

ANNUAL REPORT

— OF THE —

DOMINION

ARTILLERY • ASSOCIATION

FOR THE YEAR

1886.



OTTAWA :

PRINTED BY A. S. WOODBURN, 36 ELGIN STREET.

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MAJOR-C
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Lieut.

Lieut.

Major IRV

Lieut.

Lieut.-
"

Major
"

PATRON.

HIS EXCELLENCY THE GOVERNOR-GENERAL OF CANADA,
MARQUIS OF LANSDOWNE, K. C. M. G., ETC.

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 LT.-GOVERNOR, PROVINCE OF NEW BRUNSWICK.
HIS HONOR THE LIEUT.-GOVERNOR, PROVINCE OF P.E.I.
HON. SIR A. P. CARON, K.C.M.G., MINISTER OF MILITIA.
MAJOR-GENERAL, SIR F. MIDDLETON, C.B., K.C.M.G., COM. MILITIA.
COLONEL WALKER POWELL, ADJUTANT-GENERAL.

PRESIDENT.

Lieut.-Colonel OSWALD, Commanding Montreal Bde. Gar. Art.

VICE-PRESIDENTS

Lieut.-Colonel A. A. STEVENSON, Comdg. Montreal Field Battery.
" MOWBRAY, Comdg. Bde. Gar. Art., Halifax, N.S.
" PETERS, Comdg. London Field Battery.
Major IRVING, Brigade Major, M.D. No. 12, Charlottetown, P.E.I.

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" J. R. ARMSTRONG, Comdg. New Brunswick Bde., G.A.
Major J. STEWART, Comdg. Ottawa Field Battery.
" CRAWFORD LINDSAY, Comdg. Quebec Field Battery.

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 Lt.-Colonel MACPHERSON, Director of Stores.
 " VAN STRAUBENZEE, D. A. G., Montreal.
 " LAMONTAGNE, D.A.G., Ottawa.
 " STEVENSON, Comdg. Montreal Field Battery.
 " IRWIN, Inspector of Artillery.
 " MONTIZAMBERT, Assistant Inspector of Artillery.
 " COTTON, Assistant Inspector of Artillery.
 " MOWBRAY, Comdg. Halifax Bde., G. A.
 " OSWALD, Comdg. Montreal Bde., G.A.
 " CALL, Comdg. Newcastle Field Battery.
 " GRAY, Comdg. Toronto Field Battery.
 " FAIRTLOUGH, R.A., Royal Military College.
 Major PURCELL, Comdg. No. 1 Battery, Halifax Bde., G.A.
 " MAYNE, R.E., Royal Military College.
 " NICOLL, Comdg. No. 1 Battery, 1st Bde., Field Artillery.
 " HOOD, Comdg. No. 2 Battery, 1st Bde., Field Artillery.
 " IRVING, Bde.-Major, 12th M. D., Charlottetown.
 " NASH, R. A., Royal Military College.
 " RIGG, " " " "
 " McLEAN, Comdg. Durham Field Battery.
 " TURNBULL, Montreal Bde., G. A.
 " FRANK KING, M.D., Comdg. Welland Canal Field Battery.
 " DIBBLEE, Comdg. Woodstock Field Battery.
 " LAURIE, Montreal Bde., G. A.
 Captain COLE, Montreal Brigade Garrison Artillery.
 " LEVIN, " " " "
 " STEVENSON, Montreal Brigade Garrison Artillery.
 " LULHAM, " " " "
 " LANE, " " " "
 " HOWARD, " " " "
 " DAVIDSON, R. E., Royal Military College.
 " W. BARCLAY McMURRICH, Comdg. Toronto Gar. Battery.
 " BOULANCER, Comdg. No. 2 Battery, G. A., Quebec.
 " MURRAY BOTSFORD, Comdg. No. 3 Battery, N. B. Bde., G.A.
 " CURREN, Comdg. No. 3 Battery, Halifax Bde, G. A.
 " JOLLY, Comdg. Yarmouth Battery G. A.
 " MOORE, P. E. I. Brigade, Garrison Artillery.
 " VAN STRAUBENZEE, R. E., Royal Military College.

Members (Elected).

- Major-General WIMBURN LAURIE.
 Colonel GZOWSKI, A.D.C. to the Queen.
 Lt.-Colonel the Hon. G. A. KIRKPATRICK, Speaker House of Commons.

Captain
ALEX.
Captain
"

Lt.-Colo
"
"

Lt.-Colo
Captain
Lt.-Colo
Association.

Lt.-Colo
Major H

Captain J

His Excellency
Marquis of I
His Excellency
K.C.B., K.E
The Right Hon
Lorne, K.T.
General Luard
Major-General
K.C.M.G.
Major-General
Colonel Gzows
Lt.-Col. Irwin,
" Montiz
" Oswald
A. Gilmour, Es
Lt.-Col. Price
Capt. E. Pallis
Major F. King
Field Battery
Alexander Bun

Captain E. PALLISER.
 ALEX. BUNTIN, Esq., Montreal.
 Captain McCRAE, late 1st Brigade, Field Artillery.
 " J. B. DONALDSON, Militia Department.

Executive Committee.

(*Ex-Officio.*)

Lt.-Colonel IRWIN, Inspector of Artillery.
 " MONTIZAMBERT, Asst. Inspector of Artillery.
 " COTTON, Asst. Inspector of Artillery.

(*Elected.*)

Lt.-Colonel MACDONALD, Comdg. 1st Brigade, Field Artillery.
 Captain J. B. DONALDSON, Militia Department.
 Lt.-Colonel GRAY, Comdg. Toronto Field Battery, from Ontario Provincial Association.

Auditors.

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 Major H. A. WICKSTEED, Governor-General's Foot Guards.

Secretary and Treasurer.

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

LIFE MEMBERS.

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His Excellency the Earl of Dufferin, K.C.B., K.P., etc.	Hon. H. G. Joly.
The Right Honorable the Marquis of Lorne, K.T., K.C.M.G., etc.	" Thomas McGreevy, M. P.
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Major-General Sir F. Middleton, C.B., K.C.M.G.	J. Burnet, Esq.
Major-General T. B. Strange, late R.A.	L. J. Forget, Esq.
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" Montizambert, Assistant I. of A.	Lt.-Col. Hickson.
" Oswald, Comdg. M.G.A.	John Rankin, Esq.
A. Gilmour, Esq., Ottawa.	D. L. McDougall, Esq.
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Capt. E. Palliser.	E. B. Hosler, Esq.
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	C. Cassils, Esq.
	R. A. Lindsay, Esq.
	Hugh Paton, Esq.
	Lt.-Col. A. H. Macdonald, Comdg. 1st Brigade Field Artillery.

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 George Stephen, Esq.
 Robert Benny, Esq.
 R. Moat, Esq.
 G. A. Drummond, Esq.
 M. H. Gault, Esq.

Major Crawford Lindsay, Comdg. Quebec Field Battery.
 John Hogg, Esq., Guelph.
 Chas. Raymond, Esq., Guelph.
 Lt.-Col. Cameron, Comdg. 4th Durham Artillery Volunteers, England.
 W. H. Rowley, Esq., Ottawa.

MEMBERS.

Lt.-Col. Van Straubensee, D.A.G.
 Captain Cole, Montreal Bde. G.A.
 Major Turnbull, " "
 " Laurie, " "
 Captain Levin, " "
 " Stevenson, " "
 " Howard, " "
 " Lulham, " "
 Lieut. L. Homfray Irving, Toronto G.A.
 Major Baynes.
 Captain McCrae, Guelph, Ont.
 Lt.-Col. Rowley, late Yarmouth G.B.
 " Gray, Toronto Field Battery.
 " Armstrong, comdg. N. B. Bde., Garrison Artillery.
 Captain Trotter, late Montreal G.A.
 " M. Botsford, N.B. Bde. G.A.
 " Hendrie, Hamilton Field By.
 " Boulanger, No. 2 By., Quebec Garrison Artillery.
 Major Irving, Bde. Major, Charlotte-town, P.E.I.
 Captain Moore, P.E.I. Bde. G.A.
 Lieut. Morsan, " "
 Qt.-Mr. Sergt. Maxwell, Montreal Bde., G. A.

Captain J. B. Donaldson.
 Surgeon Jenkins, P.E.I. Bde. G.A.
 Major McLean, Durham Field Battery.
 S. Jones, Esq., St. John, N.B.
 C. A. Everett, Esq., M.P., St. John, N.B.
 Captain Curren, Halifax Bde. G.A.
 J. Morris Robinson, Esq., St. John, N.B.
 C. F. Smith, Esq., Paymaster N.B. Bde.
 David S. Kerr, Esq., Q.C., St. John, N.B.
 W. H. Thorne, Esq., St. John, N.B.
 W. Chipman Drury, Esq., St. John, N.B.
 E. B. Greenshields, Esq., Montreal.
 S. Greenshields, Esq., " "
 Lt.-Col. McKenzie, Gananoque Fd. By
 " Call, Newcastle Field Battery.
 Major Dibblee, Woodstock Fd. Battery.
 Edwin Frost, Esq., St. John, N.B.
 Major Parks, " "
 Lt.-Col. A. A. Stevenson, Montreal Field Battery.
 T. C. Brainerd, Esq., Montreal.
 Major Stewart, Ottawa Field Battery.
 Captain Jolly, Yarmouth Gar. Battery.
 Edward Sears, Jr., Esq., St. John, N.B.
 Thomas W. Peters, Esq., " "

Royal Militia
 "A" Battery
 "B" Battery
 No. 1 Battery
 No. 2 " "
 London Field
 Hamilton
 Well. Canal
 Toronto
 Durham
 Gananoque
 Ottawa
 Montreal
 Shefford
 Richmond
 Quebec
 Newcastle
 Woodstock
 Winnipeg
 Montreal B.
 New Brunswick
 Halifax
 Prince Edward
 British Columbia
 No. 2 Battery
 " "
 Digby
 Yarmouth
 Toronto

LIST OF AFFILIATED BATTERIES, ETC.

Comdg. Que-	Royal Military College, Kingston, Ont.			
	" A " Battery, Reg. C. A.,	"		
	" B " Battery,	"	Quebec, Que.	
lph.	No. 1 Battery, 1st Brigade, Field Artillery, Guelph, Ont.			
4th Durham	No. 2 " " " "			
England.	London Field Battery, London, Ont.			
wa.	Hamilton " Hamilton, "			
	Well. Canal " Port Colborne, Ont.			
	Toronto " Toronto, "			
	Durham " Port Hope, "			
	Gananoque " Gananoque, "			
	Ottawa " Ottawa, "			
	Montreal " Montreal, Que.			
de. G.A.	Shefford " Granby, "			
Field Battery.	Richmond " Richmond, "			
N.B.	Quebec " Quebec, "			
St. John, N.B.	Newcastle " Newcastle, N. B.			
de. G.A.	Woodstock " Woodstock, "			
St. John, N.B.	Winnipeg " Winnipeg, Manitoba.			
ter N.B. Bde.	Montreal Brigade Gar. Artillery, Montreal, Que. (6 Batteries.)			
St. John, N.B.	New Brunswick Brigade " St. John, N. B. (5 ")			
Montreal.	Halifax " " Halifax, N. S. (7 ")			
	Prince Edward Isl. " " Charlotte'n P.E.I (4 ")			
oque Fd. By	British Columbia " " Victoria, B. C. (5 ")			
Field Battery.	No. 2 Battery Garrison Artillery, Quebec, Que.			
r Fd. Battery.	" " " " Levis, "			
hn, N.B.	" " " " Digby, N. S.			
	Digby " " " Yarmouth, N. S.			
on, Montreal	Yarmouth " " " Toronto, Ont.			
	Toronto " " " "			
treal.				
Field Battery.				
Gar. Battery.				
St. John, N.B.				
" "				



RULES OF THE ASSOCIATION.

1. That the Association be called the Dominion of Canada Artillery Association, and have for its object the development of gunnery skill, and the dissemination of Artillery knowledge throughout the Dominion of Canada.

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

3. That any Canadian Artillery or Engineer Corps, the Royal Military College Cadets, and the Artillery detachment of the North-West Mounted Police Force, subscribing not less than *ten dollars* per Field and *six dollars* per Garrison Battery, per annum, may become affiliated to this Association, and shall be entitled to a number of memberships in the proportion of one for each two dollars thus subscribed, the officers of each subscribing battery to select from amongst themselves the persons 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 at a General Meeting. The Hon. the Minister of Militia and Defence; The Hon. 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 a member of the Council.

5. The Governor-General of the Dominion, and the Lieutenant-Governors of the Provinces, shall be respectfully requested to become Patrons 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
member intending
shall forward it

7. The officers of
the Association,
Association, and
Treasurer to be
Annual General
occurring subsequent
of the Inspector
elected by the Council
after the Annual
chairman, to the
matters and the
and the arrangements
The members of
to the Council.

8. At all General Meetings
President, in his
of all the Vice-Patrons

9. At all Meetings
be decided by the Council
when the number of

10. Ordinary Meetings
immediately after

The Minutes
that purpose by the
Council.

11. Extraordinary Meetings
when required by the Council
direct, either at the
of Council, of at least
one of whom shall be
the Council at least
for the meeting and
of such meetings,
to the Secretary

12. All subscriptions
become due on the 1st
Treasurer shall be
behalf of the Association

13. Two Auditors
accounts previous

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 the carrying out of the annual competitions, appointment of umpires and the arrangement of details in connection therewith, three to form a quorum. The members of the Executive Committee to be eligible to any office and to report to the Council.

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

9. At all Meetings of Council, five shall form a quorum, all questions shall be decided by the vote of the majority, and the chairman shall have a casting vote when the numbers 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 Saving's Bank.

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

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 composing such Provincial Associations.

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.

Report

1. The target as regards distribution that the trial should be rounds so fired only; only ten that the competition increase to the number

2. It is gratifying practice show a Field Batteries. In the past year

In 1885, the average total score same conditions marked improvement

3. During the to fire from S. I. in the future should rendered unnecessary

4. The committee the selection of with more vigour lost in making a range—and from most likely to be

Actual trials purpose, and the advantages of of the greatest importance action in favor might be held during

5. The Commission in selecting competitors compete who have also respectfully advisability of it cannot be done, should be slight

Report of the Executive Committee.

