY, NEW BRUNSWICK BRIGADE.

Gunner Betts.....	1	2	6	8				
	2	2	2	4				
	3	1	2	3				
	4	2	6	8				
	5	2	.	.	14	53	5	18
Gunner Proctor.....	1	1	6	7				
	2	2	6	8				
	3	.	.	.				
	4	2	.	.				
	5	2	.	.	16	10	8	7
Gunner Fisher.....	1	2	2	4				
	2	1	4	5				
	3	1	.	.				
	4	.	.	.				
	5	2	.	.	13	40	3	6
Gunner Smith.....	1	2	4	6				
	2	1	2	3				
	3	1	4	5				
	4	1	4	5				
	5	2	2	4	14	30	4	19
Battery Total.....								50

RECORD OF PRACTICE, ETC.—Continued.

NAMES.	No. of rounds.	SCORES.			TIME.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.			Sec.
No. 3 BATTERY, N. B. BRIGADE.								
Gunner Creighton	1	2	4	.	6			
	2	1	4	.	5			
	3	2	4	.	6			
	4	2	.	.	.			
	5	2	2	.	4	15	02	6	15 Short.
Gunner Elliott	1	.	2	.	.			
	2	2	6	.	8			
	3	.	6	.	.			
	4	.	.	.	.
	5	2	2	.	4	13	02	2	10 Blind.
Gunner Spencer	1	.	4	.	.			
	2	1	6	.	7			
	3	1	4	.	5			
	4	2	2	.	4			
	5	2	2	.	4	11	52	.	20
Gunner Ferries	1	1	6	.	7			
	2	1	6	.	7			
	3	1	6	.	7			
	4	2	4	.	6			
	5	2	.	.	12	32		1	26
Battery Total								71
								Silver Cross Guns.

NO. 4 BATTERY.

[illegible]

RECORD OF PRACTICE, ETC.—Continued.

NAMES.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.			Sec.

NO. 1 BATTERY, P. E. ISLAND BRIGADE.

Sgt. Offer	1	2	6	8				
	2	2	6	2	10			
	3	1	6	7				Silver Cross Guns.
	4	2	2	4				
	5	1	2	3	9	00		32 Blind,
Corp. McDonald	1	1	4	5				
	2	2	6	2	10			
	3	2	4	6				
	4	2	6	2	10			Embroidered badge.
	5	2	2	13	27		2	29 Short.
Gunner Proud	1	2	4	6				
	2	1	6	7				
	3	2	4	6				
	4	2	4	6				
	5	2	2	10	12			25 Short.
Sgt. Connolly	1	2	2	4				
	2	2	6	8				
	3	1	2	3				
	4	2	6	8				
	5	2	2	12	10			23 Short.
Battery Total. 109								

NO. 2 BATTERY.

Gunner Alley.....	1	2	6	. 8		
	2	2	2	. 4		
	3	2	2	. 4		
	4	2	4	. 6		
	5	2	1	. 3	11 22	
Gunner Lane	1	2	6	2 10		25 Blind.
	2	2	2	. 4		
	3	1	4	. 5		
	4	2	6	. 8		
	5	2	.	.	9 38	
Gunner Ramsay	1	2	2	. 4		27
	2	2	2	. 4		
	3	1	6	. 7		
	4	1	2	. 3		
	5	2	.	.	11 40	
Sgt. Dover	1	2	6	. 8		18
	2	2	4	. 6		
	3	1	4	. 5		
	4	2	2	. 4		
	5	2	4	. 6	10 00	
						29
Battery Total.....						99

NO. 1 BATTERY, MONTREAL BRIGADE.

[illegible]

RECORD OF PRACTICE, Etc.—Continued.

NAMES.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.			Sec.

NO. 2 BATTERY, MONTREAL BRIGADE.

Corp. Beatty	1	2	4	.	6			
	2	2	6	.	8			Silver Cross Guns.
	3	1	4	.	5			
	4	1	4	.	5			
	5	2	.	.	.	12	30	24
Bomb. Sage.....	1	.	4	.	.			Out Left.
	2	.	4	.	.			do.
	3	1	2	.	3			
	4	1	2	.	3			
	5	2	.	.	.	15	05	4 2
Corp. Poole.....	1	2	.	.	.			Short.
	2	1	4	.	5			
	3	2	2	.	4			
	4	1	2	.	3			
	5	2	3	.	5	15	50	7 10
Gunner Beck.....	1	2	.	.	.			Short.
	2	1	2	.	3			
	3	1	2	.	3			
	4	1	4	.	5			
	5	2	.	.	.	15	08	6 5
Battery Total....								39

No 3 BATTERY.

Sgt. P. McDonald.....	1	1	4	.	5			
	2	2	6	2	10			
	3	1	6	.	7			
	4	2	4	.	6			
	5	2	3	.	5	11	20	33
Gunner G. J. Humphreys....	1	1	4	.	5			
	2	2	4	.	6			
	3	1	4	.	5			
	4	2	4	.	6			
	5	2	1	.	3	10	52	25
Gunner W. Wright.....	1	1	6	.	7			Blind.
	2	.	4	.	.			Out Right.
	3	2	.	.	.			Short.
	4	.	2	.	.			Out Right.
	5	2	.	.	.	10	38	7
Corp. A. Elvidge	1	2	6	2	10			
	2	2	4	.	6			
	3	1	4	.	5			
	4	2	6	.	8			
	5	2	.	.	.	12	.	29
Battery Total.....								94

Gunner Clarke .

Gunner Dowker.

Gunner Pendleton

Gunner Sykes..

Sergt. Rogerson.

Gunner Howell..

Sergt. Norris...

Gunner Norris .

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4

RECORD OF PRACTICE, ETC.—Continued.

NAMES.	No. of Rounds	SCORE.				Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.	Sec.		
NO. 6 BATTERY, MONTREAL BRIGADE.									
Bomb. Allison.....	1	1	6	.	7				
	2	1	.	.	.				Out, under.
	3	1	6	.	7				Embroidered badge.
	4	2	6	2	10				
	5	2	.	.	.	7	07		24 Short, blind.
Gunner Hutcheson	1	2	6	.	8				
	2	2	4	.	6				
	3	2	4	.	6				Silver Cross Guns,
	4	2	6	.	8				
	5	2	2	.	4	7	56		32
Sgt. Fyfe.....	1	2	2	.	4				
	2	2	6	2	10				
	3	2	6	.	8				Embroidered badge.
	4	2	4	.	6				
	5	2	1	.	3	11	45		31 Blind.
Gunner Heaver.....	1	.	2	.	.				
	2	.	6	.	.				Ruled out.
	3	1	2	.	3				
	4	.	4	.	.				
	5	.	5	.	.	.	.	.	3
Battery Total.....									90

NO. 2 BATTERY, HALIFAX BRIGADE.									
Corpl. Byers	1	2	4	.	6				
	2	2	4	.	6				
	3	1	4	.	5				
	4	2	4	.	6				
	5	2	.	.	.	13	00	1	22
Sgt. Carroll	1	1	6	.	7				
	2	2	2	.	4				
	3	2	4	.	6				
	4	2	6	.	8				
	5	2	3	.	5	12	00		30 Blind.
Sgt. Mackay.....	1	1	6	.	7				
	2	1	2	.	3				
	3	2	4	.	6				
	4	2	6	2	10				
	5	2	5	.	7	10	00		33
Corpl. Letson	1	2	6	.	8				
	2	2	4	.	6				
	3	1	2	.	3				
	4	2	6	2	10				
	5	2	5	.	7	8	00		34
Battery Total.....									119

NAME

Corpl. Spencer .

Sgt. Maj. Case .

Corpl. Weatherb

Gunner Morgan

Bomb. McDougla

Gunner Theaksto

Corpl. Theakston

Sgt. Robinson .

and badge.
1.
s Guns,
and badge.

[illegible]

RECORD OF PRACTICE, ETC.—Continued.

NAMES.	No. of rounds.	SCORES.			TIME.		Points lost for Overtime.	Final Total.	
		Dir.	Elev.	Hit.	To al.	Min.			Sec.
No. 6 BATTERY, HALIFAX BRIGADE.									
Bomb. Harman.....	1	1	.	.	.				Short.
	2	1	6	.	7				
	3	2	6	.	8				
	4	2	6	2	10				
	5	2	.	.	.	9	15	.	25
Sgt. Snow.....	1	2	6	.	8				
	2	2	4	.	6				
	3	2	4	.	6				
	4	2	4	.	6				
	5	1	1	.	2	10	17	.	28
Bomb. Watson	1	2	2	.	4				
	2	2	6	.	8				
	3	2	6	.	8				
	4	1	6	.	7				
	5	2	5	.	7	11	05	.	34
Sgt. Marshall.....	1	2	4	.	6				
	2	2	4	.	6				
	3	2	2	.	4				
	4	2	4	.	6				
	5	2	.	.	.	9	44	.	22
Battery Total.									109

NO. 7 BATTERY.

Corpl. Pritchard.....	1	1	6	.	7				
	2	2	6	2	10				
	3	2	4	.	6				
	4	2	6	.	8				
	5	2	.	.	.	12	30	.	31
Sgt. McLeod.....	1	2	2	.	4				
	2	2	6	.	8				
	3	1	4	.	5				
	4	1	6	.	7				
	5	2	3	.	5	10	21	.	29
Bomb. Campbell	1	1	6	.	7				
	2	1	6	.	7				
	3	2	4	.	6				
	4	1	4	.	5				
	5	2	.	.	.	11	35	.	25
Corpl. Doane.....	1	1	2	.	3				
	2	2	6	.	8				
	3	2	2	.	4				
	4	2	.	.	.				Short.
	5	2	4	.	6	10	35	.	21
Battery Total...									106

NAMES

Sgt. Maj. Cole ...

Gunner J. McDon

Gunner S. McLeo

Gunner Babineau

Gunner Worthyla

Gunner Vantasse

Sgt. Maj. Woodr

Corpl. Tobin ...

NAMES.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.			Sec.
PICTOU BATTERY.								
Sgt. Maj. Cole	1	1	2	.	3			
	2	2	4	.	6			
	3	2	2	.	4			
	4	2	2	.	4			
	5	2	5	.	7	12 15	.	24
Gunner J. McDonald	1	2	4	.	6			
	2	1	4	.	5			Embroidered badge.
	3	1	4	.	5			
	4	1	6	.	7			
	5	2	2	.	4	12 45	1	26
Gunner S. McLeod	1	1	6	.	7			
	2	2	2	.	4			
	3	.	.	.	.			Wrong target.
	4	2	.	.	.			Out, over.
	5	2	3	.	5	11 20	.	16
Gunner Babineau	1	1	4	.	5			
	2	2	2	.	4			
	3	1	.	.	.			Out, under.
	4	.	4	.	.			Out, left.
	5	1	5	.	6	11 22	.	15
Battery Total								81
DIGBY BATTERY.								
Gunner Worthylake	1	1	6	.	7			
	2	2	2	.	4			
	3	2	4	.	6			
	4	1	4	.	5			
	5	2	5	.	7	12 05	.	29 Silver Cross Guns.
Gunner Vantassel	1	2	2	.	4			
	2	2	6	.	8			
	3	2	4	.	6			
	4	2	2	.	4			
	5	2	2	.	4	11 21	.	26 Embroidered badge.
Sgt. Maj. Woodman	1	2	2	.	4			
	2	2	2	.	4			
	3	2	6	.	8			
	4	2	4	.	6			
	5	1	.	.	.	10 08	.	22
Corpl. Tobin	1	2	.	.	.			
	2	2	6	.	8			
	3	1	.	.	.			
	4	1	4	.	5			
	5	2	3	.	5	12 36	1	17
Battery Total								94

RECORD OF PRACTICE, ETC.—Continued.

