

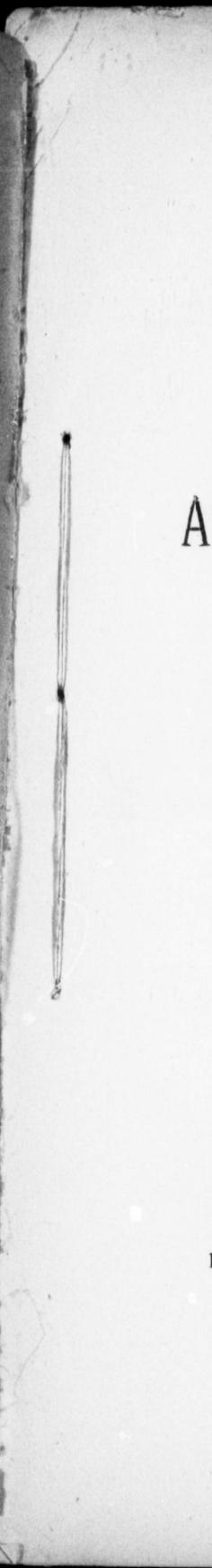
ANNUAL REPORT  
— OF THE —  
DOMINION  
ARTILLERY ASSOCIATION  
FOR THE YEAR 1891.



OTTAWA:  
PRINTED AT THE OFFICE OF THE CANADIAN MILITIA GAZETTE.

1892.

A  
353-  
D71



A

A 355  
D 91

# ANNUAL REPORT

— OF THE —

## DOMINION

# ARTILLERY ASSOCIATION

FOR THE YEAR 1891.



OTTAWA :

PRINTED AT THE OFFICE OF THE CANADIAN MILITIA GAZETTE.

1892.

*[Faint, illegible text, possibly bleed-through from the reverse side of the page]*

LIEUT

# DOMINION ARTILLERY ASSOCIATION.

1891.

---

## PATRON.

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

---

## VICE-PATRONS.

HIS HONOR THE LIEUT.-GOVERNOR, Province of Ontario.  
HIS HONOR THE LIEUT.-GOVERNOR, Province of Quebec.  
HIS HONOR THE LIEUT.-GOVERNOR, Province of Nova Scotia.  
HIS HONOR THE LIEUT.-GOVERNOR, Province of New Brunswick.  
HIS HONOR THE LIEUT.-GOVERNOR, Province of Prince Edward Island.  
HIS HONOR THE LIEUT.-GOVERNOR, Province of Manitoba.  
HON. SIR A. P. CARON, K.C.M.G.  
COLONEL WALKER POWELL, Adjutant-General.

---

## PRESIDENT.

LIEUT.-COLONEL A. A. STEVENSON, Montreal.

---

## VICE-PRESIDENTS.

LIEUT.-COLONEL A. E. CURREN, A.D.C., Comdg. Bde. Gar. Art., Halifax.  
" J. R. ARMSTRONG, A.D.C., Comdg. N. B. Bde. G. A., St. John.  
" E. G. PRIOR, A.D.C., M.P., Comdg. B. C. Bde. G. A., Victoria.  
" T. T. TURNBULL, Comdg. Bde. G. A., Montreal.

# COUNCIL FOR 1891.

## PRESIDENT

Major STEWART, Comdg. Ottawa Field Battery.

## VICE-PRESIDENTS.

Lieut.-Colonel F. S. MOORE, Comdg. P. E. I. Brigade, Garrison Artillery.

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

" LINDSAY, Comdg. Quebec Field Battery.

" LAURIE, Montreal Brigade, Garrison Artillery.

## MEMBERS (*Ex-officio*).

Colonel the Hon. C. E. PANET, Dep. Minister of Militia, Ottawa.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

" F. M. COLE, Brigade Garrison Artillery, Montreal.

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

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

" MEAD, Comdg. Toronto Field Battery.

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

" BOULANGER, Comdg. No. 2 Battery, Garrison Artillery, Quebec.

Captain VAN S

" LONG

" DAVIS

" FINLA

" OGILV

" BISSET

" MART

" OXLEY

" MAXW

" McNA

Lt.-Col. A. A.

Captain W. M

Lt. Col. D. T.

" C. E.

" W. H.

Lt.-Col. A. H.

" J. R.

Lt.-Col. J. MA

F. E. KNIGHT,

Captain J. B. I

Captain VAN STRAUBENZEE, R. E., Royal Military College, Kingston.

" LONGWORTH, Comdg. No. 2 Battery, P. E. I. Bde., Charlottetown.

" DAVISON, " No. 1 " " " "

" FINLAYSON, Brigade Garrison Artillery, Montreal.

" OGILVY, " " " "

" BISSETT, " " " "

" MARTINEAU, Comdg. No. 1 Battery, Levis Garrison Artillery.

" OXLEY, Brigade Garrison Artillery, Halifax.