1. The target practice for this year was carried out under the same conditions as regards distribution of ammunition &c. as in 1885—the only alteration being that the trial shots were fired by an officer of the battery competing, three of the rounds so fired being allowed to count towards a special competition for officers only; only ten officers entered as competitors, but the Committee are of opinion that the competition is likely to produce valuable results, and recommend an increase to the number of rounds to be so fired.

2. It is gratifying to observe that the general results of the competitive gun practice show a marked improvement in the score of 1885. In that year fourteen Field Batteries competed, making an average total score of 430 points per battery. In the past year fifteen batteries averaged $455\frac{2}{3}$ points per battery.

In 1885, twelve Garrison Batteries fired from 64 pr. R. M. L. Guns, their average total score being $90\frac{3}{4}$. In 1886 sixteen Garrison Batteries fired under the same conditions making an average total score of $120\frac{1}{4}$ —a very considerable and marked improvement.

3. During the past year only two Garrison Batteries were necessarily obliged to fire from S. B. Guns, and it is hoped that arrangements may be made so that in the future such comparatively useless expenditure of ammunition may be rendered unnecessary.

4. The committee regret that their previous recommendation with regard to the selection of suitable ranges for gun practice in Ontario was not carried out with more vigour and research. They are still of opinion that no time should be lost in making a careful examination of the most likely localities for a central range—and from the configuration of the lake shore it is believed that this is most likely to be found between Scarborough and Whitby.

Actual trial has shown that the range at Port Colborne is suitable for the purpose, and that the range at Port Hope might possibly be made so, but the advantages of one central range are so numerous as to render this question one of the greatest importance, and the attention of the Association is directed towards action in favor of a central camp for all Field Batteries, so that gun practice might be held during the period of annual drill.

5. The Committee consider it advisable that greater care should be exercised in selecting competitors for gun practice, and that no man should be allowed to compete who has not shown a certain proficiency in squad and gun drills. They also respectfully recommend for the consideration of the proper authorities the advisability of increasing the number of rounds allowed for practice, or if this cannot be done, then that the number of competitors from each Field Battery should be slightly reduced.

SECRETARY'S REPORT.

SIR,—I have the honor to submit the Annual Report of the Secretary and Treasurer for the consideration of Council before publication, as directed in Rule 16.

In addition to the usual information with reference to the competitions which were carried out during the year, a statement has been added to the report showing the batteries which have won Cups in the Association Competitions during successive years, as also nominal lists of the three teams sent from Canada to take part in the National Artillery Association's Competitions at Shoeburyness, and a list of the Field and Garrison Batteries in the order, as fixed by lot, in which they are to furnish representatives to future teams.

In addition to the Royal Military College and 2 Royal Schools of Artillery, 16 Field Batteries and 33 Garrison Batteries—representing upwards of 3,000 men stationed in every Province of the Dominion—affiliated with the Association during the year; this was the greatest number of affiliations in any one year since the formation of the Association.

It was thought in the early part of the year that it would be necessary to reduce the prize list which had been drawn up and offered for competition at home, in order to meet the expense of sending the team to England, and the share of this Association towards the cost of the Londonderry Cup, but the circulars which were sent out by the President of the Association soliciting subscriptions met with such a liberal response that sufficient funds were obtained to meet all obligations entered into by the Association.

His Excellency the Governor-General again showed the warm interest taken by him in Artillery matters by offering 3 Cups for competition—2 for general efficiency of Field and Garrison Batteries and one for Shifting Ordnance at Shoeburyness.

The following gentlemen having contributed *twenty* dollars, or upwards, to the funds of the Association are eligible for election to the position of life members of the Association in accordance with Rule 2, viz:—

S. Jones, Esq., St. John, N. B.	W. J. Buchanan, Esq., Montreal.
Chas. E. Everett, Esq., M. P., St. John.	A. T. Patterson, Esq., “
Capt. Boulanger, No. 2 By., Que. G.A.	Hugh McLennan, Esq., “
C. F. Smith, Esq., Paymaster N. B. Bde. G. A.	Andrew Allan, Esq., “
E. B. Greenshields, Esq., Montreal.	George Hague, Esq., “
S. Greenshields, Esq., “	R. R. Grindley, Esq., “
Lt.-Col. Armstrong, Comdg. N. B. Bde. G. A.	J. Penfold, Esq., “
Capt. J. B. Donaldson, Mil. Dept.	Henry W. Darling, Esq., Toronto.
Dr. Brainerd, President Hamilton Powder Co.	Robert Gil, Esq., Montreal.
C. F. Smithers, Esq., Montreal.	Thomas Workman, Esq., “
	George W. Stephens, Esq., “
	Jacques Grenier, Esq., “
	Edward Murphy, Esq., “

The following gentlemen who are already life members donated additional subscriptions as follows :—

Lt.-Col. Oswald, President of the Association.....	\$100	Robert Hamilton, Esq., Quebec ..	\$20
Lt.-Col. Montzambert, Assistant I. of A.....	50	Lt.-Col. Macdonald, President of Council.....	25
		R. B. Angus, Esq., Montreal.....	25

The names of all contributors with amounts subscribed by each will be found in the Treasurer's statement at end of report.

The report of the Commandant of the Shoeburyness team is published as an Appendix.

It is suggested that additional rules be added to those now existing to make provision for the insurance of all Cups—the property of or held by the Association—as also for the custody of Cups, the property of or held by the Association and not offered for competition.

The accounts duly audited will be found at end of report.

The whole respectfully submitted,

J. B. DONALDSON, CAPTAIN,
Secretary and Treasurer.



Cups Com

Presented by
highest number
—Won by Ottawa

- 1880 No. 2 Batt
- 1881 No. 2
- 1882 No. 1
- 1883 Quebec F
- 1884 No. 1 Batt
- 1885 Montreal

Presented by
2 Battery, P. E.

- 1882 No. 1 Batt
- 1883 No. 1
- 1884 No. 2
- 1885 No. 2

Firing Com
property of any b
Oswald, comman
Stewart, comman

- 1884 Welland C
- 1885 Montreal

Firing Comp
as No. 3. Pres
Artillery. Won

- 1883 No. 1 Batt
- 1884 Welland C
- 1885 No. 2 Batt

ated additional

Quebec .. \$20
resident of
..... 25
Montreal..... 25

h will be found

ublished as an

isting to make
by the Associa-
the Association

PTAIN,
and Treasurer.

Cups Competed for in the Association Competitions.

1. GENERAL EFFICIENCY FIELD BATTERIES.

Presented by His Excellency the Governor-General to Battery making highest number of points for General Efficiency during the year (see table)
—Won by Ottawa Field Battery, Major Stewart, commanding.

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.

2. GENERAL EFFICIENCY GARRISON BATTERIES.

Presented by His Excellency, same conditions as 1 (see table)—Won by No. 2 Battery, P. E. I. Bde., Capt. Moore commanding.

WON IN PREVIOUS YEARS BY:—

- 1882 No. 1 Battery, P. E. Island Brigade.
- 1883 No. 1 " " "
- 1884 No. 2 " " "
- 1885 No. 2 " " "

3. 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 Lt.-Col. Oswald, commanding Montreal Bde. G. A. Won by Ottawa Field Battery, Major Stewart, commanding.

WON PREVIOUSLY BY:—

- 1884 Welland Canal Field Battery.
- 1885 Montreal " "

4. MONTIZAMBERT CHALLENGE CUP.

Firing Competition Field Artillery Province of Ontario. Same conditions as No. 3. Presented by Lt.-Col. C. E. Montizambert, Assistant Inspector of Artillery. Won by the Ottawa Field Battery, Major Stewart, commanding.

WON PREVIOUSLY BY:—

- 1883 No. 1 Battery, 1st Brigade.
- 1884 Welland Canal Field Battery.
- 1885 No. 2 Battery, 1st Brigade.

5. GZWOSKI CHALLENGE CUP.

Shifting Ordnance, Field Batteries—To be the property of any battery winning it 2 years in succession. See report. Presented by Colonel Gzowski, Staff Officer Engineer Force, A. D. C. to the Queen. Won by the Durham Field Battery, Major McLean, commanding.

WON PREVIOUSLY BY:—

- 1884 Quebec Field Battery.
1885 Kingston Field Battery.

6. MONTREAL CHALLENGE CUP.

For competition with 40 pr. guns—To be the property of any Battery winning it twice in three successive competitions. Won in 1884 at Island of Orleans by English detachment and in 1886 at Shoeburyness by Canadian detachment.

7. QUEBEC MERCHANTS' CHALLENGE CUP.

For competition with 64 pr. guns—To be the property of any Battery winning it twice in three successive competitions. Won in 1884 by No. 3 Battery, Halifax Brigade G. A., Captain Curren, and not since competed for.

Names of
Association of
Shoeburyness.

Commandant—
Adjutant—Cap.
No. 1.—Sergeant
Gent. Cadet (S)

“
Bombdr. Beers,
Corpl. Strange,
Gunner Saunde
Sergeant Hastin

“ March
“ McInt
“ Price,

Corporal Mason,
“ Turner

Bombdr. Moser,
Sergeant Swanson

“ Boutillie
“ Hibbins,
“ Lemoine

Corporal Lowrie,
Bombdr. Maxwell.

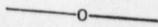
“ Coffin, G
Prize Won—

Shifting Ordnance

Commandant—Lt.-
Adjutant—Major S
No 1.—Staff-Sergeant
Gent. Cadet (Sergt.)

“
Corporal Hunter, “
Gunner Chartrè,
S. Sergt. Kerley, “ B
Bombdr. Gauthier, “

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.

1881 Team.

Commandant—Lt.-Colonel 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, Que. "
 " 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 Battery.
 " Boutillier, Halifax Brigade, Garrison Artillery.
 " Hibbins, Montreal "
 " Lemoine, No. 2 Battery Gar. Artillery, Quebec.
 Corporal Lowrie, Halifax Brigade Garrison Artillery.
 Bombdr. Maxwell, " " "
 " Coffin, Gaspé Garrison Battery.
 Prize Won—Cup presented by the Rt. Hon. Marquis of Lorne, K. T., for Shifting Ordnance competition, "go as you please."

1883 Team.

Commandant—Lt.-Colonel Macdonald, commanding 1st Bde. Field Arty., Guelph.
 Adjutant—Major Short, "B" Battery, R. S. A.
 No 1.—Staff-Sergeant Lyndon, "B" By. "
 Gent. Cadet (Sergt. Major) Nanton, R. M. College.
 " Von Iffland "
 Corporal Hunter, "A" Battery, R. S. A.
 Gunner Chartrè, " "
 S. Sergt. Kerley, "B" "
 Bombdr. Gauthier, " "

Sergt. Major Young, 1st Brigade Field Artillery.
 " Maltby, Newcastle Field Battery.
 Quarter-Maste Sergeant Williams, London Field Battery.
 Sergeant Dunnett, Ottawa Field Battery.
 " Wilmot, Kingston "
 " Huot, Quebec "
 " Methot, No. 2 Battery, Gar. Artillery, Quebec.
 " Dawson, Montreal Brigade, Gar. Artillery.
 " Scott, " "
 " Ward, " "
 " Gibson, " "
 " Russell, Cobourg Battery, Garrison Artillery.

Corporal Offer, P. E. I. Brigade, Garrison Artillery.
 " Drysdale, Montreal Brigade, Garrison Artillery.

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

1886 Team.

Commandant—Lt.-Colonel Armstrong, commanding N. B. Brigade, Gar. Artillery.

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

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

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

" " Newcombe, "

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

Gunner D'Amour, " "

" Michaud, "B" Battery "

Sergt. Major Doyle, Richmond Field Battery.

" Good, Woodstock, "

" Stewart, Montreal, "

" Case, London, "

Corporal Jeffrey, Welland Canal "

" Henderson, Durham "

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

" Seeley, Yarmouth Garrison Battery.

Sergeant Pratt, New Brunswick Brigade, Garrison Artillery.

" Eisner, Halifax Brigade, Garrison Artillery.

Corporal Ward, Toronto Garrison Battery.

" 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 competitor.

Roster (cho
 representatives
 Artillery Associ
 The followi
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"That the r
 team be determin
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 battery have the
 appear on the ros
 which fails to sen
 the list again bef
 be taken from a b
 be placed at the b
 shall lose its right
 discretion of the c

1. Durham.
2. Welland.
3. Richmond.
4. Woodstock.
5. London.
6. Quebec.
7. Montreal.
8. No. 2 By., 1st
9. Toronto.

The committe
 competitors are to b
 following permanen
 not less than five ba
 and then that these
 places on the roster
 their names placed o
 affiliation. The roste

1. Halifax Brig
2. Montreal Brig
3. New Brunswi
4. P. E. Island I
5. Toronto Batte
6. No. 2 Battery
7. British Colum

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 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 has not affiliated. Batteries hereafter organized to be placed at the bottom of the list. A battery sending a man subsequently rejected shall lose its right for that year only, and a substitute may be selected at the discretion of the committee of selection.

- | | |
|------------------------|-------------------------|
| 1. Durham. | 10. Winnipeg. |
| 2. Welland. | 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 will 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 Bgde, | | 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. |

ANNUAL REPORT, 1886.

Competitive Gun Practice.

The following is a detail of the ammunition allowed for competition—*vide* General Order No. 17, 1886.

FIELD BATTERIES.

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

Sixteen competitors to be selected by the officer commanding the Battery, from the best instructed N. C. officers and men, to fire three rounds each, viz:—

1 Common Shell, percussion fuze	16
2 Shrapnel " time fuzes	32
Trial Shots—Common Shell, percussion fuze	2
Total	50

The above rounds to be fired deliberately, and the result of each signalled from the range (about 1,500 yards.)

The eight competitors making the highest scores in above practice to fire four rounds each, viz:—

3 Common Shell, percussion fuzes	24
1 Shrapnel " time fuze	8
Trial Shots—Common Shell, percussion fuze	2
Total	34

Total rounds per Battery 84

The target, for the latter competition, to be the same as that used in the preliminary practice. Trial shots to be fired by an officer of the competing Battery.

GARRISON BATTERIES.