NAMES.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Ht.	Total.	Min.			Sec.

YARMOUTH BATTERY.								
Sgt. Ryder	1	2	4	.	6			
	2	1	6	.	7			
	3	1	4	.	5			
	4	2	4	.	6			
	5	2	.	.	.	9	35	24
Corpl. Huestis	1	1	4	.	5			
	2	1	4	.	5			
	3	1	4	.	5			
	4	2	4	.	6			
	5	2	.	.	.	16	25	8 13
Bomb. Haley	1	1	4	.	5			
	2	2	6	.	8			
	3	2	6	.	8			
	4	2	4	.	6			
	5	1	.	.	.	10	31	27
Corpl. Agar	1	2	4	.	6			
	2	1	2	.	3			
	3	2	6	.	8			
	4	2	6	.	8			
	5	2	.	.	.	13	00	1 24
Battery Total						88		

NO. 1 BATTERY, LEVIS.

Sgt. Moore	1	2	6	.	8			
	2	1	.	.	.			
	3	2	2	.	4			
	4	2	2	.	4			
	5	1	5	.	6	16	45	9 13
Sgt. Lemieux	1	2	2	.	4			
	2	2	2	.	4			
	3	2	2	.	4			
	4	2	4	.	6			
	5	2	5	.	7	10	20	25
Sgt. Loiselle	1	1	4	.	5			
	2	2	4	.	6			
	3	2	6	.	8			
	4	2	6	.	8			
	5	2	3	.	5	10	30	32
Sgt.-Maj. Lacroix	1	2	6	.	8			
	2	2	2	.	4			
	3	1	4	.	5			
	4	2	4	.	6			
	5	1	1	.	2	12	00	25
Battery Total								95

NAMES.

Sgt. Maj. Lamon

Sgt. Migneault ..

Sgt. McKavour .

Sgt. Marcotte ...

Gunner Donahue

Gunner Betts. ...

Gunner Knowles .

Gunner Clayton .

Corpl. Nealey ...

Corpl. Stackhouse

Sgt. Lee

Gunner Spencer ..

Sgt. McGowan ...

Corpl. Thompson.

Corpl. Menealey ..

Corpl. Lowrie. ...

RECORD OF PRACTICE, ETC.—Continued.

40-pr R. B. L. Guns.

NAMES.	No. of rounds.	SCORES.			TIME.		Points lost for Overtime.	Final Total.	
		Dir.	Elev.	Hit.	Total.	Min.			Sec.
No. 2 BATTERY, QUEBEC.									
Sgt. Maj. Lamontague	1	2	.	.	.	5	25	4	
	2	2	2	.	4	.	.	.	
Sgt. Migneault	1	2	4	.	6	.	.	.	
	2	2	6	2	10	4	17	16	
Sgt. McKavour	1	1	2	.	3	.	.	.	
	2	2	4	.	6	3	43	9	
Sgt. Marcotte	1	2	.	.	.	.	.	.
	2	2	6	2	10	3	26	10	
<hr/>									
Battery Total								39	

No. 1 BATTERY, N. B. BRIGADE.

Gunner Donahue	1	1	.	.	.	.	.	} Out, under.
	2	2	.	.	.	.	.
Gunner Betts	1	2	6	2	10	.	.	15 Silver Cross Guns.
	2	1	4	.	5	5	02	
Gunner Knowles	1	1	2	.	3	.	.	6 Out, left.
	2	1	2	.	3	8	26	
Gunner Clayton	1	.	2	.	.	.	.	.
	2	1	.	.	.	4	12	.
Battery Total								21

No. 3 BATTERY.

Corpl. Nealey	1	1	4	.	5	.	.	10 Embroidered badge.
	2	1	4	.	5	4	26	
Corpl. Stackhouse	1	2	2	.	4	.	.	4
	2	1	.	.	.	4	45	
Sgt. Lee	1	2	2	.	4	.	.	10 Embroidered badge.
	2	2	4	.	6	4	37	
Gunner Spencer	1	2	.	.	.	.	.	4
	2	2	2	.	4	4	15	
Battery Total								28

No. 4 BATTERY.

Sgt. McGowan	1	2	2	.	4	.	.	4
	2	1	.	.	.	6	14	
Corpl. Thompson	1	2	2	.	4	.	.	8
	2	2	2	.	4	4	55	
Corpl. Menealey	1	2	.	.	.	.	.	4
	2	2	2	.	4	6	16	
Corpl. Lowrie	1	2	2	.	4	.	.	10 Silver Cross Guns.
	2	2	4	.	6	6	02	
Battery Total								26

RECORD OF PRACTICE, ETC.—Continued.

NAMES.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.			Sec.
No. 1 BATTERY, MONTREAL BRIGADE.								
Sgt. Courtney	1	.	.	.	.	.	.
	2	2	4	.	6	.	.	6
Sgt. Maj. Benton	1	2	.	.	.	.	.
	2	1	2	.	3	4	30	3
Bomb. Kollmar	1	2	.	.	.	.	.
	2	2	4	.	6	4	45	6
Corp. Clarke	1	1	2	.	3	.	.	
	2	2	.	.	.	4	40	3
Battery Total.....								18
No. 2 BATTERY.								
Sgt. Small.....	1	1	2	.	3	.	.	
	2	2	2	.	4	9	15	7
Corpl. Beatty.....	1	1	2	.	3	.	.	
	2	1	2	.	3	4	00	6
Sgt. Poole.....	1	.	2	.	.	.	.
	2	.	6	.	.	5	00	
Gunner Beck.....	1	2	.	.	.	.	.
	2	2	.	.	.	9	00	
Battery Total.....								13
No. 3 BATTERY.								
Bomb. Sims.....	1	2	2	.	4	.	.	
	2	1	2	.	3	5	00	7
Corpl. Bell	1	.	.	.	.	.	.
	2	2	4	.	6	5	25	6
Gunner Forman.....	1	2	6	2	10	.	.	
	2	1	2	.	3	5	30	13
Sgt. Goodfellow	1	2	4	.	6	.	.	
	2	2	2	.	4	3	45	10
Battery Total.....								36
No. 4 BATTERY.								
Gunner Pendleton.....	1	2	.	.	.	.	.
	2	1	.	.	.	4	35	.
Sgt. Dowker	1	1	2	.	3	.	.	
	2	2	4	.	6	3	35	9
Gunner Clark	1	2	.	.	.	.	.
	2	2	2	.	4	3	45	.
Gunner Smith.....	1	2	2	.	4	.	.	
	2	2	2	.	4	4	50	8
Battery Total.....								17

NAME

Sgt. Drysdale...

Corpl. Pingle...

Gunner Carpenter...

Corpl. Gordon...

Sgt. A. Fyfe ...

Corpl. J. Hutch...

Bomb. W. Allis...

Gunner D. Clanc...

Sgt. Carroll

Corpl. Letson ..

Sgt. McKay....

Corpl. Byers...

Corpl. Spence ..

Gunner Morgan

Sgt. Maj. Case..

Corpl. Weatherb...

RECORD OF PRACTICE, Etc.—Continued.

NAMES.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.			Sec.
No. 5 BATTERY, MONTREAL BRIGADE.								
Sgt. Drysdale.....	1	2	4	.	6			
	2	2	2	.	4	5	00	10
Corpl. Pingle.....	1	2	2	.	4			
	2	2	4	.	6	4	12	10
Gunner Carpenter.....	1	2	.	.	.			
	2	2	2	.	4	3	10	4
Corpl. Gordon.....	1	2	2	.	4			
	2	2	2	.	4	2	40	8
Battery Total.....								32
No. 6 BATTERY.								
Sgt. A. Fyfe.....	1	1	2	.	3			
	2	1	6	.	7	4	30	10
Corpl. J. Hutcheson.....	1	2	.	.	.			{ Out, under.
	2	1	.	.	4	15		
Bomb. W. Allison.....	1	1	4	.	5			
	2	1	6	.	7	5	15	12
Gunner D. Clancy.....	1	1	6	.	7			
	2	2	4	.	6	6	15	13
Battery Total.....								35
No. 2 BATTERY, HALIFAX BRIGADE.								
Sgt. Carroll.....	1	2	4	.	6			
	2	2	2	.	4	5	00	10
Corpl. Letson.....	1	1	4	.	5			
	2	2	.	.	.	4	55	5 Short.
Sgt. McKay.....	1	2	2	.	4			
	2	2	.	.	4	00		4 Short.
Corpl. Byers.....	1	2	2	.	4			
	2	2	2	.	4	5	00	8
Battery Total.....								27
No. 3 BATTERY.								
Corpl. Spence.....	1	2	4	.	6			
	2	1	6	.	7	4	40	13
Gunner Morgan.....	1	2	6	2	10			
	2	2	6	2	10	4	15	20
Sgt. Maj. Case.....	1	2	2	.	4			
	2	2	6	.	8	4	25	12
Corpl. Weatherby.....	1	1	4	.	5			
	2	2	6	2	10	4	06	15
Battery Total.....								60

RECORD OF PRACTICE, ETC.—Continued.

NAMES.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.			Sec.
NO. 5 BATTERY, HALIFAX BRIGADE.								
Sgt. Robinson	1	2	2	.	4			
	2	.	.	.		4	00	4 Out, right.
Corpl. Theakston	1	2	6	.	8			
	2	2	4	.	6	4	15	14
Bomb. McDougall	1	2	2	.	4			
	2	2	2	.	4	3	40	8
Gunner Theakston	1	2	2	.	4			
	2	2	2	.	4	4	45	8
Battery Total								34
NO. 6 BATTERY.								
Sgt. Marshall	1	1	.	.	.			
	2	2	.	.	.	3	05	Short.
Gunner Watson	1	1	6	.	7			
	2	2	6	.	8	5	00	15
Bomb. Hannan	1	2	2	.	4			
	2	1	6	.	7	4	58	11
Sgt. Snow	1	2	2	.	4			
	2	2	2	.	4	4	23	8
Battery Total								34
NO. 7 BATTERY.								
Sergt. McLeod	1	2	6	.	8			
	2	1	.	.	.	5	35	8 Short.
Corpl. Doane	1	1	2	.	3			
	2	1	.	.	.	3	45	3 Short.
Corpl. Pritchard	1	1	.	.	.			
	2	2	.	.	.	5	00	Short.
Bomb. Campbell	1	1	4	.	5			
	2	1	4	.	5	5	47	10
Battery Total								21
NO. 1 BATTERY, PRINCE EDWARD ISLAND BRIGADE.								
Sgt. Offer	1	2	6	2	10			
	2	2	6	.	8	5	30	18
Sgt. Connolly	1	2	6	.	8			
	2	1	2	.	3	4	28	11 Embroidered badge
Corpl. McDonald	1	2	4	.	6			
	2	2	6	.	8	4	00	14
Gunner Proud	1	1	2	.	3			
	2	1	2	.	3	5	00	6
Battery Total								49

NA

Sgt. Dover ...

Sgt. Alley ...

Gunner Lane ...

Gunner Ramsa ...

Gunner Scantl ...

Corpl. Whear ...

Corpl. Marley ...

Corpl. Quigley ...

Corpl. Tobin ...

Gunner Worth ...