" MAXWELL, " " " "

" MCNAUGHTON, Comdg. Cobourg Garrison Battery.

**Elected.**

Lt.-Col. A. A. STEVENSON, Retired List.

Captain W. McCRAE, "

**EXECUTIVE COMMITTEE.**

**Ex-Officio.**

Lt. Col. D. T. IRWIN, Inspector of Artillery, Ottawa.

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

" W. H. COTTON, " " " Kingston.

**Elected.**

Lt.-Col. A. H. MACDONALD, Q.C., Comdg. 1st Bde. Field Artillery.

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

**AUDITORS.**

Lt.-Col. J. MACPHERSON, Militia Department, Ottawa.

F. E. KNIGHT, Esq, " " "

**SECRETARY-TREASURER.**

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

## LIST OF LIFE MEMBERS.

- His Excellency Lord Stanley of Preston, G.C.B., Governor-General.  
 The Most Honourable the Marquis of Dufferin and Ava, K.P., etc., etc.  
 His Excellency the Marquis of Lansdowne, G.C.M.G., etc., Viceroy of India.  
 The Right Honourable the Marquis of Lorne, K.T., etc.  
 The Right Honourable Lord Mount-Stephen.
- |  |  |
|--|--|
| <p>Angus, R. B., Esq.<br/>                     Armstrong, Lt.-Colonel J.R.</p> <p>Benny, Robt., Esq.<br/>                     Boulanger, Major.<br/>                     Brainerd, T. C., Esq.<br/>                     Buntin, Alex., Esq.<br/>                     Burnet, J., Esq.</p> <p>Cameron, Lt.-Colonel.<br/>                     Cassils, C., Esq.</p> <p>Daniels, Surgeon.<br/>                     Donaldson, Capt. J. B.<br/>                     Drummond, Hon. G. A.</p> <p>Forget, L. J., Esq.</p> <p>Gilmour, Lt.-Colonel A.<br/>                     Gray, Lt.-Colonel J.<br/>                     Gzowski, Colonel Sir Casimir, A.D.C.<br/>                         to the Queen.</p> <p>Hamilton, Robt., Esq.<br/>                     Herbert, Major-General.<br/>                     Hickson, Lt.-Colonel Sir J.<br/>                     Hope, John, Esq.,<br/>                     Hosler, E. B., Esq.</p> <p>Irwin, Lt.-Colonel D. T.<br/>                     Joly, Hon. H. G.</p> | <p>King, Major F., M.D.</p> <p>Lewes, Lt.-Colonel Price.<br/>                     Lindsay, Major Crawford.<br/>                     Lindsay, R. A., Esq.</p> <p>Macdonald, Lt.-Colonel A. H., Q.C.<br/>                     McGreevy, Hon. Thos.<br/>                     McIntyre, Duncan, Esq.<br/>                     McKenzie, H., Esq.<br/>                     Mercier, Hon. Honoré.<br/>                     Middleton, Gen. Sir F., C.B., K.C.M.G.<br/>                     Moat, R., Esq.<br/>                     Montizambert, Lt.-Colonel C. E.</p> <p>Oswald, Lt.-Colonel W. R.</p> <p>Palliser, Major E.<br/>                     Paton, Hugh, Esq.</p> <p>Rankin, John, Esq.<br/>                     Raymond, Chas., Esq.<br/>                     Redpath, Peter, Esq.<br/>                     Rowley, W. H., Esq.</p> <p>Scott, Gilbert, Esq.<br/>                     Smith, Sir D. A., M.P.<br/>                     Smith, Capt. G. F.<br/>                     Strange, Major General T. B.</p> <p>Turnbull, Lt.-Colonel T. T.</p> |
|--|--|

Bissett, Captain

Call, Lt.-Col., N

Davidson, Major

Field Artillery

Davison, Captain

Finlayson, Captain

Hooper, Lieut.,

Hurdman, Lieut.

Jenkins, Surgeon

Longworth, Cap

ANNUAL SUBSCRIBERS, 1891.

Bissett, Captain, Montreal Bde. G. A.	Macnachtan, Lieut., Cobourg Gar. By.
Call, Lt.-Col., Newcastle Field Battery.	McNaughton, Capt., Cobourg Gar. By.
Davidson, Major, No. 2 By., 1st Bde. Field Artillery.	McCrae, Capt., Guelph.
Davison, Captain, P. E. I. Bde G. A.	Mead, Major, Toronto Field Battery.
Finlayson, Captain, Montreal Bdg.G.A.	Moore, Lt.-Col., P. E. I. Bde. G. A.
Hooper, Lieut., Montreal Fd. Battery.	Moore, Lieut, " " "
Hurdman, Lieut., Ottawa " "	Morson, Capt.. " " "
Jenkins, Surgeon, P. E. I. Bde. G. A.	Nicoll, Major, No. 1 Battery, P. E. I. Bde. G. A.
Longworth, Captain, P. E. I. Bde. G.A.	Ogilvy, Capt., Montreal Bdg. G. A.
	Sterns, Lieut., P. E. I. Bde. G. A.
	Stevenson, Lt.-Col., Montreal.
	Taylor, J. D., Esq., Ottawa.