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

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

1 Common Shell, plugged	8
1 Shrapnel " time fuze	8
Trial Shots—Common Shell, plugged	2
Total	18

The above
signalled from
The four
rounds each, v
2 Com
1 Shrap

When 40-p
competitor will
1 Com
2 Shrap
Trial Sh

And in the sub
3 Com
1 Shrap

In the final
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Where S. B.
No badge wil
possible score.

Officers are no
the result of each

The prizes of
individual scores w
or competitive pra
efficiency competit

It is to be und
credited with full r

The trial shots
competitive purpos
at commencement o
competitive practice

PRIZE LIST.

ROYAL MILITARY COLLEGE.

FIRING COMPETITION.

Badges as for a Field Battery.
Field Glass, value

\$ 25 00

ROYAL SCHOOLS OF ARTILLERY.

FIRING COMPETITION.

9-pounder, R. M. L. Guns.

Aggregate		\$16 00	
Individual		8 00	
Badges as for Field Batteries.			

64-pounder, R. M. L. Guns.

Aggregate		8 00	
Individual		8 00	
Shifting Ordnance			
		25 00	65 00

FIELD BATTERIES.

FIRING COMPETITION.

9-pounder, R. M. L. Guns.

Aggregate Scores—1		\$30 00	
2		20 00	
3		15 00	
4		10 00	75 00
Individual Scores— 1 at \$15			
2 " 10		20 00	
3 " 8		24 00	
3 " 5		15 00	
4 " 4		16 00	
5 " 3		15 00	
10 " 2		20 00	125 00

SHIFTING ORDNANCE COMPETITION.

1—Gzowski Challenge Cup and		\$30 00	
2		20 00	
3		10 00	60 00

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

Aggregate Score

Individual Score

Aggregate Score

Individual Score

Individual Score

1st Prize

2nd "

3rd "

One first prize
Batteries competing

To Field and

Cup, value \$

GARRISON BATTERIES.

FIRING COMPETITION.

64-pounder, R. M. L. Guns.

Aggregate Scores—1	.. .. .	\$20 00	
2	.. .. .	10 00	
		<hr/>	
Individual Scores—1 at \$15	.. .. .	\$15 00	30 00
2 " 10	.. .. .	20 00	
2 " 8	.. .. .	16 00	
3 " 6	.. .. .	18 00	
3 " 5	.. .. .	15 00	
3 " 4	.. .. .	12 00	
2 " 2	.. .. .	4 00	
		<hr/>	

40-pounder, R. B. L. Guns.

Aggregate Score	.. .. .		100 00
Individual Scores—1 at \$15	.. .. .	\$15 00	15 00
1 " 10	.. .. .	10 00	
1 " 8	.. .. .	8 00	
2 " 5	.. .. .	10 00	
2 " 4	.. .. .	8 00	
2 " 2	.. .. .	4 00	
		<hr/>	

Or at the rate of TEN Dollars per Battery.

SMOOTH BORE COMPETITION.

Individual Scores—1 at \$10	.. .. .	\$10 00	
2 " 8	.. .. .	16 00	
2 " 5	.. .. .	10 00	
2 " 4	.. .. .	8 00	
2 " 3	.. .. .	6 00	
5 " 2	.. .. .	10 00	
		<hr/>	

Or at the rate of TEN Dollars per Battery.

SHIFTING ORDNANCE COMPETITION.

1st Prize..	.. .. .	\$30 00	
2nd "	.. .. .	20 00	
3rd "	.. .. .	10 00	
		<hr/>	

One first prize if only 4 Batteries or under compete; two prizes if only 5 Batteries compete, and three prizes if 6 Batteries compete.

GENERAL EFFICIENCY.

To Field and Garrison Battery making highest total points
Cup, value \$75, presented by His Excellency the Governor General.

25 00

65 00

75 00

125 00

60 00

s in succession.

VOLUNTARY DRILLS.

Highest average attendance, Field or Garrison	\$20 00	
Second " " " "	10 00	\$ 30 00

Badges same as last year.

OFFICERS COMPETITION.—9-pounder, R. M. L. Guns
Entrance fee One Dollar.

1st prize, value	\$10 00
2nd " "	5 00

SUMMARY OF PRIZES AWARDED.

ROYAL MILITARY COLLEGE COMPETITION.—6-Pr., R. B L GUNS.
Sergt. G. S. Bowie, 33 points, Field Glass, value.....\$25 00

ROYAL SCHOOLS OF ARTILLERY.—9-POUNDER, R. M. L. GUNS.
Aggregate Score—"A" Battery.....\$16 00
Individual Score—Gr. Rousseau, "A" Battery, 39 points 8 00

64-POUNDER, R. M. L. GUNS.
Aggregate Score—"A" Battery..... 8 00
Individual Score—Sergt. Bridgeford, "A" Battery..... 8 00

FIELD BATTERIES.—9-POUNDER R. M. L. GUNS.

AGGREGATE SCORES.

	Points.	
1. Ottawa Battery	575	{ Oswald Challenge Cup. Montizambert Challenge Cup. \$30 00 20 00 15 00 10 00
2. No. 1 Battery, 1st Brigade	561	
3. Welland Canal Battery	536	
4. Shefford Battery	518	

INDIVIDUAL SCORES.

Rank and Name.	Battery.	Points.	Time.	\$	c.
1. Bomb. Cowan	Ottawa	39	4' 39"	15	00
2. Corpl. Knowles	No. 1, 1st Bde	38	3' 52"	10	00
3. Sergt. McMahon	Durham	35	4' 00"	10	00
4. Gunner Gray	Ottawa	35	4' 55"	8	00
5. Sergt. Ingram	"	35	4' 57"	8	00
6. Q.-M.-Sergt. Mereweather	No. 2, 1st Bde	35	5' 14"	8	00
7. Gunner McKellar	Gananoque	34	4' 00"	5	00
8. " Wright	Winnipeg	34	5' 43"	5	00
9. Corpl. Neely	Shefford	33	3' 00"	5	00
10. Sergt. Kendall	Montreal	33	3' 53"	4	00
11. Bomb. Clow	Shefford	33	4' 20"	4	00
12. Sergt. T. Bennett	Toronto	33	5' 43"	4	00

- Rank and Name
- 13. Gunner
 - 14. Bomb. A
 - 15. Gunner C
 - 16. " F
 - 17. Bomb. K
 - 18. Sergt. P
 - 19. " Cr
 - 20. Gunner P
 - 21. Trumpr. C
 - 22. Bomb. Be
 - 23. " M
 - 24. Sergt. Ho
 - 25. Corpl. Ha
 - 26. Gunner N
 - 27. Trumpr. C
 - 28. Gunner R

64-
1st Aggregate
2nd "

Sergt. D'Agnea
" Dowker,
Gr. L'Herault,
Corpl. Dery,
" Morrow,
Gunner Davis,

1st Aggregate,
2nd "
3rd "

Gunner Dymock
" Anderson
" Stewart,
Sergt. Gamble,
Gunner Parkman
" Skinner,
" Miller,
Corpl. Corbett,
Sergt. Richardson,

INDIVIDUAL SCORES—Continued.

Rank and Name.	Battery.	Points.	Time.	\$ c.
13. Gunner A. Russell.....	Newcastle	32	4' 39"	4 00
14. Bomb. Atkinson.....	Hamilton.	32	5' 00"	3 00
15. Gunner Gagnier.....	Toronto.....	31	3' 41"	3 00
16. " Parker.....	No. 2, 1st Bde ...	31	4' 05"	3 00
17. Bomb. Keyworth.....	Montreal.....	31	4' 46"	3 00
18. Sergt. Pinkerton	Ottawa.....	31	4' 49"	3 00
19. " Cross	No. 1, 1st Bde ...	31	4' 55"	2 00
20. Gunner Proux	Quebec	30	5' 00"	2 00
21. Trumpr. Crites.....	Hamilton.....	29	5' 07"	2 00
22. Bomb. Beckwith	Newcastle	29	5' 46"	2 00
23. " McCormick.....	Welland Canal ...	29	5' 50"	2 00
24. Sergt. Hodgson.....	Shefford	28	4' 00"	2 00
25. Corpl. Haddon	No. 2, 1st Bde ...	28	4' 12"	2 00
26. Gunner Nealy	Shefford	28	4' 30"	2 00
27. Trumpr. Orr.....	Hamilton.....	28	4' 36"	2 00
28. Gunner Ritchie	No. 1, 1st Bde ...	28	5' 01"	2 00

GARRISON BATTERIES.

64-POUNDER, R. M. L. GUNS—LAND RANGE (5 BATTERIES.)

1st Aggregate, No. 2 Battery, Quebec, 150 points.....	\$10 00
2nd " No. 4 " Montreal Bde., 119 points.....	5 00

INDIVIDUAL SCORES.

Sergt. D'Agneau, No. 2 Battery, Quebec.....	Points.	Time.	\$ c.
" Dowker, " 4 " Montreal Bde ...	32	5' 40"	10 00
Gr. L'Herault, " 2 " Quebec.....	21	5' 25"	6 00
Corpl. Dery, " 1 " Levis ..	19	5' 50"	4 00
" Morrow, " 4 " Montreal Bde ...	19	8' 05"	4 00
Gunner Davis, " 1 " " ...	16	5' 58"	3 00
	16	6' 20"	3 00

WATER RANGE.

1st Aggregate, No. 4 Battery, Halifax Brigade, 180 points	\$20 00
2nd " No. 5 " P. E. I. " 161 "	15 00
3rd " No. 7 " Halifax " 159 "	10 00

INDIVIDUAL SCORES.

Gunner Dymock, No. 3 Battery, Halifax Brigade..	Points.	Time.	\$ c.
" Anderson, " 1 " N. B. " ..	31	6' 01"	10 00
" Stewart, " 5 " P. E. I. " ..	25	5' 28"	8 00
Sergt. Gamble, " 4 " Halifax " ..	23	3' 20"	8 00
Gunner Parkman, " 5 " P. E. I. " ..	23	5' 00"	6 00
" Skinner, Yarmouth Battery	22	3' 47"	6 00
" Miller, No. 3 Battery, P. E. I. Brigade...	22	6' 00"	5 00
Corpl. Corbett, " 4 " Halifax " ...	21	4' 28"	5 00
Sergt. Richardson, " 4 " N. B. " ...	20	4' 38"	5 00
	20	5' 20"	4 00

INDIVIDUAL SCORES—Continued.

				Points.	Time.	\$	c.		
Corpl. Stewart,	"	5	" P. E. I.	" . . .	19	2'	04"	4	00
Sergt. Carr,	"	7	" Halifax	" . . .	19	4'	10"	4	00
Gunner Aitken,	"	1	" P. E. I.	" . . .	19	5'	40"	4	00
Corpl. Manuel,	"	4	" Halifax	" . . .	19	6'	20"	3	00
Gunr. Faulkner,	"	6	" "	" . . .	19	6'	50"	3	00
" Milberry,	"	1	" "	" . . .	18	7'	15"	3	00
" Byers,	"	2	" "	" . . .	17	5'	15"	3	00
" Purcell,	"	1	" "	" . . .	17	6'	15"	3	00
Sergt. Spencer,	"	6	" "	" . . .	17	7'	15"	2	00
Corpl. Moore,	"	2	" P. E. I.	" . . .	16	4'	51"	2	00
Sergt. Vanhorn,	Yarmouth Battery				16	5'	00"	2	00
Gunr. Boswell,	No. 1 Battery, P. E. I. Brigade . . .				16	5'	22"	2	00
Sergt. Laidlaw,	No. 7 " Halifax " . . .				16	6'	50"	2	00

40-POUNDER, R. B. L. GUNS.

1st Aggregate, Toronto Battery, 237 points	10	00
2nd " No. 3 Battery, Montreal Brigade, 178 points	4	00

INDIVIDUAL SCORES.

Sergeant-Major Spence, Toronto Battery, 31 points	10	00
Corporal Connor, " " 22 "	6	00
Gr. R. Brennan, 3 Batt., Montreal Bde., 21 "	4	00
Bomb. Rogerson, 5 " " " 19 "	3	00
Gunner Small, 2 " " " 18 "	3	00

SMOOTH BORE GUNS.

Sergeant Archer, Cobourg Battery, 36 points	5	00
" Russell, " " 33 "	3	00
Bomb. Campbell, " " 27 "	2	00

OFFICERS' COMPETITION.

1st Captain Murchison, No. 1 Battery, 1st Brigade, 18 points.	13
2nd " Emery, Woodstock Field Battery, 13 "	

Major Coutlee, of Winnipeg Field Battery, made a total of 13 points also—the tie was decided by the points gained for direction which stood Captain Emery 5, Major Coutlee 4.

RETURN of E
Prize Winn

Military District.	NAME
	OF
	BATTERY.

RO

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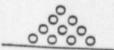
ROYA

3	"A" Battery
7	"B" Battery

3	"A" Battery
7	"B" Battery

1	London
	No. 1 By. 1st Bde. Guelph.
	No. 2 By. 1st Bde. C
	Welland Canal
	Hamilton

COMPETITIVE GUN PRACTICE.



RETURN of Batteries affiliated during the year 1886, showing the Guns used, Scores of Prize Winners, etc.

Military District.	NAME OF BATTERY.	RANK AND NAME OF SUCCESSFUL COMPETITOR.	TIME		PRIZES AWARDED.	BATTERY SCORE.			REMARKS.
			Minutes.	Seconds.		Preliminary.	Final.	Aggregate.	

ROYAL MILITARY COLLEGE.—6 Pr. R. B. L. GUNS.

3		Serg. G. S. Bowie..	33	4 55	Field Glass and Silver Cross Guns.....				Umpire—Lt.-Col. Cotton, Assist. I. of A.
		Serg. R. B. Jack....	32	4 10	Emb'd cross guns.....				
		Co. S. Maj. A. Adams	32	4 12	"				
		Cdt. M. J. Murphy..	30	5 40	"				
		Serg. A. E. Panet..	24	6 07	"	300	204	504	

ROYAL SCHOOLS OF ARTILLERY.—9 Pr. R. M. L. GUNS.