Sgt. Maj. Wood ...

Gunner Vantas ...

Gunner Ryan ...

Sgt. Maj. Cole ...

Gunner Lilly ...

Bomb. McKay ...

RECORD OF PRACTICE, ETC.—Continued.

NAMES.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.			Sec.
NO. 2 BATTERY, PRINCE EDWARD ISLAND BRIGADE.								
Sgt. Dover	1	2	4	.	6			
	2	2	6	2	10	5	39	16 Silver Cross Guns.
Sgt. Alley.....	1	1	6	.	7			
	2	1	6	.	7	3	50	14 Embroidered badge.
Gunner Lane.....	1	2	6	2	10			
	2	2	2	.	4	3	10	14 Embroidered badge.
Gunner Ramsay.....	1	2	4	.	6			
	2	2	.	.	.	4	36	6 Short.
Battery Total.....							50	
NO. 4 BATTERY.								
Gunner Scantlebury.....	1	1	.	.	.			
	2	2	2	.	4	6	00	4
Corpl. Whear.....	1	2	2	.	4			
	2	2	2	.	4	4	30	8
Corpl. Marley	1	2	2	.	4			
	2	2	2	.	4	5	30	8
Corpl. Quigley.....	1	2	2	.	4			
	2	1	4	.	5	5	00	9
Battery Total.....							29	
DIGBY BATTERY.								
Corpl. Tobin.....	1	2	4	.	6			
	2	1	6	.	7			13 Embroidered badge.
Gunner Worthylake....	1	1	6	.	7			
	2	2	4	.	6			13
Sgt. Maj. Woodman.....	1	1	4	.	5			
	2	2	.	.	.			5
Gunner Vantassel	1	1	2	.	3			
	2	2	2	.	4			7
Battery Total.....							38	
PICTOU BATTERY.								
Gunner Ryan.....	1	1	2	.	3			
	2	1	4	.	5	7	36	8
Sgt. Maj. Cole.....	1	2	2	.	4			
	2	1	6	.	7	5	00	11 Silver Cross Guns.
Gunner Lilly	1	.	.	.	.
	2	2	2	.	4	9	00	4
Bomb. McKay.....	1	1	2	.	3			
	2	2	4	.	6			9
Battery Total.....							32	

RECORD OF PRACTICE, ETC.—Continued.

NAMES.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.			Sec.
No. 1 BATTERY, LEVIS.								
Gunner Gelly.....	1	1	6	.	7			
	2	.	4	.		2	15	7
Sgt. Lemieux.....	1	.	4	.				
	2	2	6	.	8	4	02	8 Silver Cross Guns.
Sgt. Loiselle.....	1	1	4	.	5			
	2	.	4	.		3	12	5
Sgt. Maj. Lacroix.....	1	2	6	.	8			
	2	.	4	.		3	28	8
Battery Total.....								28
YARMOUTH BATTERY.								
Gunner Elvidge.....	1	2	.	.	.			
	2	1	.	.		4	22	
Gunner Skinner.....	1	1	2	.	3			
	2	2	2	.	4	5	41	7
Gunner Purdy.....	1	2	2	.	4			
	2	1	.	.		3	55	4
Corpl. Agar.....	1	2	2	.	4			
	2	2	2	.	4	4	40	8
Battery Total.....								19

OFFIC

RANK A
OF COM

Lieut. Marsa
No. 1, Le

Lt.-Col Moor
P. E. I. I

Capt. Boulam
No. 2, Q

Capt. Ogilvie
Montreal

Lieut. Steeve
N. B. Bri

Lieut. Dimoc
Halifax

Lt.-Col. Arm
N. B. Bri

Lt.-Col. Cur
Halifax

Lieut. Grego
Montrea

Lieut. Hudon
No. 2, Q

Capt. Brenn
P. E. I.

Lieut. White
N. B. B

RECORD OF PRACTICE ETC.—Continued.

OFFICERS GARRISON ARTILLERY, ISLAND OF ORLEANS.

64-PR. R. M. L. GUNS—4 COMMON SHELL.

RANK AND NAMES OF COMPETITORS.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Total.	Min.	Sec.		
Lieut. Marsan.....	1	2	6	2	10			
No. 1, Levis.	2	2	4		6			
	3	2	4		6			
	4	2	6		8	6 00		30
Lt.-Col Moore.....	1	2	4		6			
P. E. I. Brigade.	2	2	6	2	10			
	3	2	2		4			
	4	2	4		6	6 32		26
Capt. Boulanger.....	1	2	4		6			
No. 2, Quebec.	2	2	2		4			
	3	2	6		8			
	4	2	4		6	10 00		24
Capt. Ogilvie.....	1	1	6		7			
Montreal Brigade.	2	1	4		5			
	3	2	6		8			
	4	1	4		5	10 15	1	24
Lieut. Steeves.....	1	2	2		4			
N. B. Brigade.	2	1	6		7			
	3	2	6		8			
	4	2	6	2	10	12 05	5	24
Lieut. Dimock.....	1	2	6		8			
Halifax Brigade.	2	1	6		7			
	3	2	2		4			
	4	2	2		4	7 30		23
Lt.-Col. Armstrong...	1	2	2		4			
N.B. Brigade.	2	1	6		7			
	3	1	2		3			
	4	1	6		7	7 22		21
Lt.-Col. Curren.....	1	2	6		8			
Halifax Brigade.	2	1	2		3			
	3	2	4		6			
	4	2	2		4	7 45		21
Lieut. Gregor.....	1	2	2		4			
Montreal Brigade.	2	2	4		6			
	3	1	4		5			
	4	2	4		6	10 00		21
Lieut. Hudon.....	1	2	4		6			
No. 2, Quebec.	2	1	4		5			
	3	2	4		6			
	4	1	4		5	10 17	1	21
Capt. Brennan.....	1	2	4		6			
P. E. I. Brigade.	2	2						
	3	1	6		7			
	4	1	6		7	8 35		20
Lieut. White.....	1	1	6		7			
N. B. Brigade.	2	2	4		6			
	3	2	2		4			
	4	2	2		4	10 23	1	20

RECORD OF PRACTICE, ETC.—Continued.

RANK AND NAMES OF COMPETITORS.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Min.	Sec.		
Capt. Maxwell	1	3	4	6				
Halifax Brigade.	2	1	2	3				
	3	2	2	4				
	4	2	4	6	7	58		19
Lieut. Crathern	1	2	2	4				
Montreal Brigade.	2	1	6	7				
	3	1	4	5				
	4	2	2	4	10	08	1	19
Lieut. Fraser	1	1						
P. E. I. Brigade.	2	2	2	4				
	3	2	6	8				
	4	2	4	6	5	50		18
Lieut. Davison	1	1	6	7				
P. E. I. Brigade.	2	1						
	3	2	2	4				
	4	1	6	7	9	00		18
Capt. Stewart	1	1	6	7				
Halifax Brigade.	2	1	2	3				
	3	1	4	5				
	4	1	2	3	9	55		18
Capt. Macdonald	1							
Pictou Battery.	2	2	4	6				
	3	2	4	6				
	4	2	4	6	10	00		18
Capt. Martineau	1	1	6	7				
No. 1, Levis.	2	1	2	3				
	3	1	2	3				
	4	2	2	4	2	35		17
Lieut. Baxter	1	2	6	8				
N. B. Brigade.	2	2	6	8				
	3	1	6	7				
	4	2	2	4	15	00	10	17
Lieut. Biden	1	2						
Digby.	2	1	6	7				
	3	1	2	3				
	4	2	4	6	7	30		16
Capt. Hesslein	1	1	2	3				
Halifax Brigade.	2	1	2	3				
	3	2	2	4				
	4	2	2	4	10	00		14
Lieut. Costigan	1		2					
Montreal Brigade.	2	1	6	7				
	3	2	4	6				
	4	1			8	32		13
Lieut. Boulton	1	1	6	7				
Halifax Brigade.	2	2	6	8				
	3		2					
	4	1	6	7	14	33	10	12
Lieut. Hart	1	1	4	5				
Halifax Brigade.	2		2					
	3	2	2	4				
	4	2	2	4	10	40	2	11

RANK A
OF COM

Capt. Jolly ..
Yarmouth

Lieut. Halls ..
Halifax B

Capt. Oxley ..
Halifax B

Lieut. Fergus

Capt. Howard
Montreal

Lieut. Harrison
N. B. Brig

RECORD OF PRACTICE, ETC.—*Continued.*

RANK AND NAMES OF COMPETITORS.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.	Sec.	
Capt. Jolly	1	.	4	.	.			
Yarmouth.	2	1	4	.	5			
	3	1	.	.	.			
	4	1	4	.	5	8	40	10
Lieut. Halls	1	2	2	.	4			
Halifax Brigade.	2	2	4	.	6			
	3	.	4	.	.			
	4	2	.	.	.	9	30	10
Capt. Oxley	1	2	4	.	6			
Halifax Brigade.	2	.	4	.	.			
	3	2	2	.	4			
	4	2	.	.	.	8	44	10
Lieut. Ferguson	1	2	.	.	.			
	2	2	.	.	.			
	3	2	.	.	.			
	4	1	4	.	5	8	00	5
Capt. Howard	1	2	.	.	.			
Montreal Brigade.	2	1	4	.	5			
	3	1	.	.	.			
	4	2	2	.	4	13	03	7
Lieut. Harrison ..	1	1	.	.	.			
N. B. Brigade.	2	1	.	.	.			
	3	2	2	.	4			
	4	2	2	.	4	13	40	8

RECORD OF PRACTICE, Etc.—Continued.

COMPETITIONS AT LOCAL HEAD-QUARTERS.

RANK AND NAMES OF COMPETITORS.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.			Sec.

HALIFAX BRIGADE, NO. 1 BATTERY.

Preliminary.

Sgt.-Major Melvin.....	1	2	.	.	.	.	.	8
Sgt. Frawley.....	1	1	4	.	5	.	.	10
Sgt. Jackson...	1	2	2	.	4	.	.	4
Corpl. Pierce.....	1	1	3	.	4	.	.	7
Gunner J. D. McEachern...	1	2	.	.	.	.	.	3
Gunner G. L. McEachern ...	1	1	2	.	3	.	.	4
Gunner Woodburn.....	1	1	3	.	4	.	.	6
Gunner H. A. McCollum...	1	2	4	.	6	.	.	10

Final.

Sgt.-Major Melvin.....	1	2	3	.	5	.	.	10
Sgt. Frawley.....	1	2	4	2	8	5	15	11
Corpl. Pierce.....	1	1	.	.	.	5	14	11
Gunner McCollum.....	1	2	.	.	.	6	5 10	4

Battery Total..... 82

NAM

Corpl. Broadhu

Gunner Guilfo

Gunner Schw

Gunner Day..

Gunner Zong..

Gunner Dunne

Gunner Smith.

Gunner Ryan

Corpl. Broadh

Gunner Glasgo

Gunner Lord

Gunner H. D

Gunner W. D

Bomb. Gardne

Corpl. Stackho

Sgt. Lee.....

Sgt. Johnston

Sgt. Johnston

Sgt. Lee.....

Gunner Gardn

Gunner Lord.

ERS.

NAMES.	No. of rounds.	SCORES.				TIME.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.	Sec.		
NO. 4 BATTERY, HALIFAX BRIGADE. Preliminary.									
Corpl. Broadhurst.....	1	1	4	.	5				
	2	1	2	.	3				8
Gunner Guilfoyle.....	1	1	.	.	.				
	2	.	.	.	.				.
Gunner Schwartz	1	2	.	.	.				
	2	1	.	.	.				.
Gunner Day.....	1	1	3	.	4				
	2	1	.	.	.				4
Gunner Zong.....	1	2	.	.	.				
	2	1	.	.	.				.
Gunner Dunne.....	1	1	.	.	.				.
	2	1	.	.	.				.
Gunner Smith.....	1	1	.	.	.				.
	2	.	.	.	.				.
Gunner Ryan	1	.	.	.	.				.
	2	2	2	.	4				4
Final.									
Corpl. Broadhurst.....	1	1	3	.	4				
	2	2	.	.	.				
	3	2	4	.	6				10Practice not completed.
NO. 2 BATTERY, N. B. BRIGADE. Preliminary.									
Gunner Glasgow	1	1	.	.	.				
	2	2	.	.	.				.
Gunner Lord	1	1	3	.	4				
	2	2	.	.	.				4
Gunner H. Dunham.....	1	2	.	.	.				
	2	1	.	.	.				.
Gunner W. Dunham.....	1	2	.	.	.				
	2	1	3	.	4				4
Bomb. Gardner	1	1	.	.	.				
	2	2	4	.	6				6
Corpl. Stackhouse	1	2	.	.	.				
	2	1	.	.	.				.
Sgt. Lee.....	1	2	.	.	.				
	2	1	3	.	4				4
Sgt. Johnston.....	1	2	4	.	6				
	2	2	.	.	.				6
Final.									
Sgt. Johnston	1	1	.	.	.				
	2	2	.	.	.				
	3	2	.	.	5 30				.
Sgt. Lee.....	1	2	.	.	.				
	2	2	.	.	.				
	3	2	4	.	6 5 33				6
Gunner Gardner.....	1	1	.	.	.				
	2	1	3	.	4				
	3	1	.	.	5 02				4
Gunner Lord.....	1	1	3	.	4				
	2	2	.	.	.				
	3	2	.	.	5 17				4
Battery Total									38

RECORD OF PRACTICE, ETC.—Continued.

RANK AND NAMES OF COMPETITORS.	No. of rounds.	SCORES.			TIME.		Points lost for Overtime.	Final Total.
		Dir.	Elev.	Hit.	Total.	Min.			Sec.

NO. 5 BATTERY, N. B. BRIGADE.

Preliminary.

Sgt. Burgess.....	1	2	3	.	5			
	2	2	.	.				5
Corpl. Brownell	1	1	3	.	4			
	2	2	.	.				4
Gunner Miller	1	2	.	.				
	2	2	.	.				
Corpl. Wilkinson.....	1	2	.	.				
	2	2	3	.	5			5
Sgt. Cooper	1	1	.	.				
	2	2	.	.				
Gunner Lawson	1	1	4	.	5			
	2	2	.	.				5
Sgt. Semple.....	1	2	4	.	6			
	2	1	.	.				6
Corpl. Raines.....	1	2	.	.				
	2	2	.	.				

Final.

Sgt. Semple	1	2	.	.				
	2	2	4	.	6			
	3	2	4	.	6	4	55	12 Silver Cross Guns.
Sgt. Burgess	1	1	.	.				
	2	2	.	.				
	3	2	3	.	5	6		5
Corpl. Brownell....	1	1	3	.	4			
	2	2	.	.				
	3	1	2	.	3	4	20	7
Gunner Lawson	1	2	.	.				
	2	2	.	.				
	3	.	.	.	5	10		

Battery Total. 49

RANK AND
OF COMPET

By. Sgt.-Maj. Sir
Gunner Norgate
Gunner Fisher ..
Gunner McConna
Gunner Evans ..
Corpl. Baxter ...
Gunner Newbury
Gunner Cullen ..

Gunner Newbury
By. Sgt.-Maj. Sir
Gunner Norgate
Corpl. Baxter....

RECORD OF PRACTICE, ETC.—Continued.

RANK AND NAMES OF COMPETITORS	No. of rounds.	SCORES.			TIME.		Points lost for Overtime.	Final Total.
		Dir.	F lev.	Hit.	Total.	Min.	Sec.	

BRITISH COLUMBIA BRIGADE, NO. 2 BATTERY.

Preliminary.

By. Sgt.-Maj. Sinclair	1	2	4	.	6			
	2	2	3	.	5			11
Gunner Norgate	1	2	4	2	8			
	2	1	2	.	3			11
Gunner Fisher	1	1	.	.	.			
	2	1	3	.	4			4
Gunner McConnan	1	2	.	.	.			
	2	2	3	.	5			5
Gunner Evans	1	2	.	.	.			
	2	2	2	.	4			4
Corpl. Baxter	1	2	3	.	5			
	2	2	3	.	5			10
Gunner Newbury	1	2	4	2	8			
	2	2	3	.	5			13
Gunner Cullen	1	2	3	.	5			
	2	1	3	.	4			9

Final.

Gunner Newbury	1	2	.	.	.			
	2	2	4	2	8			
	3	2	4	.	6	6	32	14 Embroidered Badge.
By. Sgt.-Maj. Sinclair	1	1	2	.	3			
	2	1	.	.	.			
	3	2	.	.	.	6	40	3
Gunner Norgate	1	2	.	.	.			
	2	2	2	.	4			
	3	2	4	.	6	6	38	10
Corpl. Baxter	1	2	.	.	.			
	2	2	4	2	8			
	3	2	4	.	6	5	13	14 Silver Cross Guns.

Battery Total... 108

RECORD OF PRACTICE, ETC.—Continued.

RANK AND NAMES OF COMPETITORS.	No. of Rounds	SCORE.			Time.		Points lost for Overtime.	Final Total.
		Dir.	Elev	Hit.	Total.	Min.			Sec.
No. 3 BATTERY.								
Preliminary.								
Sgt. Williams	1	2	3	5				
	2	1	3	4				9
Corpl. E. Fleming.....	1	2	4	2	8			
	2	2	4	2	8			16
Sgt. C. Braund.....	1	2	.	.	.			
	2	2	4	2	8			8
Corpl. Winsby.....	1	2	.	.	.			
	2	2	4	2	8			8
Sgt. Atkins.....	1	2	.	.	.			
	2	2	.	.	.			
Sgt. J. C. Newbury	1	2	4	2	8			
	2	2	2		4			12
Corpl. Langley	1	2	3		5			
	2	2	4	2	8			13
Bomb. H. Fleming.....	1	2	2		4			
	2	2	4	2	8			12
Final.								
Corpl. Fleming.....	1	1	.	.	.			
	2	2	3		5			
	3	2	4		6	6	55	11
Corpl. Langley.....	1	2	4	2	8			
	2	2	4	2	8			
	3	2	4		6	6	50	22
Sgt. Newbury	1	1	3		4			
	2	1	.	.	.			
	3	2	4		6	7	19	10
Bomb. Fleming.....	1	2	3		5			
	2	2	4		6			
	3	2	.	.	9	20	2	9
Battery Total.....								130

Embroidered badge.

Silver Cross Guns.

RANK AND
OF COMPET

By. Sgt. Maj. Hel

Sgt. Williams ..

Corpl. H. G. Mc

Gunner W. T. T

Gunner J. Grant

Gunner J. Hardy

Gunner H. Fras

Gunner J. E. Ca

Gunner H. Maso

Corpl. H. G. M

Gunner J. Grant

Gunner J. Hardy

RANK AND NAMES OF COMPETITORS.	No. of rounds.	SCORES.			Time.		Points lost for Overtime.	Final total.
		Dir.	Elev.	Hit.	Total.	Min.			Sec.
NO. 4 BATTERY, B. C. BRIGADE.								
Preliminary.								
By. Sgt. Maj. Hebben	1	1	2	.	3			
	2	1	2	.	3			6
Sgt. Williams	1	2	3	.	5			
	2	1	.	.				5
Corpl H. G. McConnon	1	2	.	.				
	2	2	4	2	8			8
Gunner W. T. Twiss	1	.	.	.				
	2	.	.	.				
Gunner J. Grant	1	.	.	.				
	2	2	4	2	8			8
Gunner J. Hardy	1	.	.	.				
	2	2	4	2	8			8
Gunner H. Fraser	1	1	2	.	3			
	2	2	4	2	8			11
Gunner J. E. Carmichael	1	2	.	.				
	2	2	2	4				4
Final.								
Gunner H. Mason	1	2	4	2	8			
	2	2	4	2	8			
	3	2	1½	.	3½	6 12		19½ Embroidered badge.
Corpl. H. G. McConnon	1	2	4	2	8			
	2	.	.	.		6 50		8
Gunner J. Grant	1	2	4	.	6			
	2	2	4	2	8			Silver Cross Guns.
	3	2	4	.	6	6 00		20
Gunner J. Hardy	1	2	3	.	5			
	2	2	.	.				
	3	2	.	.		6 00		5
Battery Total 102½								

RECORD OF PRACTICE, ETC.—*Continued.*

OFFICERS' COMPETITION AT LOCAL HEAD-QUARTERS.

64-pr. R.M.L. Guns.—3 rounds Common Shell each.

RANK AND NAMES OF COMPETITORS.	No. of Rounds	SCORE			Time.		Points lost for Overtime.	Final Total
		Dir.	Elev.	Hit.	Total.	Min.			Sec.
HALIFAX BRIGADE.								
Lieut. Brown.	1	2	3	.	5			
	2	2	4	2	8			
	3	1	2	.	3			16
Major Purcell	1	2	.	.	.			
	2	2	4	2	8			
	3	2	3	.	5			13
Lieut. Wylde.	1	2	.	.	.			
	2	1	4	.	5			
	3	2	2	.	4			9
NEW BRUNSWICK BRIGADE.								
Lieut. Wetmore	1	2	.	.	.			
	2	1	.	.	.			
	3	1	4	.	5	7	00	5
Capt. Gordon.	1	1	.	.	.			
	2	2	.	.	.			
	3	2	.	.	.			
Lieut. Tilley.	1	2	.	.	.			
	2	1	.	.	.			
	3	2	.	.	.			

RANK
OF CO

Sgt. Archer

Bomb. John

Corpl. Quinn

Sgt. Mulren

Sgt. Russell

Bomb. Mac

Corpl. Bray

Corpl. John

SMOOTH BORE GUNS.

[illegible]

FIELD BATTERIES.

DRILL AND DRIVING COMPETITION

FOR GZOWSKI CUP.

Circular, 25th April, 1889.

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.

Detachment to be in order of march. No. 1 and Drivers—stand to their horses.

1. Gunners and Drivers prepare to mount. Mount.
2. Forward at a trot. March. Left incline. Left-shoulders. Forward. Left-shoulders. Forward. Left incline. Halt.

The gun to be taken round two pickets, each 30 yards from the leaders, and 30 yards apart, and back again to original ground.

3. Action—Front.
4. Load with drill cartridge and fire one round with friction tube.
5. Cease firing. Rear limber up.
6. Gunners prepare to mount. Mount.
7. Forward at a trot. March. Gun to be taken straight through two pickets, 3 feet high, 40 yards distant, and 6 feet 8 inches apart—as soon as 15 yards clear then :—

8. Halt. Action rear.
9. Load with a second drill cartridge and fire one round.

10. Front limber up. Form the order of march. Halt.

Cartridges to be taken separately from the limber box by No. 7.

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—5 seconds to be added for each.

Umpire's decision to be final. No appeal.