3	"A" Battery.....	Gr. Rousseau.....	39	5 31	Silver cross guns and \$8				Umpire—Lt.-Col. Irwin, I. of A.
		Sgt.-Major Stroud..	32	6 30	Embroidered badge...				
		Gr. Chamard.....	31	5 35	"				
		Gr. Hague.....	31	8 37	"				
		Bomb. Pearson.....	29	7 28	"			239	
7	"B" Battery.....	Bomb. Burns.....	36	7 01	Silver cross guns.....				198
		Dr. Daoust.....	32	6 50	Emb'd "				
		Corpl. Willis.....	30	5 20	"				
		Dr. Willis.....	28	6 12	"				
		Dr. Clements.....	28	6 30	"				

64-32 Pr. R. M. L. GUNS.

3	"A" Battery.....	Sgt. Bridgeford..	40	6 10	\$8.00			109	Umpire—Lt.-Col. Irwin, I. of A.
7	"B" Battery.....							97	

FIELD BATTERIES—9 Pr. R. M. L. GUNS.

1	London.....	Sgt. Case.....	24	4 33	Badge silver cross guns.	301	119	420	Preliminary— 16 Competitors. 3 Rounds each. Final— 8 Competitors. 4 Rounds each. Umpire—Lt.-Col. Cotton, Assist. I. of A.
No. 1 By. 1st Bde. Guelph.	Corpl. Knowles...	38	3 52	Badge silver cross guns and \$10.....					
	Sgt. Cross.....	31	4 55	Emb'd badge and \$2..					
	Gr. Ritchie.....	28	5 01	"					
	Bomb. McCutcheon	27	4 48	"					
	Sgt. McIntosh.....	27	5 27	"	342	219	561		
No. 2 By. 1st Bde.	Q. M. Sgt. Merewether.....	35	5 14	Badge silver cross guns and \$8.....					
	Gr. Parker.....	31	4 05	Emb'd badge and \$3..					
	Corpl. Haddon.....	28	4 12	"					
	Sgt. Hood.....	27	3 25	"					
	Sgt.-Maj. Simpson	23	6 33	"	302	180	482		
Welland Canal....	Bomb. McCormick	29	5 50	Badge silver cross guns and \$2.....					
	Corpl. Clifford....	24	5 20	Embroidered badge...	375	161	536		
Hamilton.....	Bomb. Atkinson..	32	5 00	Badge silver cross guns and \$3.....					
	Trump'tr Crites...	29	5 07	Emb'd badge and \$2..					
	Trump'tr Orr.....	28	4 36	"	288	183	471		

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Competitive Gun Practice—Continued.

Military District.	NAME OF BATTERY.	RANK AND NAME OF SUCCESSFUL COMPETITORS.	TIME		PRIZES AWARDED.	BATTERY SCORE.			REMARKS.
			Minutes	Seconds		Preliminary.	Final.	Aggregate.	
FIELD BATTERIES—9 PR. R. M. L. GUNS—Concluded.									
	Toronto	Sgt. T. Bennett...	33	5 43	Badge silver cross guns and \$4.....				Preliminary— 16 Competitors. 3 Rounds each.
		Gr. Gagnier.....	31	3 41	Emb'd badge and \$3...	243	151	304	
		Corpl. Ryan.....	23	4 10	"				
	3 Durham	Sgt. McMahon.....	35	4 00	Badge silver cross guns and \$10.....				Final— 8 Competitors. 4 Rounds each.
		Bomb. Hamilton..	24	4 23	Embroidered badge....	267	146	413	
	4 Gananoque	Gr. McKellar.....	34	4 00	Badge silver cross guns and \$5.....				Umpire—Lieut.- Col. Cotton, Asst. I. of A.
		Sgt. Knight.....	26	3 50	Embroidered badge....				
		Sgt. Montague....	25	5 20	"	284	148	432	
	Ottawa.....	Sgt. Leaky.....	23	5 00	"				
		Bomb. Cowan.....	39	4 39	Badge silver cross guns and \$15.....				Umpire—Lt.-Col. Montizambert, Assist. I. of A.
		Gr. Gray.....	35	4 55	Emb'd badge and \$8...				
		Sgt. Ingram.....	35	4 57	"	372	203	575	
		Sgt. Pinkerton....	31	4 49	"				
	5 Montreal.....	Sgt. Kendall.....	33	3 53	Badge silver cross guns and \$4.....				Umpire— Captain Farley, "B" Bat- tery.
		Bomb. Keyworth..	31	4 46	Emb'd badge and \$3...	299	185	484	
		Corpl. Henney....	23	4 52	"				
	Shefford.....	Corpl. Neely.....	33	3 00	Silver badge, cross guns and \$5.....				
		Bomb. Clow.....	33	4 20	Emb'd badge and \$4.....				
		Sgt. Hodgson.....	28	4 00	"				
		Gr. Neely.....	28	4 30	"				
		Gr. Seale.....	24	4 39	"	321	197	518	
	7 Quebec.....	Gr. Proux.....	30	5 00	Badge silver cross guns and \$2.....				Umpire—Lt.- Col. Montizambert, Assist. I. of A.
		Sgt. E. Marche- terre.....	27	4 39	Emb'd badge and \$2...	296	141	437	
		Gr. A. Russell... Bomb. Beckwith.. Sgt. C. Smallwood Sgt. W. H. Small- wood	32 29 25 25	4 39 5 46 5 30 5 38	Badge silver cross guns and \$4..... Emb'd badge and \$2... "	269	173	442	
	8 Woodstock.....	Gr. Plummer.....	23	4 00	Badge silver cross guns	211	119	330	
	10 Winnipeg.....	Gr. Wright.....	34	5 43	Badge silver cross guns and \$5.....				Umpire—Lt.-Col. Irwin, Assist. I. of A.
		Sgt. Thompson....	26	6 00	Embroidered badge ...	216	124	340	

GARRISON BATTERIES—64-32 PR. R. M. L. GUNS.

5 No. 1 By., Mont- real Bde.	Gr. Davis.....	16	6 20	\$3.00.....	33	40	73	Land Range.
No. 4 By., Mont- real Bde.	Sgt. Dowker.....	21	5 25	Badge, silver cross guns [and \$6				
	Corpl. Morrow....	16	5 58	\$3.00.....	66	53	119	
No. 6 By., Mont- real Bde.	.....			.....	56	26	82
				
7 No. 2 By., Quebec.	Sgt. D'Agneau....	32	5 40	S'lvr cross guns and \$10	78	72	150	
	Gr. L'Herault....	19	5 50	Emb'd badge and \$4...				
No. 1 By., Lev	Corpl. Dery.....	19	8 05	Silver cross guns and \$4	58	47	105	

Military District.	NAME OF BATTERY.
G	No. 1 By., N. B.
	No. 2 By., "
	No. 3 By., "
	No. 4 By., "
	No. 5 By., "
9	No. 1 By., Hfx. I.
	No. 2 By., "
	No. 3 By., "
	No. 4 By., "
	No. 5 By., "
	No. 6 By., "
	No. 7 By., "
	Yarmouth By....
	Digby Battery....
12	No. 1 By. P. E. I Bde
	No. 2 By., "
	No. 3 By., "
	No. 5 By., "
G	No. 2 By., Mont- real Bde.
G	No. 3 By., Mont- real Bde.
B	No. 5 By., Mont- real Bde.
C	2 Toronto.....

Competitive Gun Practice—Concluded.

Military District.	NAME OF BATTERY.	RANK AND NAME OF SUCCESSFUL COMPETITOR.	TIME		PRIZE AWARDED.	BATTERY SCORE.		REMARKS.
			Minutes.	Seconds.		Preliminary.	Final.		Aggregate.

GARRISON BATTERIES—64-32 PR. R. M. L. GUNS—Concluded.

8	No. 1 By., N.B. Bde	Gr. Anderson	25	5 28	Silver cross guns and \$8	60	46	106	These Batteries fired over a water range—batteries being placed as for smooth bore guns with distances in feet instead of yards.
	No. 2 By., "	Corpl. Wetmore	16	8 10	"	86	56	142	
	No. 3 By., "				(No Final)	80			
	No. 4 By., "	Sgt. T. Richardson	20	5 20	Silver cross guns and \$4	100	44	144	
	No. 5 By., "					45	35	80	
9	No. 1 By., Hfx. Bde	Gr. Milberry	18	7 15	Silver cross guns and \$3				
		Gr. Purcell	17	6 15	Embr'd badge and \$3.	60	46	106	
	No. 2 By., "	Gr. Byers	17	5 15	Silver cross guns and \$3	90	37	127	
	No. 3 By., "	Gr. Dymock	31	6 01	"	10	91	53 144	
	No. 4 By., "	Sgt. Gamble	23	5 00	"	6			
		Corpl. Corbett	20	4 38	Emb'd badge and \$5...				
		Corpl. Mannel	19	6 30	"	3..	106	74 180	
	No. 5 By., "				(No Final)	49			
	No. 6 By., "	Gr. Falkner	19	6 50	Silver cross guns and \$3				
		Sgt. Spencer	17	7 15	Emb'd badge and \$2..				
		Corpl. Marshall	15	6 15	"				
	No. 7 By., "	Sgt. Carr	19	4 10	Silver cross guns and \$4	78	65	143	
		Gr. Laidlaw	16	6 50	Embr'd badge and \$2..	107	52	159	
	Yarmouth By....	Gr. Skinner	22	6 00	Silver cross guns and \$5				
		Sgt. Vanhorn	16	5 00	Embr'd badge and \$2.	42	47	89	
	Digby Battery....	Gr. C. Daley	16	7 00	Silver cross guns....				
		Gr. Craig	15	5 00	Embroidered badge...	79	47	126	
12	No. 1 By. P.E.I Bde	Gr. Aitken	19	5 40	Silver cross guns and \$3				
		Gr. Boswell	16	5 22	Embr'd badge and \$2..	27	51	78	
	No. 2 By., "	Corpl. Moore	16	4 51	Silver cross guns and \$2	16	35	51	
	No. 3 By., "	Gr. Miller	21	4 28	" and \$5	72	48	120	
	No. 5 By., "	Gr. Stewart	23	3 20	"	8			
		Gr. Parkman	22	3 47	Emb'd badge and \$6...				
		Corpl. Stewart	19	2 04	"	4..	82	79 161	

GARRISON BATTERIES—40 PR. R. B. I. GUNS.

5	No. 2 By., Montreal Bde.	Gr. Small	18		\$3.00	50	127	177	Number of rounds allowed not fired.
	No. 3 By., Montreal Bde.	Gr. Brennan	21		\$4.00	59	119	178	
	No. 5 By., Montreal Bde.	Br. Rogerson	19		\$3.00				
2	Toronto	Sg. Maj. Spence	31		Silver cross guns & \$10				
		Corpl. Connor	22		Emb'd badge and \$6..	164	73	237	

DRIVING COMPETITION.

NAMES OF DRIVERS WHO WERE AWARDED BADGES OF CROSS WHIPS.

" A " Battery, R. C. A.	Bomb. W. Kinsley. Driver P. Corbett.
" B " " "	Bomb. Keough. Driver S Smith.
London " "	Driver G. Clumpitt.
No. 1 " 1st Brigade.	" W. Claypole.
" 2 " "	" J. Foster.
Hamilton " "	" J. Boles.
Welland Canal Battery.	" Hawes.
Toronto " "	" Anderson.
Durham " "	" William Smith.
Gananoque " "	" J. Nevel.
Ottawa " "	" Phillips.
Montreal " "	" Moyer.
Richmond " "	" Page.
Shefford " "	" Spriggs.
Quebee " "	" Bray.
Newcastle " "	" Patton.
Woodstock " "	" Termant.
Winnipeg " "	" King.
	" Gray.
	" Johnstone.
	" H. Convery.
	" F. Keyworth.
	"
	"
	" F. Letarte.
	" H. Bordeleau.
	" John Sullivan.
	" James Bryenton.
	"
	"
	Bomb. Alex. Norquay.
	Driver Enoch Knowlton.

FIELD BATTERIES—9 PR. R. M. L. GUNS.

Credits Awarded each Battery for General Efficiency.

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FIELD BATTERIES—9 PR. R. M. L. GUNS.

Credits Awarded each Battery for General Efficiency.

NAME OF BATTERY.	OFFICER COMMANDING BATTERY.	INSPECTING OFFICER.	ANSWERS TO QUESTIONS												TOTAL.							
			Full Credits.	Horses.		Harness and Harnessing.		Marching Past.		Stg. Gun Drill, Position & gen. Duties.		Officers.		N. C. Officers.		Field Manœuvres.		Sword Drill by Mtd Officers and N. C. O.		Dismounted & Disabled Ordnance.		Discipline, including Camping Details.		One-fifth Total Score at Competitive Practice.
Ottawa Field Battery.	Major Stewart.		12	12	12	15	28	40	48	16	8	12	12	10	115	206.0						
No. 1 Battery, 1st Prov. Bde.*	Major Nicoll.	Lt.-Col. Cotton	10	10	9	14	20	38	37	14	5	10	10	112.2	292.2							
Montreal Field Battery.	Lt.-Col. Stevenson.	"	9	10	10	15	21	30	42	14	6	10	10	96.8	284.8							
Quebec	Major Lindsay.	Lt.-Col. Montizambert.	11	12	9	15	26	29	37	12	6	10	12	87.0	281.4							
Hamilton	Major Van Wagner.	"	10	11	10	14	15	25	30	14	5	12	12	94.2	279.7							
Welland Canal	Major Frank King, M.D.	Lt.-Col. Cotton	11	9	11	15	22	30	45.5	13	4	10	10	107.2	276.7							
No. 2 Battery, 1st Prov. Brigade	Major Hood.	"	7	10	10	14	20	29	38.5	14	3	10	10	96.4	276.4							
Newcastle Field Battery.	Lt.-Col. Call.	"	10	8	10	15	22	29	44	13	4	10	10	90.8	241.8							
London	Lt.-Col. Peters.	Lt.-Col. Montizambert.	9	12	10	12	12	25	20	19	10	10	10	84.0	240.0							
Woodstock	Major Dibblee.	Lt.-Col. Cotton	8	10	11	14	20	24	29	14	4	10	10	66.0	233.0							
Sheffield	Lt.-Col. Amyrauld.	Lt.-Col. Montizambert.	8	10	12	12	14	20	26	14	5	10	10	103.6	232.6							
Toronto	Lt.-Col. Gray.	"	8	7	9	8	12	24	27	9	15	10	10	78.8	229.8							
Gananoque	Lt.-Col. McKenzie.	Lt.-Col. Cotton	10	8	9	13	14	20	28	12	7	10	10	86.4	221.4							
Durham	Major McLean.	"	9	9	9	12	10	16	30	23	12	4	1	82.6	219.6							
Winnipeg	Major Coutlee.	Lt.-Col. Irwin.	8	8	10	12	12	20	14	29	12	4	8	68.0	158.0							
Richmond	Major Hon. H. Aylmer.	Lt.-Col. Montizambert.	9	4	8	10	18	11	24	4	15	12	8	12	8							
Kingston	Captain Drennan.	Lt.-Col. Cotton	9	10	10	12	23	13	24	15	12	2	2	2	2							
			8	8	8	12	10	20	23	25.5	12	8	8	8	8							

* Lt.-Colonel Macdonald, Commanding Brigade.