PRIZES :

- | | |
|--|--------|
| 1st—Gzowski Challenge Cup and \$35 00. | |
| 2nd | 25 00. |
| 3rd | 15 00. |

No. 2 Batte
Guelph

Quebec, Qu

Newcastle,

No. 1 Batte
Guelph

Durham . .
Port H

London, O

Hamilton,

Gananoque

Welland C
Port C

Drill and Driving Competition--Gzowski Cup.

BATTERY.	No. of Sub-division.	Actual time.		Added for Errors.	Corrected time.		Average time.	
		Min.	Sec.		Min.	Sec.	Min.	Sec.
No. 2 Battery, 1st Brigade ... Guelph, Ont.	1	2	06	15	2	21		
	2	2	09	15	2	34		
	3	2	20½	15	2	35½		
	4	2	21	25	2	46	2	34½
Quebec, Que.	1	2	48 2/5	15	3	03 2/5		
	2	2	34 2/5	10	2	44 2/5		
	3	2	43	10	2	53		
	4	2	11 1/5	10	2	21 1/5	2	45 3/5
Newcastle, N. B.	1	2	30½	15	2	45½		
	2	2	03½	15	2	18½		
	3	2	42½	20½	3	03		
	4	2	53½	15	3	08½	2	48½
No. 1 Battery, 1st Brigade ... Guelph, Ont.	1	2	49½	15	3	04½		
	2	2	42	15	2	57		
	3	2	31	15	2	46		
	4	2	16	15	2	31	2	49½
Durham Port Hope.	1	2	22	15	2	37		
	2	2	45	20	3	05		
	3	3	09 2/5	20	3	29 2/5		
	4	2	27 4/5	5	2	32 4/5	2	56 1/20
London, Ont	1	2	42½	7½	2	50		
	2	2	50½	15	3	05½		
	3	2	39½	15	2	54½		
	4	2	45	17½	3	02½	2	58½
Hamilton, Ont	1	3	02	5	3	07		
	2	2	29½	10	2	39½		
	3	2	50	5	2	55		
	4	2	58½	20	3	18½	3	00
Gananoque, Ont.	1	2	29	25	2	54		
	2	2	45 3/5	10	2	55 3/5		
	3	2	55	30	3	25		
	4	2	46	15	3	01	3	03 9/10
Welland Canal Port Colborne, Ont.	1	2	29½	10	2	39½		
	2	3	17	10	3	27		
	3	3	13½	5	3	18½		
	4	2	42	10	2	52	3	04½

DRILL AND DRIVING COMPETITION—*Continued.*

BATTERY.	No. of Sub-division.	Actual time.		Added for Errors	Corrected time.		Average time.	
		Min.	Sec.		Min.	Sec.	Min.	Sec.
Ottawa, Ont	1	2	37 1/5	25	3	02 1/5		
	2	2	42 1/5	30	3	12 1/5		
	3	2	31 1/5	30	3	01 1/5		
	4	2	37	30	3	07	3	05 13/20
Montreal, Que.....	1	3	00	10	3	10		
	2	3	06	20	3	26		
	3	2	53	2 1/2	2	55 1/2		
	4	2	41 1/2	12 1/2	2	54	3	06 3/4
Kingston, Ont.....	1	2	55 4/5	10	3	05 4/5		
	2	4	00	25	4	25		
	3	3	13 4/5	45	3	58 4/5		
	4	3	30 2/5	15	3	45 2/5	3	48 1/4
Winnipeg, Man	1	3	34	25	3	59		
	2	4	03 2/5	20	4	23 1/5		
	3	4	51 4/5	35	5	26 4/5		
	4	5	25	25	5	50	4	54 1/4

Driving Competition.

Names of Drivers awarded Badges of Cross-Whips.

" A " Battery, R.S.A.	{	Driver	McCarthy
		"	Rose
" B " " "	{	"	Slade
		"	Lapointe
No. 1 Battery, 1st Brigade	{	"	D. Baily
		"	James Boles
2 " " "	{	"	Anderson
		"	Jackson
London Battery	{	"	G. Clumpitt
		"	W. Fox
Welland Canal Battery	{	"	Moyer
		"	Minor
Hamilton Battery	{	"	Andrews
		"	Marshall
Toronto " " "	{	Corpl.	Page
		Driver	Hunter
Durham " " "	{	"	Moffatt
		"	Patton
Kingston " " "	{	"	B. Whitney
		"	R. J. Moore
Gananoque " " "	{	"	Nunn
		"	Gray
Ottawa " " "	{	"	D. Johnston
		"	A. Gray
Montreal " " "	{	"	Arthur Walker
		"	John Brown
Shefford " " "	{	"	J. Tetreault
		"	A. Bessette
Richmond " " "	{	"	John Fleming
		"	William Stalker
Quebec " " "	{	"	Ernest Houde
		"	Joseph Côté
Newcastle " " "	{	"	William O'Brien
		"	Leonard Jardine
Winnipeg " " "	{	"	Fred Edwardes
		"	James Farquhar

COMPARATIVE EFFICIENCY RETURN OF FIELD BATTERIES.

BATTERY.	COMMANDING OFFICER	Clothing and Accoutrements	Guns, Carriages and Equipment.	Horses.	Harness and Harnessing.	Marching Post.	Gun Drill.	Sword Drill.	Manœuvres.	Discipline and Camping.	Questions	Percentage of Score, Gun practice.	Reduction for absentees, or below Establishment.	TOTAL.	
	Full Marks	12	16	12	16	15	28	8	16	12	40	64	100	339	
No. 1 Bty., 1st Bde.	Major Nicoll*	10	14	11	14	14	25	7	12	12	37	54	50.23	260.23	2 Officers absent.
Quebec	Major Lindsay	11	15	10	13	14	25	5	15	12	36	52	50.92	258.92	1
Hamilton	Major Van Wagner . . .	11	14	9	16	13	26	5	15	12	19	62	50.47	254.47	1
Montreal	Lt.-Col. Stevenson . . .	12	16	10	12	13	25	2	12	8	29	55	39.58	239.58	2
Kingston	Major Drennan	12	16	9	14	15	26	2	14	10	28	39	46.06	236.06	2
No. 2 Bty., 1st Bde.	Major Hood*	10	10	11	14	13	24	8	11	11	25	55	40.51	232.51	2
Ottawa	Major Stewart	8	12	10	12	8	24	4	8	8	31	51	50.23	226.23	2
Durham	Major McLean	8	10	11	12	12	24	6	12	8	22	58	38.19	221.19	2
London	Lt.-Col. Peters	9	10	9	11	13	21	7	12	10	27	43	46.30	218.30	1
Toronto	Major Mead	9	10	10	12	14	20	8	12	10	22	36	39.58	202.58	1
Gananoque	Lt.-Col. McKenzie . . .	7	8	12	10	12	20	5	12	6	32	33	41.43	198.43	2
Winnipeg	Major Courlee	12	8	12	10	12	22	6	10	19	28	40	33.84	195.84	2
Newcastle	Lt.-Col. Call	15	15	9	10	10	22	4	10	9	28	30	30.32	183.32	2
Welland Canal	Major King	10	14	8	9	11	24	4	10	8	20	27	43.75	177.75	2
Sheffield	Lt.-Col. Amyrauld . . .	8	8	8	10	8	18	4	8	8	20	27	41.67	135.67	2
Richmond	Major Aylmer	10	8	8	10	8	18	4	8	10	28	30	31.02	135.02	2

*Lt.-Col. Macdonald, Commanding Brigade. †Failed to show proficiency in this drill.

Compa

BATTE

New Brunswick Brigade.

Halifax Brigade.

P. E. Island Brigade.

Yarmouth
Pictou . . .
Levis, No.
Quebec, No.
Cobourg . .
Digby . . .
Montreal B.
British Co

NOTE—

Comparative Efficiency Return of Garrison Batteries.

BATTERY.	OFFICER COMMANDING.	Clothing and Accoutrements.		Manual and Firing.	Company Drill.	Gun Drill.	Discipline and Interior Economy.	Ans. to Questions		Below authorized Establishment.	TOTAL.	Order of Efficiency.
		Full Marks.....						Officers.	Non-Com. Officers.			
			5 10	10	40	5	24	36		130		
New Brunswick Brigade.	No. 1 Capt. Crawford...	5	8	9	38	4	8	28	..	100	5	
	" 2 " Gordon....	4	6	7	22	3	23	19	6	78	.	
	" 3 Lieut. Harrison...	3	5	3	16	3	7	25	1	61	.	
	" 4 Capt. Jones	5	8	6	24	3	11	35	8	84	.	
	" 5 Lieut. Steeves	4	4	3	15	3	10	29	6	62	.	
Halifax Brigade.	" 1 Major Purcell	5	7	6	18	5	15	23	..	79	.	
	" 2 Capt. Hesslein....	4	6	a	7	5	9	29	13	47	.	
	" 3 " Maxwell	5	7	7	14	5	16	30	6	78	.	
	" 4 " Botsford	5	6	a	6	5	21	20	11	52	.	
	" 5 " Oxley	5	7	6	18	5	17	31	5	84	.	
P.E. Island Brigade.	" 6 " Parker	4	6	8	27	5	6	23	..	79	.	
	" 7 " Anderson	5	5	4	16	5	12	23	10	60	.	
	" 1 " Davison	5	8	8	34	5	21	35	..	116	2	
	" 2 " Longworth	5	9	8	35	5	22	34	..	118	1	
	" 4 " Brennan	5	7	6	27	4	a	a	..	47	.	
Yarmouth	" Jolly	5	8	10	37	4	15	30	..	109	3	
Pictou	" Macdonald	4	6	7	25	5	7	a	5	49	.	
Levis, No. 1.....	" Martineau	3	9	8	35	5	11	24	..	95	6	
Quebec, No. 2....	" Boulanger	3	7	5	30	5	18	34	..	102	4	
Cobourg	" Dumble	5	8	6	30	5	22	19½	3	92½	7	
Digby	" Daley											
Montreal Brigade.	6 Batteries											
British Col. Bde..	4 "											

NOTE—(a) Failed to show efficiency in this detail.

(b) Subsequent partial inspection in Artillery drills by Inspector of Artillery.

+Failed to show proficiency in this drill.

*Lt.-Col. Macdonald, Commanding Brigade.

The following are the questions for which the credits as shown in the tables were awarded. The questions were printed and issued by the Department to all concerned previous to the inspection.

Field Artillery

OFFICERS.

Questions—(Value 5 Each).

1. Describe the general principle of finding an unknown range by means of trial shots.
2. Detail the general rules to be observed on coming into action, and the points for consideration in the choice of a position.
3. Describe the general principles of laying guns by means of an auxiliary mark, and how it can be effected under ordinary circumstances?
4. What are the common errors observed at gun practice, and the general causes of inaccurate shooting?
5. State the detail for, "From line, to change front to the Rear."
6. In line limbered up, to "change front left back."
7. From column of divisions, to form line on the leading division for action.
8. From line, to change front on a flank sub-division.

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 question not to be asked twice.

N. C. OFFICERS.

Questions—(Value 4 Each).

1. Define the meaning of line of sight, angle of elevation, drift, deflection.
2. State the rules for obtaining deflection.
3. What are the general rules to be observed in laying a gun?
4. What articles of equipment are carried on gun limber, packed for service?
5. State the weights, filled and empty, of projectiles for your gun.
6. State the quantity of ammunition carried in the gun limber, and how it is packed?
7. What are the rules for fitting—Head stall of bridles, curb chain, leading rein, belly band?
8. State briefly the general instructions for stable duties.
9. State the duties of No. 1 when squad parade sounds, and when marched to the guns?
10. Describe the action of the R. L. Fuze on discharge, and on striking the object.
11. Detail the general duties in action with four numbers.
12. What are the general rules for correcting elevation?
13. State the different intervals between sub-divisions, and batteries, in line.
14. State the positions of battery markers in forming line or column.
15. State the positions of the detachment in order of march.
16. State the duties of a N. C. officer in charge of a guard.

NOTE—Not more than two of the above questions to be put to each N. C. officer present at inspection. No special order of precedence to be observed and the same question not to be asked twice.

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Garrison Artillery.

OFFICERS.

Questions—(Value 4 Each).

1. Detail the "general duties" of a detachment for shifting ordnance, and the stores required for "parbuckling."
2. What are the variable forces which cause a projectile to deviate, and explain how they may be corrected?
3. Apart from the above, what are the common errors observed at practice, and general causes of inaccurate shooting?
4. Describe briefly the 15 sec. time fuze.
5. Describe the general principle of finding an unknown range by means of trial shots.
6. State what you know about gas checks, filled cartridge for 64-pr. or 40-pr. guns, common shells, boring fuzes.

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 question not to be asked twice.

N. C. OFFICERS.

Question—(Value 3 Each).

1. Explain the meaning of Dispart, Drift, Deflection.
2. Describe briefly the common shell used by your Battery for practice.
3. What fuzes may be used with common and shrapnel shell?
4. What are the general rules to be observed in laying a gun?
5. State the rules for obtaining deflection.
6. Detail the weights, filled and empty, of projectiles for 64-pr. R.M.L. or 40-pr. R.B.L.
7. What implements are required for boring and fixing fuzes and preparing shell?
8. Explain the relation of the power to the weight, in the first and second order of the lever.
9. Describe how to raise a gun on to skidding with handspikes.
10. Describe briefly the 64-pr. (conv't) R.M.L. gun or the 40-pr. R.B.L. gun.
11. What are the general rules for obtaining elevation for any range.
12. State what you know about luff-tackle, drag-ropes, grummet-wads.

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 question not to be asked twice.

D. T. IRWIN, LT.-COLONEL,

Inspector of Artillery.

CIRCULAR 17th July, 1889.

Shifting Ordnance Competition.

ISLAND OF ORLEANS, QUEBEC.

There will be Two Competitions (A) and (B).

COMPETITION A.—*Conditions.* Open to one officer or N.C. officer as No. 1, and 18 N. C. officers or gunners, selected from competing detachments of brigades. Independent batteries wishing to enter for this competition, will be required to include their firing detachment in that for shifting ordnance—but no camp allowance can be paid for other than the firing detachments.

*Rules :—*A 32-pr. S.B. gun to be dismounted down the rear on watered skids clear of the platform, taken round a post 30 feet in rear of the platform, and mounted on the carriage by parbuckling up the side ; the gun carriage is not to be moved after the gun is dismounted until the latter is mounted again, and then gun and carriage to be left in line of fire, stores clear of platform.

Mounting and dismounting to be in accordance with Drill Manual and stores as therein detailed for both operations.

From two to five seconds may be added to the time at the discretion of the umpire, for each mistake at drill or other irregularity.

Umpire's decision to be final.

Prizes will be awarded to the detachments performing the operations in the shortest total time.

COMPETITION B.—*Go as you please.* The details of this shift will be made known on the ground.

The following is a list of the stores as embraced in the details for both operations—dismounting and mounting :—

Parbuckle ropes	.....	2
Drag-ropes, heavy	.....	2
Hand-spikes, common 6 feet	.....	8
Lashings, 1 1/2 inch, 3 fathoms each	.....	4
Luff tackles	.....	2
Planks { Oak half, 4 ft. x 12 in. x 3 in.	.....	2
{ Fir whole, 10 x 17 x 3	.....	2
Roller ground, 3 ft. x 6 in.	.....	1
Scotches of sorts	.....	12
Skids, fir, 14 ft. x 8 in. x 8 in.	.....	2
Skids, oak { 3 ft. x 9 in. x 6 in.	.....	2
{ 3 ft. x 6 in. x 6 in.	.....	2
{ 3 ft. x 4 in. x 4 in.	.....	3
Selvagees	.....	2
Water bucket and brush.	.....	1

J. B. DONALDSON, Captain,
Secretary D.A.A.

*Conditions for "B" shift, as published on the ground :—*A 32-pr. gun on standing carriage to be dismantled clear of the platform and remounted on the same carriage on a new platform represented by two planks.

Same stores allowed as in shift A. The gun carriage to have all 4 trucks on the planks representing platform.

Time will be added for talking, and for damage to stores caused by improper handling.

Three detachments entered for the above competitions, viz.—one each from the Halifax, New Brunswick and Prince Edward Island Brigades.

The time taken by each detachment was as follows :—

P. E. Island Bde.,	"A" Shift, actual time.....	7' 08"
	Added.....	11
	Total.....	7 19
	"B" Shift, actual time....	4 21
	Added.....	2
	Total.....	4 23
Halifax Brigade,	"A" Shift, actual time....	7 24 ² / ₅
	Added.....	8
	Total.....	7 32 ² / ₅
	"B" Shift, actual time...	6 20 ² / ₅
	Added.....	2
	Total.....	6 22 ² / ₅
New Brunswick Bde.,	"A" Shift, actual time...	11 04
	Added.....	9
	Total.....	11 13
	"B" Shift, actual time...	9 51
	Added.....	9
	Total.....	10 00

Nominal roll of winning detachment, P. E. Island Brigade.

Sergt. Thos. Dover	Gunner John Gillis
" Wm. Connolly	" G. Scantlebury
" A. Alley	" Wm. Heartz
" Jas. Offer	" John Prouel
Corp. R. McDonald	" A. McAree
" C. Murley	" R. Beer
" W. Quigley	" D. Cameron
" J. F. Whear	" D. McLaren
Bomb. Brehaut	" Isaac Lane
	" H. R. Ramsay

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Dominion Artillery Association in account

RECEIPTS.

1889.			
Jan. 28	To Balance in Bank of Montreal, Ottawa.....	\$ 916 59	
Feb. 12	Dr Ferguson, M.P., subscription 1889.....	2 00	
20	Lt.-Colonel Turnbull, Montreal Bde., subscription 1888	2 00	
	Major Cole, " " "	2 00	
	Captain Howard, " " "	2 00	
	" Finlayson, " " "	2 00	
	Lieut. Campbell, " " "	2 00	
	Major Stewart, Ottawa Field Battery, 1888 and 1889..	4 00	
	Lt.-Col. McKenzie, Gananoque " " "	4 00	
	" Cotton, Asst. I. of A. " "	2 00	
	Captain McCrae, Guelph, 1888 and 1889.....	4 00	
	Mr. Webster, "	2 00	
	Captain Hendrie, Hamilton Fd. Battery.....	2 00	
	Major Van Wagner, " "	2 00	
	R. Myles, Esq., Toronto.....	2 00	
	A. W. Dodd, Esq., "	2 00	
	G. S. Cox, Esq., "	2 00	
	T. W. Jones, Esq., "	2 00	
	Captain Bliss, Ottawa Field Battery.....	2 00	
	Vet. Surgeon Harris, " "	2 00	
	Lieut. Hurdman, " "	2 00	
	" MacKeand, " "	2 00	
	" L. H. Irving, Toronto.....	2 00	
	W. C. Bonnell, Esq.....	2 00	
	W. Mulock, Esq., M. P.....	2 00	
	J. H. Beaty, Esq.....	2 00	
	Major Carpenter, 77th Battalion.....	2 00	
	J. Innes, Esq., M. P.	2 00	
	J. McLean, Esq.....	2 00	
	General Laurie, M. P., &c.....	2 00	
Mar. 7	Captain A. H. Van Straubenzee	2 00	
April 5	Affiliation of B. C. Bde., 4 batteries.....	24 00	
8	Lt.-Colonel Prior, A.D.C., M.P.....	2 00	
May 31	Hamilton Field Battery, affiliation.....	10 00	
July 5	Kingston " " "	10 00	
25	London " " "	10 00	
26	P.E.I. Bde., 3 batteries "	18 00	
Aug. 6	Winnipeg Field Battery "	10 00	
8	N. B. Bde., G.A., 5 batteries "	30 00	
	Major Seeley, N. B. Bde., (life membership).....	20 00	
21	Yarmouth Gar. Battery, affiliation.....	6 00	
Sept. 13	Quebec Field " "	10 00	
	Digby Gar. " "	6 00	
	Pictou " "	6 00	
25	Richmond Fd. " "	10 00	
28	Shefford " "	10 00	
	Carried forward.....	\$1164 59	

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EXPENDITURE.

Feb.	9	Woodburn, printing Annual Report, etc., 1888.....	\$ 93 75
		"Citizen," advertising Annual Meeting	2 00
	26	Seiffert, repairs to watch and cups	8 50
		G. Cox, engraving cups	7 83
		Express charges	9 90
May	4	Montreal Field Battery, aggregate prize, 1882	15 00
	13	"A" Battery, refund subscription overpaid, 1888	10 00
		Asselstine, engraving cup	1 00
June	3	Royal Military College, prize	25 00
	27	White, badges, whips, field glass, etc.....	187 48
July	4	P. E. Island Brigade, voluntary drills 1888.....	30 00
Aug.	12	New Brunswick Brigade, general efficiency, 1888	25 00
Sept.	10	" " allowance	121 50
	11	Montreal " "	67 50
	12	Halifax " "	202 50
	13	Yarmouth Battery, "	48 00
		Digby " "	48 00
		Working pay, detachment "B" Battery	109 50
		P. E. Island Brigade, allowance	114 00
		Pictou Battery, "	47 25
		Surgeon Turcot	7 50
		F. Noel, straw, etc.....	12 50
		" target-, labor, etc.....	90 95
		Pay of Staff.....	95 00
	28	Repairs to stop watch	3 00
Oct.	3	W. Chalmers, 2 stop watches	15 75
	15	Telephone service at Quebec	50 25
	16	Sundries at Island, Major Lindsay.....	68 20
		Shefford Field Battery, prizes	4 00
		Montreal " "	4 00
		Quebec " "	48 00
		Durham " "	3 00
		Kingston " "	8 00
		1st Brigade, Field Art. "	38 00
		Hamilton Field Battery "	42 00
		Welland Canal " "	4 00
		Winnipeg " "	2 00
		London " "	15 00
		Gananoque " "	3 00
		Toronto " "	7 00
		Ottawa " "	22 00
		Cobourg Garrison Bat'y "	10 00
Nov.		No. 2 Battery, G. A. Quebec, allowance	6 75
		" " prizes	17 00
		New Brunswick Brigade, G.A. "	18 00
		Halifax " "	101 00
		British Columbia " "	30 00

Carried forward..... \$1899 61

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TREASURER'S STATEMENT—*Continued.*

		<i>Brought forward</i>	\$1164 59
Oct. 1		Montreal Gar. Battery, affiliation	10 00
9		Newcastle " " "	10 00
		Major Mead, Toronto Field Battery	2 00
		Lt.-Colonel Stevenson, Montreal Fd. Battery	2 00
Oct. 16		Major Hood, No. 2 Battery 1st Bde	2 00
17		" Drennan, Kingston Field Battery	2 00
19		Lt.-Colonel Call, Newcastle " 1890	2 00
21		Hamilton Powder Co.	100 00
25		Lt.-Colonel Turnbull, Montreal Bde	2 00
Nov. 1		" Peters, London Field Battery	2 00
		Captain Williams "	2 00
		No. 1 Battery, G.A., Levis	6 00
		2 " Quebec	6 00
		Halifax Bde., 7 batteries	42 00
8		Lt.-Colonel Curren, A.D.C., Halifax Bde	2 00
		" Moore, P.E.I. Bde	2 00
		Captain Morsan, "	2 00
		" Longworth, "	2 00
		" Davison, "	2 00
		Surgeon Jenkins, "	2 00
		Lieut. Prouse, "	2 00
		Major Laurie, Montreal Bde	2 00
		" Cole, "	2 00
		Captain Ogilvy, "	2 00
		" Howard, "	2 00
		" Bissett, "	2 00
		" Finlayson, "	2 00
		" Crathern, "	2 00
		" Gregor, "	2 00
		Montreal Brigade, 6 batteries, affiliation	36 00
		Lt.-Colonel Irving, B. M., Charlottetown	2 00
		Dominion Government annual grant	900 00
		" " special for G. A. Competition	2000 00
		" B " Battery, R.S.A. affiliation	10 00
	No. 1	" 1st Bde., "	10 00
	2	" " "	10 00
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			\$4,352 59

TREASURER'S STATEMENT—Continued.