† Did not carry out annual practice.

NOTE.—The Batteries in Ontario were not examined in Dismounting and Disabled Ordnance, and were not, therefore, awarded credits under this head. Some of them are consequently placed at a slight disadvantage.

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GENERAL EFFICIENCY COMPETITIONS.

For Tables of Credits see pages 33 and 34.

The following questions, formulated by Lt.-Col. Irwin, Inspector of Artillery, were issued by the Department as those to be asked by the Inspecting Officer at inspection, and are those for which the credits as recorded in the tables were given.

OFFICERS—FIELD ARTILLERY.

QUESTIONS—(VALUE, 5 EACH.)

1. What additional elevation will be required to increase the range by 50 yards, at 1,200 and 1,900 yards range, and how much must the elevation be diminished in order to alter the point of impact from the top to the bottom of the target at 1,100 yards?
2. Detail the "Duties after a march" in the "General Instructions for Drivers."
3. What are the variable forces acting on a projectile, and how may they be compensated for?
4. Describe generally under what circumstances you would use a common shell and with what fuzes.
5. State the detail for :—
 - (a). Replacing a damaged wheel.
 - (b). From line to change front to rear when at diminished intervals.
 - (c). In line limbered up to change front on a central subdivision.
 - (d). From column of division to wheel into line, from the Hait.
- 6.
- 7.
- 8.

N. C. OFFICERS—FIELD ARTILLERY.

QUESTIONS—(VALUE, 2 EACH.)

1. Describe the sighting of the 9-pounder, R. M. L. Gun.
2. State the rule for obtaining length of fuze.
3. Detail the fuze and shell implements.
4. What is the difference between the 15-sec. and 5-sec. fuze?
5. Describe briefly the Shrapnel shell.
6. Describe briefly the service cartridge.
7. What fuzes can be used with Shrapnel shell?
8. What is the rule for deflection when one wheel is higher than the other?
9. —When the wind is blowing across range.
10. What quantity of ammunition can be carried by one gun and wagon?
11. Describe how the off limber box is packed.
12. What articles of camp equipment are carried by one sub-division complete?

13. Describe how the drag shoe is used.
14. Define wheeling—Taking ground—and Shoulders Forward.
15. What are the rules for fitting side rein, and leading rein?
16. --For fitting crupper—girth and surcingle.
17. Detail instructions for Drivers on command "Action Front."
18. Detail the rules for markers.
19. Detail duties of gun detachment at "Front limber up."
20. Define the meaning of Windage—Dispart—Angle of Elevation.
21. State the different intervals between sub-divisions in line.
22. State the different intervals between sub-divisions and divisions in columns.
23. What are the general duties of Nos. 1 when off parade?
24. State the general duties of the Quarter-master Sergeant.

OFFICERS OF GARRISON ARTILLERY.

QUESTIONS—(VALUE, 5 EACH.)

1. Give a clear and concise description of the gun used by your Battery for practice.
2. Detail the general duties of a detachment at shifting ordnance.
3. What are the constant forces acting on a projectile, in the bore of a gun, and during its flight? State briefly their effect.
4. What are the differences between the 5-sec. and the 15-sec. Fuzes?
5. What are the general rules for obtaining elevation and length of Fuze, for the gun used by your Battery for practice?
6. Describe a drag rope, parbuckle rope, luff tackle, grummet wad, friction tube.

N. C. OFFICERS OF GARRISON ARTILLERY.

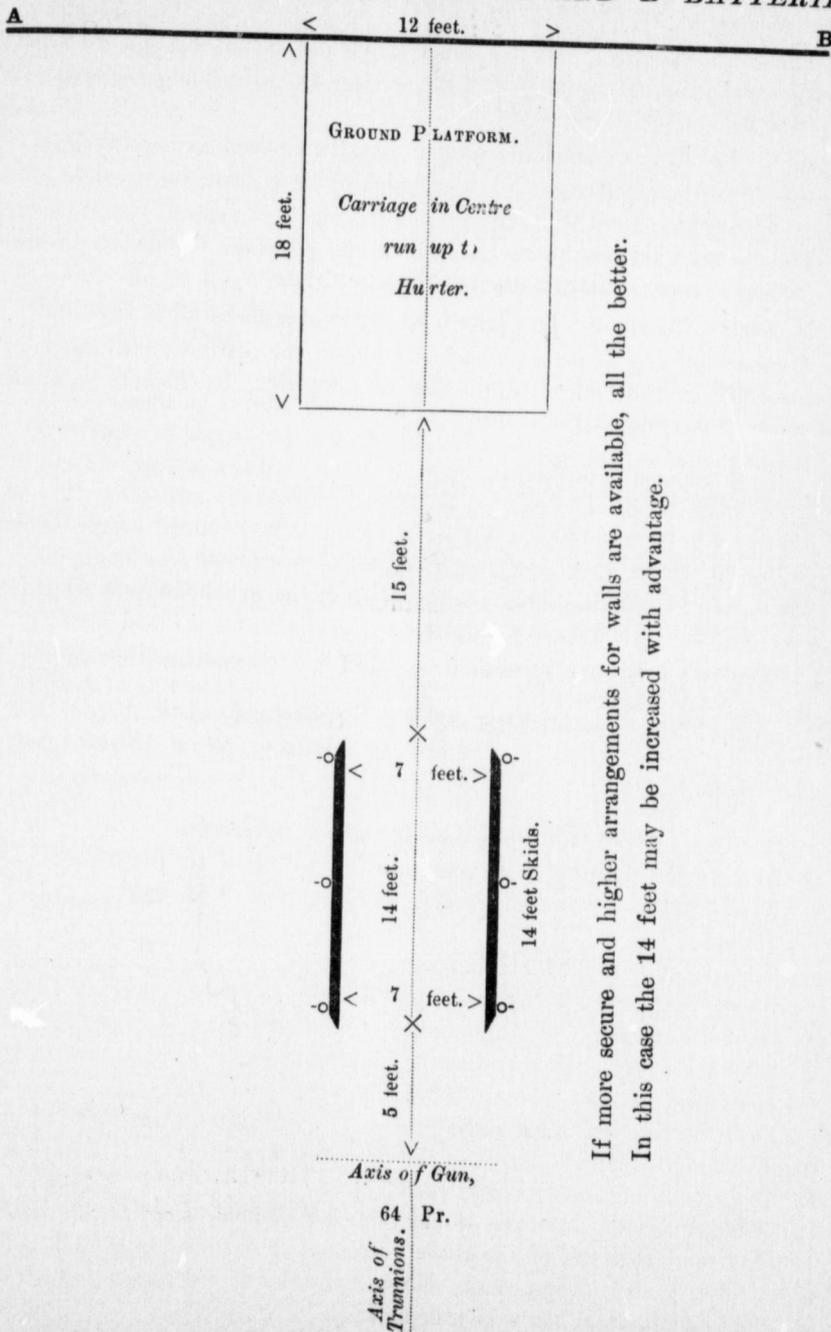
QUESTIONS—(VALUE, 2 EACH.)

1. Describe a handspike, a drag rope, a luff tackle.
2. Describe the sighting of the gun used by your Battery for practice.
3. What implements are required for boring and fixing fuzes and preparing shell?
4. What are the rules for obtaining length of Fuze?
5. What classes and descriptions of gunpowder are used by your Battery?
6. Define the meaning of Angle of elevation, Quadrant angle—Deflection.
7. State the weights, filled and empty, of the projectiles used at gun practice.
8. Describe how time fuzes are bored and fixed.
9. Describe the service cartridge.
10. What are the general duties of the Sergeant Major?
11. Describe briefly the Shrapnel shell.
12. When and with what fuzes would you use Common instead of Shrapnel shell?

N.-C. Officer present at inspection. No special order of precedence to be observed, and the same question not to be asked twice.

SHIFTING ORDNANCE COMPETITIONS.

ROYAL SCHOOLS OF ARTILLERY—"A" AND "B" BATTERIES.



If more secure and higher arrangements for walls are available, all the better.
 In this case the 14 feet may be increased with advantage.

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 practice.
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 o be observed,

Two baulks about 14 feet long to be placed as above to represent a passage 7 feet wide, 15 feet from rear of platform.

The baulks to be secured by pickets outside.

The gun to be on skidding with its axis 5 feet from entrance to passage, trunnions on medial line.

The gun to be placed on a temporary sleigh and taken through the passage on rollers and mounted up the side of the carriage by parbuckling, *the same skids that formed the sleigh being used.*

As the baulks represent walls, no man is to be allowed to step over them or to work from outside them. No handspike, roller or skid to be at any time allowed to project beyond their line.

The umpire to use his discretion and enforce penalties for breach of above rules or for *moving* the skids with the rollers or sleigh.

No part of the gun can be allowed to project over the skids at any time.

The carriage may be placed in any position on the platform but must be left in centre and run up to hurter, stores clear of platform. No man to be allowed in advance of the line A-B.

Regulation stores allowed.

Everything to be done strictly according to book.

Penalties to be enforced by umpire for mistakes and for any number, except No. 1, talking unless it may be necessary to avoid an accident.

N. B.—In building the sleigh, the *position* of the gun is *not to be altered, till the sleigh is finished* and the rollers placed.

Any question that may arise to be decided by the umpire at the time.

(Signed) S. G. FAIRTLOUGH, LT.-COLONEL, R. A.
Professor of Artillery, Royal Military College.

KINGSTON, 22-10, '86.

ACTUAL TIME IN PERFORMING THE OPERATION.

"A" Battery	16' 18½"
"B" "	15' 32½"
Difference	46"
Add for errors in drill to	
"A" Battery	2"
"B" "	13"
Final difference	11"
	35"

(Signed) D. T. IRWIN, LT.-COLONEL,
Inspector of Artillery, Umpire.

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Hamilton ...
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Richmond ...
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Woodstock ...
London ...
Winnipeg ...
Toronto ...
Shefford ...
Newcastle ...
Umpire

FIELD BATTERY COMPETITION.

FOR GZOWSKI CUP, &C.

Conditions.

Nine-pounder gun and limber, four horses. Detachment 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. Right-wheel. Forward. Left shoulders. Forward. Right-wheel. Forward. Left shoulders. Forward. Left incline. Halt.

The gun to be taken round two pickets, each 20 yards from the leaders, and 20 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 30 yards distant, and 6 feet 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 sec. to be added to total time.

For any faults or mistakes in drill as judged by Umpire—2 secs. to be added for each.

Umpire's decision to be final. No appeal.

RESULT OF THE COMPETITION.

BATTERY.	ACTUAL DATE.	ACTUAL TIME.		TIME ADDED FOR TOUCHING PICKETS AND DRILL.	CORRECTED TIME.		REMARKS.
		Min.	Sec.		Min.	Sec.	
Durham	17-9-'86	1	53		1	55	Gzowski Cup and \$30.00 \$20.00. 10½00.
Montreal	30-8-'86	1	58½	2	2	00½	
Ottawa	2-7-'86	2	03	5	2	08	
Quebec	15-7-'86	2	04½	5	2	09½	
Gananoque	2-7-'86	2	11		2	11	
No. 2, 1st Brigade	29-6-'86	2	08		2	12	
Hamilton	14-9-'86	2	09½	5	2	14½	
Kingston	17-9-'86	2	09	15	2	24	
Richmond	6-7-'86	2	21½	5	3	26½	
No. 1, 1st Brigade	29-6-'86	2	25½	2	2	27½	
Woodstock	24-6-'86	2	58	7	3	05	
London	28-6-'86	3	21	9	3	30	
Winnipeg		3	20	10	3	30	
Toronto							*No. 1 was ruled out— detachment did not com- pete.
Shefford							Did not compete.
Newcastle							do

Umpires—Lt.-Col. Irwin, Lt.-Col. Montizambert and Lt.-Col. Cotton.

GARRISON BATTERIES.

Conditions.

A 24-pounder or 32-pounder, S. B. Gun, vent downwards.

1.—To be placed on two 6'' x 9'' x 3' skids on same ground.

2.—To be slewed vent uppermost } on same skids, which only are to be used

3.—To be charged end for end }

4.—To be mounted on Garrison Standing Carriage by parbuckling up two skids, and lowered into the trunnion holes. Carriage may be placed in position when required.

5.—To be dismounted over opposite side by parbuckling down two skids.

6.—To be replaced in exactly the same position as originally placed, *i. e.*, on ground, vent down. Carriage not to be displaced after gun is mounted.

Every operation in mounting and dismounting to be conducted in accordance with drill manual.

Two seconds to be added for mistakes at drill.

Detachment to consist of 1 N.-C. Officer, and 18 men for 50 cwt. guns—two additional men for guns over 50 cwt.

Detachment performing operation in shortest time (as corrected) to be declared the winner.

Stores—as for parbuckling, except drag ropes, viz.:—

Handspikes, Common, 6 feet.....	8
Parbuckle ropes, 4½'' 12 or 18 fathoms ...	2
Scotches	12
Skids, fir, 14' x 8'' x 3''.....	2
“ Oak, 3' x 9'' x 6''.....	2
“ “ 3' x 6'' x 6''.....	2
“ “ 3' x 4'' x 4''.....	3

Only two batteries competed. No. 3 Battery, Halifax Brigade, and No. 2 Battery, P. E. I. Brigade.

The Reports of the Umpires are as follows :—

HALIFAX, N. S., December 30th, 1886.