<i>Brought forward</i>	\$1899 61
Quebec Field Battery, 2nd prize driving	25 00
" " " general efficiency	25 00
P. E. Island Brigade, G. A., shifting prize, 1st	50 00
" " prizes, firing competition	103 00
Newcastle Field Battery, 3rd prize driving	15 00
Halifax Brigade, G. A., 2nd prize shifting	30 00
Newcastle Field Battery, range finding	5 00
Hamilton " "	5 00
Quebec " "	5 00
Winnipeg " "	5 00
Lt.-Col. Moore, 2nd prize officers' competition, G.A.	12 00
"B" Battery, R. S. A., prizes	21 00
Secretary-Treasurer	300 00
No. 2 Battery, 1st Brigade, drill and driving, 1st prize	35 00
No. 1 Battery, G. A., Levis, allowance	6 75
" " prizes	2 00
Woodburn, on acct. printing 1889	20 00
Postage and Telegrams	65
Army and Navy Co-operative Society prizes	14 11
Total Expenditure	\$2,579 12
Balance in Bank of Montreal	1,790 47
	<hr/>
	\$4,369 59
Deduct uncashed cheques	\$12 00
	5 00
	<hr/>
	17 00

\$4,352 59

J. B. DONALDSON, CAPT.,
Treasurer.

Examined and found correct,

Signed, J. MACPHERSON, LT.-COL. } Auditors.
F. E. KNIGHT.

OTTAWA, 21st January, 1890.

Voluntary Drills.

The names of officers, N. C. officers and men who performed 25 drills or over (as received to date) are given below. The totals are the aggregate totals of each battery, those under 25 being included. Each N. C. officer and gunner received a gold chevron as a mark of efficiency.

MONTREAL FIELD BATTERY.

Lt.-Col. A. A. Stevenson.....	34	Gunner A. Millar	25
Lieut. G. R. Hooper.....	32	" J. N. Kendall.....	30
Q.-M. Sgt. J. McG. Mowat.....	42	" W. J. Cooper.....	34
Sergt. T. Walker	30	" J. E. Turton	33
" R. J. Kendall.....	37	" J. Stewart.....	26
" J. G. Lindsay.....	25	" W. Elliott.....	26
Corpl. C. D. Turner	27	" J. F. Dubreuil.....	27
" G. W. Adams.....	26	" W. E. Wilson.....	28
" H. A. Huston.....	37	Driver F. J. Clarke.....	30
Bomb. W. J. Porteous.....	30	" J. Brown.....	25
" B. T. Holdbrook.....	39		
" W. J. Kyle	30	Total.....	811
Gunner J. Wilson	26	Less than 25 drills per man.....	505
" J. Hayes.....	25		
" J. Hall	30	Total.....	1316
" W. S. Darling.....	30	Average, 17'5.	

MONTREAL BRIGADE, GARRISON ARTILLERY.

No. 1 Battery.

Bde. Sgt. Maj. Benton	112
By. " Murdock	30
Sergt. Courtenay	69
" Matthewson	30
Corpl. Clarke.....	69
" Harper	60
" Davis	40
Bomb. Sandall.....	69
Gunner Thompson	69
" Sheldon	25
" Filer	25
Trumpeter Pendleton.....	30
Drummer Nickle.....	30
Gunner Piper.....	30
Total.....	825
Average, 18.4	

No. 2 Battery.

By. Sgt. Maj. W. E. Wilson	30
Sergt. J. Small.....	25
" J. Malsbury.....	25
" Murphy	25
Corpl. J. Poole.....	30
" R. Beatty	30
Bomb. Sage.....	27
Drummer J. Sage.....	25
Gunner J. F. Lowe.....	25
" F. G. Schneider.....	26
" J. Forbes.....	30
" J. D. Brown.....	28
" J. Morris.....	27
" C. Lamoureux.....	30
" J. Nicholls.....	26
Total.....	665
Average, 14'8.	

By. Sgt. M.
Sergt. W. A.
" Peter
" D. K.
Corpl. Arth.
Bomb. W.
Gunner W.
" W.
Corpl. Alf.
" Ha.
Gunner W.
" C.

By. Sgt. M.
Sergt. Dow.
Bomb. Hi.
Gunner S.
" S.
" C.
" C.
" C.

By. Sgt. M.
Sergt. He.
" N.
" R.
Corpl. Pi.
Bomb. Co.
" Ca.
Gunner N.

By. Sgt. M.
Sergt. W.
" A.
Bomb. W.
" J.
Gunner A.
"

MONTREAL BRIGADE, GARRISON ARTILLERY.—Continued.

No. 3 Battery.

By. Sgt. Maj. S. D. Jones.....	45	Gunner A. D. Howell.....	25
Sergt. W. A. McGuinness.....	40	Trumpeter A. Anderson.....	25
" Peter McDonald.....	43	Gunner A. Holstead.....	25
" D. K. Goodfellow.....	26	" S. Hedges.....	45
Corpl. Arthur Bell.....	26	" A. M. Bennie.....	27
Bomb. W. B. Horrie.....	25	" Dodds.....	28
Gunner Wm. Morrison.....	29	" Fred. Cooper.....	26
" Wm. Watt.....	26	" Parker.....	25
Corpl. Alfred Elvidge.....	25	S.-Sergt. James Cooper.....	27
" Hall.....	26		
Gunner W. Bartlett.....	27	Total.....	972
" C. Kermade.....	26	Average, 21'6.	

No. 4 Battery.

By. Sgt. Maj. Ward.....	40	Gunner Jones.....	29
Sergt. Dowker.....	40	" Finlayson.....	38
Bomb. Hillier.....	35	Trumpeter Hugman.....	27
Gunner Sykes.....	34	Drummer McDonald.....	27
" Smith.....	30	Gunner Bray.....	25
" C. Burton.....	30		
" Clark.....	39	Total.....	443
" Church.....	49	Average, 9'8.	

No. 5 Battery.

By. Sgt. Maj. Drysdale.....	43	Gunner Howell.....	33
Sergt. Herbert.....	25	" Woodburn.....	25
" Norris.....	43	Trumpeter Ward.....	29
" Rogerson.....	38	S.-Sergt. Ward.....	45
Corpl. Pingle.....	43		
Bomb. Cooke.....	39	Total.....	778
" Carpenter.....	35	Average, 17'3.	
Gunner Newman.....	32		

No. 6 Battery.

By. Sgt. Maj. W. E. Fegan.....	43	Gunner H. A. Field.....	25
Sergt. W. C. Fyfe.....	40	" J. Smith.....	25
" A. Fyfe.....	39	" H. McManus.....	30
Bomb. W. Allison.....	39		
" J. Gubin.....	25	Total.....	738
Gunner A. Edmunds.....	39	Average, 16'4.	
" D. Clancy.....	40		

PRINCE EDWARD ISLAND BRIGADE.

No. 1 Battery.

Capt. H. M. Davison	65	Gunner J. R. Cooke	29
Lieut. F. P. Carvell	32	" J. G. McLaine	27
" E. D. Sterns	28	" J. McLeod	37
Sergt. R. Mathewson	60	" A. McAree	63
" Wm. Connolly	27	" A. Sabine	27
Corpl. R. McDonald	31	" J. Mathewson	55
" Cephas Murley	46	" T. Goodwill	37
" Job Ward	65	" D. J. McPhee	35
Gunner Wm. Rodd	29	" W. Beers	26
" J. Proud	44	" A. McLeod	40
" J. Gillis	35	Trumpeter J. Mason	29
" E. Large	25		
" C. Acorn	30		
" Wm. Brehaut	62		
		Total	1340
		Average, 29·8.	

No. 2 Battery.

Capt. Longworth	42	Gunner Peake	28
Sergt. Dover	46	" D. Cameron	31
" Alley	35	" Carr	26
" Coffin	31	" Lane	28
Bomb. Quigley	27		
Gunner Brown	43		
" V. Beer	25		
" F. Prowse	34		
		Total	805
		Average, 16·8.	

SHORT COURSE EFFICIENCY.

"A" BATTERY, R. S. A.

1. Sgt. Alfred Thompson, Durham Field Battery .....	.93	\$12 00
2. " E. Roche, Toronto Field Battery .....	.91	8 00
3. Corpl. A. W. Mix, Ottawa Field Battery .....	.90	5 00

"B" BATTERY, R. S. A.

1. Sgt. R. Ryder, Yarmouth Garrison Battery .....	.92	\$12 00
2. " D. Goodfellow, Montreal Brigade, G. A.90	8 00
3. Gr. W. A. Keizer, Montreal Field Battery88	5 00

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Council Meeting.

MINUTES OF A MEETING OF COUNCIL HELD IN THE OFFICE OF THE INSPECTOR OF ARTILLERY, OTTAWA, AT 2 O'CLOCK P.M., ON WEDNESDAY, 5TH FEBRUARY, 1890.

Lt.-Colonel T. TURNBULL, President of the Council, in the chair.

1. The usual routine business relative to the Annual Meeting was transacted.

2. Moved by Lt.-Colonel IRWIN, seconded by Lt.-Colonel MACDONALD, "That the Council having considered the matter referred to it by the Annual General Meeting, 1889, as to payment of affiliation fees by batteries in Ontario and by the Ontario Artillery Association are of the opinion that the fees are due to the Dominion Artillery Association in accordance with Rules 3 and 20—the former, \$10.00 per Field and \$6.00 per Garrison battery, by the several batteries and the latter, \$2.50 per battery associating with it, by the Ontario Artillery Association.—Carried.

3. The Secretary explained the circumstances, so far as he was concerned, connected with the non-payment of affiliation fees as mentioned in his annual report.

The meeting adjourned.

J. B. DONALDSON, CAPTAIN,
Secretary.

Annual General Meeting.

MINUTES OF AN ANNUAL GENERAL MEETING HELD IN THE RAILWAY COMMITTEE ROOM, PARLIAMENT BUILDINGS, OTTAWA, ON THURSDAY, THE 6TH FEBRUARY, 1890.

Lt.-Colonel A. H. MACDONALD, Q.C., President of the Association, in the chair.