SIR:—I have the honor to report that I attended as Umpire at the competition of No. 3 Battery, Halifax Garrison Artillery, in Shifting Ordnance. The drill was carried out strictly in accordance with the circular of Dominion Artillery Association for 1886.

The time taken was 5 minutes 5 seconds, to which I have added for a mistake at drill 2 seconds, making a total of 5 minutes 7 seconds.

I have the honor to be, sir,

Your obedient servant,

(Signed) GRAHAM, CAPTAIN, R. A.

To the Officer commanding }
Halifax Garrison Artillery. }

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From Lieutenant Macdougall to Captain Donaldson, Secretary D. A. A.
 CHARLOTTETOWN, P. E. I., December 29th, 1886.

SIR,—Having been requested to act Umpire in the Shifting Ordnance Competition by the Brigade Major of the District, I have the honor to report as follows :—

No. 2 Battery (Captain Moore) of the P. E. I. Provisional Brigade of Garrison Artillery competed on the 28th instant. The gun used was a 24-Pounder 50 cwt. Number of men—1 N.-C. Officer and 18 Gunners. Time 3 minutes and 12 seconds (3 12''). No errors in drill.

I satisfied myself that the men of the detachment were *bona fide* members of the Battery. The enclosed memorandum contains the names of the men of the detachment.

I have the honor to be, sir,

Your obedient servant,

(Signed) E. MACDOUGALL, LIEUT., Retired List,
Umpire.

ROLLS OF DETACHMENTS.

No. 3 BATTERY, HALIFAX BRIGADE.

- | | |
|------------------------|----------------------|
| 1. Sergeant Lourie. | 10. Gunner Wetherby. |
| 2. Gunner J. Courtney. | 11. " Dimoch. |
| 3. " D. McDonald. | 12. " S. Courtney. |
| 4. " Heathcote. | 13. " Kemp. |
| 5. " G. Chapman. | 14. " Spence. |
| 6. " L. Forrester. | 15. " Symonds. |
| 7. Sergeant S. Case. | 16. " Morgan. |
| 8. Corporal Gordon. | 17. " Fader. |
| 9. Sergeant West. | 18. " Carmichael. |
| | 19. " Mitchell. |

No. 2 BATTERY, P.E.I. BRIGADE.

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|----------------|----------------|
| Sergeant Dover | Gunner McLaren |
| " Down | " Ramsay |
| " Moore | " Lane |
| Corporal Allen | " Prowse |
| " McLeod | " Musick, S. |
| Gunner Cameron | " Perry |
| " Coffin | " Cox |
| " Quigley | " Whear |
| " Henry | " McFarlane |
| " Harper | |

Winning Battery—No 2 Battery, Prince Edward Island Brigade.

No. 1 BATTERY, P. E. ISLAND BRIGADE.—Continued

Gunner Carpenter.....	42	Gunner Scott.....	26
“ Steel.....	28	“ Bolger.....	17
“ Turner.....	25	“ Robinson.....	35
“ Murley.....	41	“ Gillespie.....	29
“ Blake.....	21	“ W. Heartz.....	11
“ Hooper.....	26	“ Heustis.....	10
“ Finlayson.....	30	“ Turner.....	11
“ Rose.....	31	“ Davies.....	32
“ Carter.....	28		
“ Vaughan.....	39		
“ Proud.....	41	Total.....	1,084
		Average.....	27.7

No. 2 BATTERY, P. E. I. BRIGADE.

Captain Moore.....	54	Gunner L. F. Hodgson.....	27
Lieut. Longworth.....	33	“ Cox.....	26
“ Bell.....	32	“ P. Musick.....	45
Sergeant Dover.....	56	“ L. Prowse.....	48
“ Down.....	34	“ McLaren.....	49
“ Moore.....	54	“ J. Bell.....	24
Corporal Alley.....	48	“ Henry.....	43
“ McLeod.....	46	“ Ramsay.....	42
“ McNeill.....	24	“ F. Prowse.....	28
Gunner Harper.....	34	“ Hyde.....	44
“ McFarlane.....	30	“ H. Crockett.....	40
“ Smallwood.....	18	“ McDonald.....	39
“ L. Musick.....	21	“ Hodgson.....	44
“ F. Crockett.....	36	“ Cameron.....	32
“ Matheson.....	24	“ Lane.....	33
“ Yates.....	46		
“ H. Coffin.....	33	Total.....	1299
“ Mitchell.....	28	Average.....	33.3
“ L. Coffin.....	54		
“ Whear.....	30		

FIELD ARTILLERY.

No. 1 BATTERY, 1ST BRIGADE.

Sergeant-Major W. Snyder.....	32	Gunner B. Tripp.....	30
Sergeant W. Cross.....	32	Trumpeter P. O'Neil.....	28
Quarter-Master Sergeant J. Ogg.....	29	Gunner J. Goar.....	30
Sergeant J. McIntosh.....	28	“ T. Simmonds.....	20
O. R. Sergeant H. Guthrie.....	28	Trumpet Major W. Dyson.....	27
Sergeant C. Armstrong.....	29	Gunner B. Shaw.....	27
“ H. Boles.....	25	“ T. Sallows.....	27
Corporal J. Crowe.....	32		
“ T. Connors.....	29	Total.....	
“ W. Knowles.....	32		
“ A. Cormack.....	30		
Bombardier J. McOutcheon.....	31		
“ J. Holly.....	29		
Gunner T. Hinds.....	29		
“ R. Ritchie.....	27		

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No. 2 BATTERY, 1ST BRIGADE.

Sergeant-Major J. Simpson	26	Gunner J. Austin	30
Quarter-Master Sergt. H. Thatcher.	27	" T. McFarlane	30
" " " J. McIntosh	27	" A. Parker	30
F. Sergeant J. Anderson	26	" J. Brown	27
Sergeant R. Brown	30	" R. Donaldson	27
" J. Newstead	27	" P. Carlow	30
" Merryweather	30	" T. Johnston	30
" A. Hood	26	" J. Smith	30
Corporal J. Watson	30	" F. Atkinson	31
" D. Hadden	27	" T. Price	36
Gunner T. Bigby	27	" J. Taylor	36
" R. Notman	36	" A. B. Wilmot	32
" W. Power	36	" W. Nelles	36
" R. Stewart	32	" F. W. Heacock	35
" G. Harcourt	37	" H. A. Morgan	33
" R. Soule	37	" E. G. McCallum	32
" S. Harrison	36	" G. C. Creelman	36
" W. Robson	32	" J. A. Hart	38
" W. B. Rowen	32	" J. S. Howes	39
" J. S. Raydon	35	" J. Gilbert	32
" W. J. Palmer	34	" B. E. Patterson	33
" S. P. Brown	36		
" B. Sharman	33		
" L. F. Thompson	31		
		Total	

Highest Average—No. 2 Battery, P.F.E. I. Brigade.
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Report of Canadian Shoeburyness Team.

Sir—I have the honor to present to you my Official Report of the Canadian Shoeburyness, 1886, Artillery Detachment under my command, being the third sent from Canada to compete at the annual meeting of the Volunteer Artillery of Great Britain.

Profiting by the experience of the officers commanding previous teams, Lt.-Colonel Oswald and Lt.-Colonel Macdonald who gave me every aid and assistance, the following was adopted as the standard of members of the team: Minimum height 5 feet 8½, minimum chest 36 inches, weight between 160 and 200 pounds, age between 22 and 35 years. I am convinced that the standard was none too high.

With the exception of the R. M. C. and "A" and "B" Batteries R. C. A., no corps was entitled to send more than one man, and therefore each Brigade of Garrison Artillery and nine independent Batteries besides the R. M. C. and "A" and "B" Batteries, in all seventeen corps were represented.

The members of the Detachment were ordered to report at the Citadel, Quebec, on the 1st July. I joined them on the following day.

Staff Sergeant Cornish "A" Battery R. C. A. was selected as No 1, and the Detachment was making rapid progress under him, when an unfortunate accident occurred while at repository exercises, which temporarily injured Sergeant Cornish to such an extent as to confine him to hospital, until after the team had sailed.

Besides this, other changes had subsequently to be made in the personnel of the Team, in consequence of men not being up to the standard.

It was a matter of the greatest surprise to me that in some cases, officers commanding corps were anything but careful in the selection of the one man they were privileged to recommend as their representative on the Team. In one case a C. O. sent a man who had in 1883 been rejected by the Surgeon, for want of intelligence, and I much regretted that this man was passed on the second occasion. Where so much depends upon the combined intelligence, activity and knowledge of each member of the detachment, as is the case in repository exercises, and gun practice, one incompetent person will jeopardise the success of all.

Our time at Quebec was fully occupied in squad drill, manual exercises, gun drill and repository exercises, including one day's firing at the Island of Orleans.

When all the changes in the Team had been completed, which was not until three days before we sailed, the detachment consisted of the following:

Lient.-Col. Armstrong, (in command).....	N. B. Bde. G. A.
Captain Drury, (Adjutant).....	"A" Battery R. C. A.
Gentlemen Cadet W. G. Yorston.....	R. M. College.
" " J. N. Newcomb.....	"
Staff-Sergeant Gaffney.....	B. Battery, R. C. A.

Sergeant-Major	Plummer.....	B. C. Bde. G. A.
"	Seeley.....	Yarmouth G. A.
"	Doyle.....	Richmond F. B.
Sergeant	Eisner.....	Halifax Bde. G. A.
"	Pratt.....	N. B. Bde. G. A.
"	Stewart.....	Montreal F. B.
"	Case.....	London F. B.
"	Good.....	Woodstock F. B.
Corporal	Bell.....	Montreal Bde. G. A.
"	McLeod.....	P. E. I. Bde. G. A.
"	Jeffrey.....	Welland F. B.
"	Ward.....	Toronto G. A.
"	Henderson.....	Durham F. B.
"	Simard.....	No. 2 Battery, Q. G. A.
Bombardier	Bridgeford.....	"A" Battery, R. C. A.
Gunner	D'Amour.....	" "
"	Michaud.....	"B" Battery, R. C. A.

On the 22nd July having been finally inspected by Lt.-Colonel Montizambert R. C. A., Assistant Inspector of Artillery, who had shown us all many kindnesses and indulgences, we were played by the Band of "B" Battery, R. C. A. on board the steamship "Vancouver," Captain Lyndon, Dominion Line, and steamed off for Liverpool.

The Dominion Line liberally fulfilled a liberal contract, and did much more than they originally agreed on.

We were fortunate in having as fellow passengers, Sir Adolphe Caron, K. C. M. G., Minister of Militia, Colonel Oswald, commanding Montreal Garrison Artillery, Doctor Sewell, "B" Battery, R. C. A., and Captain Lane, Montreal Garrison Artillery. The latter officer voluntarily attached himself to the detachment, accompanying us to Shoeburyness, and while there acted as supernumerary officer to the Team.

During the voyage the team were kept in uniform, and except on one or two rough days, daily drill was performed, such as squad drill, manual and firing exercises, mounting guard and relieving sentries, tugs of war, &c.

We landed at Liverpool early on Saturday morning the 31st July, and were met by Major Clay, 8th Lancashire, V. A., who besides rendering other assistance accompanied us to the London and North-Western Depot, and aided us in obtaining a liberal extension of the usual limit for volunteer return tickets.

We arrived at London about 2 p. m., and were there met by Lieut. C. M. Hodgson, 2nd Middlesex, V. A., and Quarter Master Sergeant Garrard, 3rd Middlesex Volunteer Artillery, who showed us every attention, furnished us with carriages and conducted us to the London Tavern, where we found an excellent dinner provided for us.

Starting soon after by train for Shoeburyness, we arrived there about 6 p. m., and were met at the station and played into camp by the Band of the Royal Artillery.

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From the entrance into the camp grounds, to our own quarters, the road was lined with volunteers, who greeted us with the most hearty and continuous cheers, making us feel at once that we had indeed arrived at "Home."

In front of our own quarters, we were addressed and welcomed by Colonel the Earl of Limerick, the President of the National Artillery Association, and afterwards by Colonel Lewis, R. A., Camp-Commandant.

The members of the detachment were soon being entertained by the Sergeants of the Royal Artillery at their mess; while the officers were making the acquaintance of many of the Camp Staff and other artillerists.

On the following day the detachment attended Divine Service in the large Marquee, at which the whole Camp, about one thousand strong, were present.

On the next day, Monday, we got to work at an early hour in the Drill Shed, the use of which was kindly allowed to us, and we continued on each week day following, until the close of the Camp, as much work as I thought it possible for the Team to engage in, short of excess.

The detachments from the different English Volunteer Artillery, being too numerous to take part in the competitions at one time, they are divided into two divisions; one of which goes into Camp the first week of the competition, the other the second week. This year the Artillery from the south of England formed the first division, those from the north the second.

It was understood that we should not compete in the first week, but the Southerners were anxious to have a try at us, to which I readily assented, and accordingly the competition for the Merchants of Montreal Challenge Cup took place on the Wednesday of the first week. It was especially important that we should succeed in taking this prize, for the Cup, in the competition two years previous at Quebec, had been won by the British Team, and by the terms of the competition, the team winning it twice out of three times was to become its owner.

The detachment to fire against us was selected by lot from the winning detachments of the week, and the choice fell on the team which had actually topped the scores of all in the grand aggregate—the No. 1 being a Queen's prize man, in two previous years.

The prize fell to us, and our unexpected success put us in good heart.

We did not compete again until Monday the 9th, when we fired in the 64 Pr. M. L. R. shell competition, winning from some 92 detachments the nine silver Cups presented by Sir Richard Wallace, Bart, M. P., being the first prize.

On Tuesday we fired again, this time with the 40 Pr. B. L. gun, and though not taking a prize, made an excellent score, which, with that of the day previous, placed us head, so far, on the grand aggregate for the Queen's prize. In the afternoon we competed in the open shift and lost.

On Wednesday, the final firing, to count in the Queen's prize, took place, same gun as on day previous. By lot we had to fire, unfortunately at a very early hour in the morning, and fell off, taking no prize.

On the afternoon of that day we took part in the 10 inch M. L. gun competition 1,400, 1,600 and 1,800 yards, one round only at each range. No trial shot. Out of these three shots we made two ricochets and one direct hit, and yet took

no prize. We were, however, awarded certificate of merit, of which two only were given during the week.

On Thursday morning, we fired for the Marquis of Londonderry Challenge Cup, 64 Pr. M. L. R., 10 rounds plugged shell, two ranges, against the team which had stood at the head of the firing of the second week, and captured this prize.

Later on in the morning, in the presence of a large number of visitors, we competed for the Governor-General's Cup, in a special shift, between a detachment consisting of one half of each of two winning detachments and our own. Having failed to succeed in the open shift, I displaced the No. 1 and appointed Bombardier Bridgeford, "A" Battery, R. S. A., to act as No. 1 in this special shift. Under him the detachment worked to much better advantage. This prize we also bring to Canada.

Bombardier Bridgeford, who I am glad to hear has since been appointed a Sergeant, performed his duties with great intelligence, and ability. His firing, too, was excellent, and I recommend that some suitable acknowledgment be given him by the Council of the Association.

To recapitulate; it will be seen that there were three special competitions only, two firing and one shifting, namely:—

The Merchants of Montreal Challenge Cup,

The Londonderry Challenge Cup,

The Governor-General's Cup—all of which we won.

The number of open competitions, in all of which we were eligible, and in each of which we competed, were four firing and one shifting.

In these we took in one, firing, first prize, and a second, firing, certificate of merit; and though this would appear to be more than our share, it seemed as though each time our brother volunteers were as pleased at our success as though it were their own.

On the Thursday afternoon, we were inspected by General Lord Wolseley, and marched past, being given the post of honor on the right of the line, in this, as indeed on all other occasions. The prizes were then presented.

The Minister of Militia, who had shown his deep interest in the Team by frequent visits to Shoeburyness, was present throughout the day, and during the whole Camp he did much to encourage us, not only by his presence, but by kind words and acts. Lieut.-Colonel Irwin, Dominion Inspector of Artillery, and Lieut.-Colonel Oswald, President Dominion Artillery Association, were also present during a portion of the Camp.

On the following morning the Camp broke up. (*Extract from General Orders herewith.*)

Much to our surprise and pleasure, we learned that an influential Committee of reception had been formed, with the object of entertaining us, and showing to us, many of the chief sights of London.

We were taken on the Friday, to London, where the Team was quartered at the St. George's Barracks, by authority of the War Office. For nearly a week following, we were all entertained by our hosts, the Committee, and were enabled to see and inspect, through their foresight and prearrangement, much which we could not otherwise have hoped to have done.

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Accompanied always by some of the Committee, we were enabled to visit in a body, Windsor Castle, the Tower of London, Westminster Abbey, St. Paul's Cathedral, the Houses of Parliament, the Colonial Exhibition, Mansion House, Bank of England, Crystal Palace, Guildhall, the Alhambra and other theatres, and many other places.

We also spent a day at Woolwich, viewing the enormous Government works and stores; and here we were generously entertained by the 3rd Kent Volunteer Artillery, in their corps rooms.

The week's enjoyment concluded with a splendid banquet, given in our honor by the Committee of Reception and others, at the Holburn Restaurant, at which nearly three hundred were present.

I wish here to offer my warmest thanks to Colonel the Earl of Limerick, the President of the National Artillery Association, for his great consideration and numerous kindnesses; also to General Sir Montague McMurdo, K.C.B., and Colonel Ray, 3rd Midd. V. A., who were unremitting in their kind hospitalities; also Colonel Lewis, R.A.; Colonel Durcan, R.A., M.P.; Col. Hughes, M.P. 2nd Kent, V. A., Major Rutley, the Secretary of the Association; Colonel Howard, 1st Essex V. A.; Colonel Cameron, 4th Durham V. A.; Lieut. Hodgson, 2nd Middlesex, Lieut. Bracebridge, 3rd Midd. V. A., and indeed all the Volunteer Artillery whom we met. Also other members of the Committee of Reception, and Mr. Engleback, C. B., of the War Office, Captain Ackland, R.A., and others.

The members of the Team were everything that could be desired. They were animated by the one earnest wish to reflect credit on their corps and on Canada, and it was a pleasure to be connected with such men. To those who particularly excelled, I have given letters of commendation.

The Gentlemen Cadets were at all times ready for work, soldierly, fit and willing. When I first learned that Captain Drury was to be appointed Adjutant, I felt that the Team was fortunate in the selection. Captain Drury fully sustained the high reputation which he has among Volunteer Artillery Officers throughout Canada. He shewed excellent judgment in the management of the men, impressing them with a sense of their own responsibility, and yet at all times aiding in maintaining the strictest discipline. His duties were well and ably performed in every respect.

I cannot close this report without referring to the unquestionable benefit which the sending of a Team to Shoeburyness must confer, not only on that important branch of the service, the Artillery, but on all Canadian Militia. Here were twenty members of the Team, representing seventeen different Corps, and nearly as many cities or centres of population throughout the Dominion. Each man on the Team, I am sure, feels that his trip was a long-to-be-remembered reward for his past services, and no doubt the experience of each one, detailed to his comrades, must enthuse them with a desire to merit a like distinction. The hope of being selected for future Teams, for special merit, must prove a strong incentive to gain what should be considered one of the highest prizes in the gift of a commanding officer.

Annexed is an extract from *The Globe*, London, England, referring to the combined work required of Artillerymen. I hope that the success of this year may lead to the sending at regular intervals of Teams to compete at Shoeburyness.

Enjoying as we do, without cost to us, the full measure of Imperial protection, it must be admitted that we should avail ourselves of the opportunity which England offers, of improving ourselves, by meeting her Volunteers in friendly rivalry, of acquainting ourselves with the modern advances of artillery, and of further cementing the bonds of union between the Mother Country and her Colonies, so favorable as they are to ourselves.

I would recommend that the standard this year adopted be maintained, and that hereafter nominees for the Team not up thereto be promptly rejected. I trust that the Council will furnish to members of the Team some distinguishing badge to be worn on the arm.

Herewith is a full statement of receipts and expenditures, and also some further extracts from English papers referring to the Detachment.

I have the Honor to be,

Sir,

Your Obedient Servant,

J. R. ARMSTRONG, Lt.-COL., N. B. B., G. A.,
Late Comdg. Canadian Artillery, 1886 Shoeburyness Detachment

To the President,
The Dominion Artillery Association. }

EXTRACTS.

THE CANADIAN GUNNERS.

HOW THEY WERE RECEIVED ON THEIR ARRIVAL AT SHOEBURYNNESS.

The *London People*, of August 1, says: The annual camp of the Artillery Volunteers at the School of Gunnery, Shoeburyness, was constituted July 31, about ninety detachments of nearly 1,000 officers and men forming the first division. The first to arrive in camp were the 1st Essex detachment, bringing with them an excellent band, whose services were at once requisitioned to do the honors of the reception of the two detachments of Canadian Artillery, who arrived in the evening. A reception committee had been formed to welcome the Canadians, of which Lieutenant-Colonel Ray, 3rd Middlesex Artillery, was President, and Lieutenant Hodgson, 2nd Middlesex Artillery, Secretary, these officers being among those who were in 1884 so hospitably entertained in Canada when a British team visited the Dominion. Lieutenant Hodgson and Sergeant-Major Garrard, 3rd Middlesex, proceeded to London, meeting the Canadians on their arrival at Euston. The Canadian team, commanded by Lieutenant-Colonel Armstrong, consisted of twenty-two officers and men, including the Colonel and his Adjutant, Captain Drury. The steamer "Vancouver," by which they crossed the Atlantic, only arrived late on Friday night, and the party came on direct to Shoeburyness, only resting for a brief period, under the direction of Lieutenant Hodgson, and joining the reception committee at the London Tavern for lunch. The express from Fenchurch street, landed the whole party at Shoeburyness, soon

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after six. The band of the Royal Artillery met them at the station, and preceded them *en route* into camp, playing a triumphal march. The whole of the men who had arrived, and were not engaged in the duties of the camp, turned out and lined the approaches to the encampment, and the visitors appeared charmed with the cordiality of their reception. There were very pleasant greetings between Colonel Ray, Lieutenant Hodgson, Sergeant-Major Garrard, and the other members of the British Canadian team, and such of the officers and men of the Canadian Militia as they had become acquainted with in that visit. The division is formed into four brigades, in addition to the Canadian detachments, which form a brigade of their own.

The "Times," Friday, August 13, 1886.

NATIONAL ARTILLERY ASSOCIATION.

The morning of yesterday at Shoeburyness in the Volunteer Artillery Camp was a period of partial rest. All the general competitions were over in batteries and in marshes, and as there were only two repository events to work off, and two detachments—the British and Canadian—to fire, the majority of men and officers were left at ease. The guard duty was still discharged by the Volunteers. The reveille was sounded as usual at 5 o'clock, and, the camp duties having been discharged, there were the usual breakfast parades for the meals prepared by the Aldershot cooks under Sergeant-Major Robertson.

The Canadians then did a shift with the Victors for the Governor-General of Canada's prize, and won it. The Colonials were greatly cheered on returning to camp.

The British and Canadian competition with the Palliser 64-pounder gun, was the only firing event of the day, and was witnessed by an immense number of persons. The competition was for the Londonderry Challenge Cup, founded by the National Artillery Association and the Dominion of Canada Artillery Association, in memory of the late esteemed President of the home Association. There were ten rounds of plugged shell allotted to each team, and the range was 1,600 yards. The Canadian detachment selected to compete was the No. 2, under Bombardier Bridgeford, who had nearly secured the Queen's prize, while the British team was found in the 6th detachment of the Cheshire and Carnarvon, the men of Chester College, who had made equal scores in the shell competition of Monday with the Canadians and took the second prize on that day owing to being longer in time than the Colonials. The competition was another success for the Canadians, though the scoring was singularly low. The British team only scored six points, one shot being good in both elevation and direction, while the Canadians won with a score only of 48 made in two direct hits counting 24, two inners counting 18, and one good for elevation and direction counting six, the hits with plugged shell counting as with shot.

The last dinner parades were held, and then the brigades formed on their grounds. General Lord Wolseley, who travelled by the London and Tilbury Railway, was received with all honors. His lordship lunched in camp and later in the day the review of the troops was held before his lordship and a distinguished company in the cricket field of the Royal Artillery. In front of a stand that had been erected for visitors was displayed Messrs. Elkington's array of gold and silver cups, prominent among them being the Queen's prizes. General Lord Wolseley was attended by Captain Chate, of the 1st Lancashire, who was appointed to act as Aide-de-Camp. His lordship was received by the principal officers of the Shoeburyness staff, and among those present were General Sir W. M. McMurdo, Colonel Lord Limerick, Colonel Lord Truro, Mr. L. Engleback, C. R. (of the War Office) Colonel Oswald, President of the Dominion of Canada Artillery

Association; Sir Adolphe Caron, Minister of Militia of Canada; Colonel Nagle, of Canada; Captain Lane, of the Canadian Artillery; Colonel George Adams, late 1st London; and Rev. Canon Whittington, M. A., Chaplain of the camp.

The force was deployed in line fronting the Thames estuary, and the distinguished officer inspected the open ranks after the usual salute. The force was under the command of Colonel Lewis, R. A., with whom was Colonel Howard, 1st Essex, as Brigade-Major, and the brigades were under the commands given a few days ago in the "Times."

The inspection in line being over, the brigades broke into open column of companies as infantry, and, headed by the band of the Durham, marched past at the quick, right in front, the Canadians under Colonel Armstrong and Captain Drury leading the march. The march-past was fairly well done throughout. The force then marched past in close column, left in front. Wheeling to the right, the columns formed into a line of massed battalions, made a stately advance in that formation, and gave the general salute.

The Earl of Limerick, when the troops had been massed, thanked Lord Wolseley, in the name of the National Artillery Association, for coming at great personal inconvenience to distribute the prizes, and said the Association very much appreciated it. It was not his province to make any report as to the discipline of the troops who had come to the meeting, but it was his duty to speak briefly of the work which had been done by the Association, and the Association's objects. The present was the 22nd meeting at Shoeburyness. The Association reached its majority last year, and had been constantly increasing in numbers and, he hoped, in efficiency. It had now reached its manhood—he hoped a strong and useful manhood. His Lordship was acquainted with what the Association had tried to do in the past. In 1865 the meeting was attended by 40 officers and 260 men, while the present meeting was attended by 131 officers and 1,800 men. The Association had to congratulate itself this year on the presence of their brother Volunteers and Militia of Canada. He was proud to say they had carried away prizes. The Canadian Volunteers had seen active service, they had been through that trial and had borne it well, and had shown how useful such a force was. From their example, if, unfortunately occasion should ever arise for their services to be called upon, he was confident we should see what the Artillery Volunteers were made of.

General Lord Wolseley, in addressing the men, said that Lord Limerick had alluded to the fact that he had come that day at some inconvenience to himself. He could assure them that the pleasure he had had in coming, had far outweighed any small trouble to which he had been put, in being present on that occasion. It had been a great satisfaction to him to see the representatives of the Canadian Militia, with which he had the honor of being associated for many years, and upon two or three remarkable occasions on active service. He was glad that they had not only come a long distance to show what the soldiers of Canada were, but that they would go back to their homes carrying with them a very large number of prizes which they had deservedly won. He was sure he expressed the feelings of every man belonging to the Volunteer force of England when he said he heartily welcomed them here, and hoped they would remember with great pleasure the time they had spent here and the number of comrades and friends they had gained. He echoed the hope that had been expressed that next year, being the jubilee of Her Majesty's reign, we should see representatives from all the great Colonies in this country. He was one of those who believed in the federation of our Empire. (Cheers.) He hoped we should be yet one great Empire extending all round the world, and the very best means of starting that federation was to visit one another. He congratulated the officers concerned in the camp upon the admirable manner in which it had been conducted. He had walked through the camp that morning and saw how tidy it was, how well arranged, and how well the comforts of the men had been thought of. We had

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not enough Royal Artillery to man the guns mounted on our fortifications, and in the case of war, if unhappily that should occur, they should look to the Volunteer Artillery to help them. He hoped the day was not far distant when, in addition to the Garrison Artillery now furnished by the Militia Artillery, we might have a large number of Field Artillery. The Government would never give enough of these, and the only way to supply their place was to look to the Volunteer service and the Militia body, and he hoped before many years had passed we might have many field batteries as well as those splendid garrison batteries. Lord Wolseley concluded by expressing the pleasure it had afforded him to take part in the ceremony of the presentation of the prizes.