Present:—His Excellency Lord Stanley of Preston, Governor General, accompanied by Captain the Hon. C. Colville, Military Secretary; General Sir Fred. Middleton, C.B., K.C.M.G.; Colonel Powell, Adj. General; Colonel Panet, Dy. Minister of Militia; Lt.-Colonel D. T. Irwin, Lt.-Col. Montizambert, Lt.-Col. A. A. Stevenson, Lt.-Col. Otter, Lt.-Col. Smith, A.D.C.; Lt.-Col. Prior, M.P., A.D.C.; Lt.-Col. Macpherson, Dir. of Stores; W. Mulock, Esq., M.P.;

J. Innes, Esq., M.P. ; Dr. Ferguson, M.P. ; Lt.-Col. D. A. Macdonald, Lt.-Col. Turnbull, Lt.-Col. Peters, Lt.-Col. Dawson, Major Wright, Major Woodburn, Major King, M.D. ; Major Van Wagner, Major John Stewart, Surgeon W. R. Bell, M.D. ; Major Drennan, Captain Brock, Captain Murray, Captain Bliss, Captain Williams, Captain Finlayson, Captain Ogilvy, Captain Wicksteed, Mr. Bolté, Mr. Baby, Vet.-Surgeon Harris, Lieut. Irving, Lieut. Hooper, Lieut. Magor, Mr. Malloch, Mr. Myles, Mr. McLachlin, Mr. Ingram, Mr. Sproule, Mr. Macdonald, Mr. Mix, Mr. Genest, Lieut. Hurdman, Captain Donaldson, etc.

The President presented the Annual Report for the year 1889.

1. It was moved by Major STEWART, comdg. Ottawa Fd. By., seconded by Major Drennan, comdg. Kingston Field Battery, "That the Report for 1889 as printed and distributed be received and taken as read."—Carried.

2. Moved by Lt.-Col. TURNBULL, comdg. Montreal Bde., G.A., seconded by Lt.-Col. A. A. Stevenson, comdg. Montreal Field Battery, "That the thanks of the Association be tendered His Excellency the Governor General for his attendance at this meeting, for the continued interest he has shown in the Association, and for the valuable prizes he has donated for general efficiency."—Carried unanimously.

HIS EXCELLENCY'S REPLY.

The GOVERNOR-GENERAL, in reply, said that he was himself an eye-witness last year of some part of the work of the association. So far as he could give an opinion, the work done was extremely satisfactory, and the gun detachments he saw were smart, active, and intelligent. He hoped that the Minister of Defence, who was not present, would forgive him when he said that the only deficiency he observed was that the men had not better guns to work with. After alluding to the importance of better ordnance, he said he did not think it was expected that in a comparatively poor country they should be always endeavouring to get the latest improvements in guns, but he ventured to indicate last year the means by which the Dominion might meet the present difficulty without incurring more expense for the purchase of guns. He was sure that if the Imperial authorities were approached the guns which were mounted for Imperial defence at Halifax could be utilized. He thought the general officer would co-operate to enable gun detachments to obtain the best means of instruction with the most improved ordnance on the northern continent. He had been told that to a certain extent this mode of instruction had already been adopted. He had only to hope that this association would not relax any of its efforts in aid of artillery science. He was sure that an association such as this, representing the feeling of artillery officers in all parts of the Dominion, was able to do very much good in the permanent defence of the country. He hoped the authorities would give due consideration to representations proceeding from this organization, and that in time to come as in the past they would receive from the Government that assistance which they had a right to look for. Whether in an individual or public

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capacity, he trusted they would find him ready to do his utmost for the association. (Applause.)

3. It was then moved by Lt.-Col. A. H. MACDONALD, Q.C., comdg. 1st Bde. Field Artillery, seconded by Lt.-Col. D. T. IRWIN, Inspector of Artillery, "That the Report be adopted and the accounts as audited be passed."

The mover and seconder spoke at length in explanation of the report as to the carrying out of competitions, etc.

Lieut. L. H. IRVING moved in amendment, seconded by Major KING, comdg. Welland Canal Field Battery, "That as no Drill and Driving Competition had been settled upon by the Executive Committee, 1889, that prizes be awarded to the batteries performing this shift during 1889 upon the conditions laid down for this competition by the Executive Committee 1887." It was explained by Lt.-Colonel IRWIN that a circular stating conditions for this competition was printed and forwarded for the information of all concerned on the 30th April, 1889; this circular was based on the decision of Council subsequent to last annual meeting that no change from the conditions of 1888 was desired. The amendment on being put to the vote was lost.

It was again put in amendment by the same mover and seconder, "That as no shifting ordnance had been settled upon by the Executive Committee 1889, that prizes be awarded to the batteries performing this shift in 1889 upon the conditions laid down for this competition by the Executive Committee 1888." Explanations having been given by the Inspector of Artillery, this amendment was also negatived without division.

The original motion (No. 3) was then put and carried on division.

4. Moved by Lt.-Colonel A. A. STEVENSON, comdg. Montreal Fd. Battery, seconded by Major DRENNAN, and carried, "That the thanks of the Association are due and hereby tendered to the Hon. Sir ADOLPHE P. CARON, K.C.M.G., Minister of Militia, and to Parliament for the continued assistance given to the Association during the year 1889.

ELECTION OF OFFICERS.

5. Lt.-Col. MACDONALD moved, seconded by Lt.-Col. STEVENSON, "That General Sir FRED. MIDDLETON, C.B., K.C.M.G., Commanding the Militia, be elected President of the Association."—Carried unanimously.

Lt.-Colonel MACDONALD then vacated the chair, which was taken by the President elect, who thanked the members for the honor conferred.

The following officers were elected Vice-Presidents of the Association :

1. Lt.-Colonel A. A. STEVENSON, comdg. Montreal Field Battery.
2. " A. E. CURREN, A.D.C., comdg. Halifax Brigade, G. A.
3. " J. R. ARMSTRONG, A.D.C., comdg. New Brunswick Bde. G. A.
4. " E. G. PRIOR, A.D.C., comdg. British Columbia Bde. G. A.

6. Moved by Lt.-Colonel TURNBULL, seconded by Lt.-Col. IRWIN, "That the thanks of the Association are due to Lt.-Colonel MACDONALD, the retiring President, for the very able and efficient manner in which he had carried out his duties as President of the Association."—Carried unanimously.

Lt.-Col. MACDONALD made a suitable reply.

7. It was moved by Lt.-Col. MACDONALD, and seconded, "That the thanks of the Association are due and hereby tendered to Lt.-Col. MACPHERSON, Director of Stores, and to F. E. KNIGHT, Esquire, the Auditors for the past year, and that they be re-elected."—Carried.

8. Captain DONALDSON moved, seconded by Lt.-Col. IRWIN, "That the thanks of the Association are due and hereby tendered to the General Passenger Agents of the Grand Trunk and Canadian Pacific Railways for their kindness in granting to members attending this meeting the privilege of travelling over their respective lines at a single fare for the double journey."—Carried.

9. It was moved by Lt. Col. STEVENSON, seconded and carried, "That the thanks of the Association are due to Capt. DONALDSON for the manner in which he has performed the duties of Secretary, and that he be voted the sum of three hundred dollars as salary for the year 1890."

10. Lt.-Col. TURNBULL moved, and Lt.-Col. MACDONALD seconded, "That the report of the Council dated 5th February inst., be received and adopted."—Carried.

11. It was moved by Capt. DONALDSON in accordance with notice of motion, seconded by Major DRENNAN, "That the following be substituted for Rules 20, 21, 22 and 23 :—

"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."

Lieut. IRVING raised a point of order as to the validity of the notice of motion, it not having been published in the *Militia Gazette* in accordance with Rule 24.

The Secretary stated that every member had received individual notice on the 30th December, 1889, by circular, and that he did not consider Rule 24 other than permissive and providing a means of covering the difficulty in the event of the 21 days' notice not having been given.

The Chairman ruled that the notice of motion given was sufficient.

Lieut. IRVING then moved in amendment that the motion of which he had given notice be adopted, as it provided for this amongst other matters.

The amendment was ruled out of order, it not being an amendment to the motion under consideration.

The original motion (11) was then put and carried.

Capt. DONALDSON requested that the necessary alteration be made in Rule 6 (last sentence) and Rule 24 to prevent them conflicting as to time.

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12. It was moved by Capt. BLISS, seconded by "That Rule 24 be cancelled and the following added to Rule 6 :—" And that the notice 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 authorised to act on his behalf—so long as such paper is published."—Carried.

13. It was moved by Lt.-Colonel MACDONALD in accordance with notice of motion, seconded by Lt.-Col. TURNBULL, "That Rule 4 be amended by striking out the word "others" in line 2 and substituting the following therefor : "Officers on the active or retired list." Lieut. IRVING moved an amendment which was subsequently withdrawn and the motion carried.

14. It was moved by Lt.-Col. STEVENSON, seconded by Lt.-Col. TURNBULL, "That the Government be requested to supply each battery—field and garrison—in the Dominion with a Morris tube."—Carried.

There being no further business before the meeting, His Excellency suggested that the thanks of the meeting be tendered the President, Sir FRED. MIDDLETON, for the very able manner in which he had conducted the business of the meeting whilst in the chair. The motion carried by acclamation, the members rising.

The meeting then adjourned.

J. B. DONALDSON, CAPTAIN,
Secretary.

Council Meeting.

MINUTES OF A MEETING OF COUNCIL HELD IMMEDIATELY AFTER THE ADJOURNMENT OF THE ANNUAL MEETING.

Lt.-Colonel TURNBULL, President of Council, occupied the chair.

Present :—Lt.-Colonels Stevenson, Irwin, Montizambert, Peters and Macdonald, Majors King, Stewart, Van Wagner, Drennan, Captain Donaldson, Captain Bliss.

1. Election of officers resulted as follows :—

President—Lt.-Colonel T. TURNBULL, re-elected.

Vice Presidents—Lt.-Colonel PETERS.

Lt.-Colonel MOORE.

Major MEAD.

Major LINDSAY.

Ex.-Committee—Lt.-Colonel ARMSTRONG.

Major STEWART.

Secretary-Treasurer—Captain DONALDSON.

2. It was moved by Lt.-Colonel MACDONALD, seconded by Lt.-Colonel IRWIN, "That the Association procure and distribute copies of the Royal Artillery Manuals, Field and Garrison, at the rate of 4 copies of the former for each field, and 3 of the latter for each garrison battery.—Carried.

3. It was moved, seconded and agreed to, "That the establishment of competitions and preparation of prize list be left to the Executive Committee."

4. It was moved by Major VAN WAGNER, seconded by Major KING, "That this Council is not in favor of presenting prizes for voluntary drills."—Motion was lost.

5. Major KING moved, seconded by Major VAN WAGNER, "That competitors chosen from batteries for annual gun practice must have attended the last annual drill of their batteries."

Moved by Lt.-Col. MACDONALD, seconded by Captain DONALDSON, "That the following be added to the motion—'but any N. C. officer or man absent from annual drill by reason of his having been selected as a member of a team sent to Shoeburyness or Wimbledon may be selected as a competitor though absent from such annual drill with leave.'"—Lost, main motion carried.

It was generally expressed as an opinion that for instructional purposes the result of fire of shrapnel shell should be signalled for the information of competitors. The Inspector of Artillery pointed out that this rule had been laid down for last year, and he would remember it when drawing out the rules for this year's practice.

J. B. DONALDSON, CAPTAIN,

Secretary.

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