Lord Wolseley then left, and the Volunteers were marched back to camp, where they had one more night of duty.

EXTRACT FROM REPORT FROM COLONEL LEWES, CAMP COMMANDANT, TO THE
BRIGADE-MAJOR SCHOOL OF GUNNERY, 13TH AUGUST, 1886.

"The Canadian Artillery have certainly detracted nothing from the good name earned by their predecessors, and I cannot speak too highly of their bearing and conduct."

From The Morning "Advertiser," London, Tuesday, August 17th.

THE CANADIAN ARTILLERYMEN.

Yesterday the team of Canadian artillery which has so successfully competed during the past fortnight at the artillery meeting at Shoeburyness was conducted by their entertainers, the Reception Committee, to Woolwich, where, after an inspection of the principal manufacturing and store departments of the Royal Arsenal, they were entertained by the 3rd Kent Artillery to luncheon in their spacious mess-rooms. The Canadians numbering 23 members, were under the command of Lieut.-Colonel Armstrong, with Captain Lane, Captain Drury, (Adjutant), and Cadets Yorston and Newcombe, and amongst the visitors accompanying them were General Sir M. M'Murdo, Colonel Duncan, R.A., M.P., and many officers and leading non-commissioned officers of the volunteer artillery. The Secretary for War had given orders that everything of interest in the Arsenal was to be shown to the visitors, and the Royal Artillery mess were desired by Mr. Smith to entertain them hospitably. Captain Saville, R.A., Mr. Low, and other heads of departments faithfully carried out the former part of the high functionary's injunctions, showing them in succession the carriage department, the shell foundry, the gun factory, the method of proving guns at the butts, and the harness and saddlery stores; but the latter part of the injunction could not be carried out, because the hospitable intentions of the Secretary of State and the officers of the Royal Artillery had been forestalled by Colonel Hozier and the officers of the 3rd Kent Artillery. The luncheon was very enjoyable. In the unavoidable absence of Colonel Hozier, Major Deedes presided, and in addition to the Canadian visitors he had on his right and left General M'Murdo, Colonel Duncan, R.A., M.P., and other distinguished visitors. Lieut.-Colonel Armstrong, General M'Murdo, and Colonel Duncan responded to various toasts proposed by Major Deedes, Sergeant-Major Horne, and Captain Rea of the 3rd Kent.

Colonel Armstrong, in the course of his address, said that of all the pleasant duties the courtesy the team had everywhere received had cause to devolve upon him in acknowledgment, none had been more pleasant than that of acknowledging the generous reception they had received from the 3rd Kent. In their interest

promenade through the Royal Arsenal what struck him more than anything else was the enormous stores of harness and saddlery in the last department of their great arsenal. This reminded him that by means of the railway by which they in Canada had now joined the Atlantic and Pacific their dear old country could not fail to derive advantages when it became necessary to transport stores rapidly to the eastern portions of the Empire. They had 22 members in the team, and every one of the 22 would, he was sure, join him in the wish they all felt from one end of Canada to the other, that that great railway might be found of service in the time of England's needs.—(Loud cheers.)

General M'Murdo, in responding to the toast of "The Visitors," proposed by Captain Rea (3rd Kent Artillery), referred to his occasional visits to the Continent to show how impossible it was to find abroad the volunteer as we knew him in England. In Italy and other countries they had volunteers of a sort, but arms in the hands of the volunteer abroad meant, he feared, revolution; but arms in the hands of the British volunteer meant freedom.—(Cheers.)

Colonel Duncan, R.A., M.P., having also acknowledged the toast, the company soon afterwards separated and returned to London in saloon carriages provided by Mr. Myles Fenton, general manager of the South-Eastern Railway.

In the evening a company of some 250 officers and men belonging to the artillery branch of the volunteer service sat down to a dinner at the Holborn Restaurant given by a reception committee consisting of the principal officers of the London and other brigades, and the National Artillery Association, of which Colonel Ray, 3rd Middlesex Artillery, who commanded the British Canadian team, was president, and Lieut. Hodgson, 2nd Middlesex, was secretary. Colonel the Earl of Limerick presided, and among the guests were Colonel Oswald, president of the Dominion Artillery Association, Colonel Armstrong, Captain Drury, and Captain Lane, of the Canadian team; Sir C. Tupper, G.C.M.G., Sir Adolphe Caron, K.C.M.G., Minister of Canadian Militia, General Sir M. M'Murdo, Colonel Lewes, R.A., Colonel Hope, V.C., Colonel Adams, late commanding the City of London Artillery, the Rev. Canon Whittington, chaplain, 1st Essex, and other distinguished guests. Lord Lansdowne telegraphed to say that the steamer by which he had travelled having been delayed by fog, the invitation to be present had not been received in time to permit of his being present, and Mr. W. H. Smith wrote the following letter of apology:—"Will you convey to the committee over which you preside and to the Canadian gentlemen with whom I was to have had the pleasure of dining, the expression of my profound regret that I am unavoidably prevented from keeping my engagement with them this evening. I am extremely sorry that this should be the case, as I was anxious to have had the pleasure of meeting them, and to have expressed my sense of the value of these meetings in knitting and binding together the interests and resources of the Empire."

After dinner the usual loyal toasts were proposed by Lord Limerick, who presided, that of "The Army, Navy, and Auxiliary Forces" was proposed by Lord Truro, and responded to by Colonel Lewes, R. A., and Colonel Ray, 3rd Middlesex. The toast of "Our Colonial Empire" was proposed by General McMurdo, and responded to in an eloquent speech by Sir Charles Tupper.

The Chairman subsequently proposed the toast of the evening, "The Canadian Detachment," coupling the toast with the names of Lieutenant-Colonel Armstrong, the commander, and Captain Drury, the Adjutant of the team.

Colonel Armstrong on rising to respond was received with immense applause. He said as words failed him to properly express his feelings, he would content himself by simply thanking the company for their cordial reception of the toast. The men were drawn from every part of an extended territory. One of the team had come from British Columbia, 7,000 miles away, to be present, and others had come from Manitoba and the old Provinces of Quebec, Ontario, New Brunswick, Nova Scotia and Prince Edward Island. Sir Adolphe Caron desiring that to come with the team should be a kind of reward, its members had been selected

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from every brigade in the Dominion. The magnificent reception and entertainments given to them, when known in the cities from which the members of the team had been drawn, could not fail to consolidate those bonds of friendship they all so much desired to strengthen. They had gazed with admiration at Windsor Castle and the great Arsenal at Woolwich, but there was nothing that struck them with so much admiration as the volunteer force. He wished some of those who held high office could see the work that both officers and men went through at Shoeburyness. To see the bronzed faces of the officers as they come in after hours of exposure and arduous duty on the ranges would give them a better idea than anything else could of the earnestness of the men comprising the volunteer force. He trusted that the day might come when the colonies would be allowed not only to take part in the operations of the Imperial armies, but take their part in Imperial legislation, and he hoped and believed that if he were spared to the usual span of life he should yet see it. The victories they had achieved were as unexpected as they were welcome. As to the members of the team he had never met with men more willing in his life. They, however, hoped and believed they had won something more than prizes—namely, the esteem of their English comrades, and they had made many friends. They would never forget the kind words received not only from their noble President, but from every officer and man with whom they had come into contact.—(Loud cheers).

Captain Drury, Adjutant of the team, was only too glad to concur in all that Colonel Armstrong had mentioned, but he felt that perhaps too great credit had been given to him (the speaker). If it had not been for the willingness and the wonderful spirit of work shown by every member of the team, they never could have done what they had. They felt on the voyage alone in the world, and wondered how they should steer through the difficulties of the metropolis; but they were met on arrival by representatives of the National Artillery Association, and were piloted across London, and on arriving at Shoeburyness, they received an ovation which no team could have the right to anticipate, and were received by the garrison and the volunteers with cheers such as only Britons could give. They had enjoyed the advantage of instruction with guns of larger nature than they had before met with, and, thanks to the officers of the Royal Artillery, they had been able to greatly profit by them. The sentiments expressed and the friendships made would never be forgotten in their life-time. He hoped he might again meet all those smiling, friendly faces he saw before him. What they had done in Canada in the way of hospitality in 1884 had been far surpassed by the welcome they had received here.

Other toasts followed, proposed and responded to by Colonel Cameron, 4th Durham; Sir Adolphe Caron, Colonel Howard, 1st Essex; and Colonel Hope, V.C.

In proposing "The National Artillery Association," Sir Adolphe Caron said when he was called upon to do duty he felt that he had been selected to propose a toast than which none was more worthy to be honored and none would be more cordially responded to by the Canadians. England's glory had been imprinted in every clime by her sailors and soldiers, but it was known that the principle of conscription could not be carried out in its many islands, and that the principle of providing for the defence of the country must be provided for without giving up their avocations. When Colonel Harcourt established that Volunteer Association which competed on the plains of Shoeburyness, he had therefore done a thing of the greatest benefit, because it was exactly in the direction in which the patriotism of Englishmen could be best shown.

The enjoyment of the evening was greatly augmented by the vocal performances of a glee party of the 2nd Middlesex Artillery, and by the singing of a number of capital songs.

The Daily "Telegraph."—*St. John, N. B., September 1st, 1886.*

CANADIAN ARTILLERYMEN AT SHOEBOURNESS.

The Volunteer Service Gazette, in giving the full reports of the proceedings of the prize meeting of the National Artillery Association at Shoeburyness, pays a warm and deserved editorial tribute to the Canadian team. The annual prize meeting at Shoeburyness is stated to have been the most successful of the twenty-two held by the National Association, and it is a matter for pride to everyone in Canada that in a competition with picked men from the host of artillery volunteers in the mother country, our own boys were so eminently successful in soldierly bearing and in securing prizes. We quote:—

"We are disposed to think that the prize meeting (the twenty-second) of the National Artillery Association which has just been concluded at the School of Gunnery, has been the most successful of the twenty-two which have been held. The weather has been on the whole very good; the numbers attending quite satisfactory. There have been few or no protests of any importance, and what is of most importance to all, the discipline of the camp, in both the first and second weeks, is understood to have been so good as to entirely satisfy the Camp Commandant, and the head of the School of Gunnery. No formal report has yet been issued, but the words of the Adjutant-General at the prize distribution on Tuesday, were enough to show that the discipline and behavior of the volunteers have been creditable to the force to which they belong. The meeting has been marked by two incidents of special interest—the presence throughout the two weeks of Colonel Armstrong's splendid Canadian team, and the attendance of Lord Wolseley at the prize distribution. The appearance of the Canadians ought to put our men on their mettle. We are quite aware that the former are picked men—and are picked, moreover, in a way in which it would never be possible for us to pick a team to go to Canada or any other colony. But even allowing for this, we must say that we have seldom seen such a body of soldiers as the Canadian artillerymen who have just left Shoeburyness. Nobody, we think, who saw those clean-limbed giants perform the "shift" for the Governor-General's cup, on Thursday, will ever forget the sight. Their march past later in the day, in full panoply, was equally good in a different way. And they, or a great many of them, show by their medals, that they can do, and have actually done, more trying and important work than parbuckling a sixty-four-pounder up to its carriage, or marching past the Adjutant-General. They will return home, indeed, laden with the spoils of their recent peaceful campaign. Our men have prevented them, not without serious difficulty, from carrying off the Queen's prize, but by their prowess with the Armstrong, they have recovered the Montreal Cup, which Colonel Ray and his men brought back from Canada two years ago; they have taken away the Londonderry cup from the best team we could bring against them, and they have refused even to let the prize given by their own Governor-General for excellence in repository work, remain among us. Moreover, they have won a first prize for shell firing, and a certificate in the ordinary repository competition, so that there will be rejoicing, fully justified, in Canada."

Volunteer Service Gazette, Saturday, August 7th, 1886.

The following very graphic and intelligent description of the Shoeburyness competition appeared in the *Globe* of last Monday:—

The most characteristic difference between the Wimbledon and Shoeburyness competitions is, that in the former success depends upon individual effort, while in the latter, the most admirable efforts of number one the leader of a detachment may be rendered nugatory by the carelessness of the most insignificant member:

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in the team. No. 1 may have pointed his gun with unerring aim, but if No. 5 forgets to serve the vent at the proper moment, he endangers the lives of his comrades, and the whole team, instantly disqualified by the ever-watchful umpire, is sent away. In the shell competition now proceeding, the unerring aim of the best *pointeur* in the world, will be of no avail, if No. 7 miscalculates in boring the fuse on which the bursting of the shell at the proper moment depends.

The same inter-dependence of all on each in the team rules in the repository competitions going on to-day simultaneously with the shell firing. In one of the two tests prescribed, a gun weighing nearly three tons has to travel 50 yards, from platform to platform, and to cross in its course a 9 ft. space marked off to represent a deep ditch of that width. If any man of the 19 who, by a combination of dexterous and powerful effort, may be successful in moving the gun along, should incautiously set his foot upon the marked off space, he will be considered to have fallen into the ditch, and all his comrades will be instantly disqualified by the umpire. It is not, therefore, surprising that the artilleryman who understands the significance of every individual action in a complicated whole, should appreciate more highly a contest in artillery work, than what seems to him so much more tame and simple, viz., a rifle shooting match.

—
New York Times.

CANADIAN AND AMERICAN ARTILLERYMEN.

The victory of the Canadians in the artillery contest at Shoeburyness, which as usual has followed closely the annual rifle meeting at Wimbledon, will not occasion surprise, in view of the excellent record of the winners in the contests of previous years. The Dominion may well be proud of the success of its volunteers in this arm, of which it has rather made a specialty. In marked contrast is the comparative neglect of light artillery proper among our militia. Not only is this noticeable in the small proportion of batteries to infantry in some States, but in the degree of drill and training, secured for them, compared with what is seen across the border. Even when artillery companies are formed they are sometimes provided with Gatling guns as their weapon. A year or two ago an effort to hold an artillery camp at Peekskill, demonstrated the weakness of the State National Guard in this arm. Of course the difference in expense entailed by providing not only the pieces, but especially the horses and equipments, has much to do with this neglect, and no doubt, too, it has hitherto been remembered that there are at call many thousands of skilled artillerymen in vigorous middle life, veterans of the civil war.