## LIST OF AFFILIATED BATTERIES.

Royal Military College, Kingston.			
"A" Battery, Regiment Canadian Artillery.			
"B" " " " " "			
No. 1 Battery, 1st Brigade, Field Artillery, Guelph, Ont.			
No. 2 " " " "			
London Field Battery.			
Hamilton	"		
Welland Canal	"		
Toronto	"		
Durham	"		
Kingston	"		
Gananoque	"		
Ottawa	"		
Montreal	"		
Shefford	"		
Quebec	"		
Newcastle	"		
Sydney	"		
Winnipeg	"		
Montreal Brigade, Garrison Artillery (6 Batteries).			
New Brunswick	"	"	St. John, N.B., (5 Batteries).
Halifax	"	"	(7 Batteries).
Prince Edward Island Brigade, Garrison Artillery (3 Batteries).			
British Columbia	"	"	(3 Batteries).
Yarmouth Battery, Garrison Artillery.			
Cobourg	"	"	"
No. 2	"	"	Quebec, Que.
No. 1	"	"	Levis, Que.
No. 2	"	"	" "
Digby	"	"	"

1. That  
ARTILLERY  
Gunnery ski  
the Dominio

2. That  
*dollars*, whic  
meeting, oth  
in cash, at a  
to be compet  
member.

3. That  
itary College  
Mounted Po  
and *six dolla*  
to this Assoc  
in the propo  
of each sub  
person to ho  
when selecte  
Annual Gene

4. The  
consist of *ea*  
lists as may  
Minister of  
Defence; th  
Inspector an  
Generals of  
and Regiment  
ing Affiliates  
the Commar  
Military Sec  
Rifle Associ

## 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 *twenty dollars*, to be competed for at a general prize meeting, may be elected a life member.

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

4. The affairs of the Association to be managed by a Council to consist of *ex-officio* members and such officers on the Active or Retired lists as may be elected annually at a General Meeting. The Hon. the Minister of Militia and Defence; the Deputy Minister of Militia and Defence; the Major-General Commanding; the Adjutant-General; the Inspector and Assistant Inspectors of Artillery; the Deputy 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 Associa-

tion, be *ex-officio* members of Council. The Secretary and Treasurer shall likewise be *ex-officio* a member of the Council.

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

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

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

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

9. At all  
tions shall  
shall have a

10. Ord  
to, and imme

The Mi  
kept for th  
any member

11. Ext  
the Secretar  
as the Pres  
request, in v  
corps, duly  
Vice-Presid  
at least four  
the meeting  
objects, of s  
send a writ  
such meeting

12. All  
tion shall b  
tion year,  
money paid  
Bank.

13. Tw  
Treasurer's

14. Th  
by the Pres  
dents, othe

15. Th  
as they ma  
Executive

16. A  
mitted to  
a report  
Meeting.

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

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

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

11. Extraordinary Meetings of Council shall be summoned by the Secretary when required by the President of Council, at such places as the President may direct, either at his own discretion, or upon the request, in writing, of six members of Council, of at least three different corps, duly qualified to vote at such meeting, one of whom shall be a Vice-President, notification being sent to each member of the Council at least fourteen days previous to such meeting, and the requisition for the meeting and the notices to the members must state the object, or objects, of such meetings. Members of Council shall be permitted to send a written vote to the Secretary upon subjects to be discussed at such meetings.

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

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

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

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

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

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

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

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

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

1. Rep  
submitted he

2. It w  
for the year a  
the average.  
1892 and tha  
vantage of th

3. The  
withstanding  
very success

4. The  
the Garrison  
will be of g  
from batteri  
improvement  
Council sug  
General Offi  
made for th

5. Th  
the 9 pr. R.  
they have n  
additional s  
to each Fi  
(‘A’ and ‘B’)

6. Th  
promised h  
sity for Fi  
and for Ga

7. Th  
of last year  
been direct

## Report of Council.

---

1. Reports of the Executive Committee and Secretary-Treasurer submitted herewith.

2. It will be seen by the Secretary's Report that the affiliations for the year are in excess of those of last year, which were slightly above the average. The Council hope that even this will be exceeded for 1892 and that all batteries will make it a point to affiliate and take advantage of the efforts of the Association in their behalf.

3. The meetings for practice at Quebec and Kingston were, notwithstanding the regrettable accident which occurred at the former place, very successful.

4. The Council are of the opinion that the suggestion to carry out the Garrison Artillery Competition at Halifax during the ensuing year will be of great advantage to that arm, as it will enable detachments from batteries stationed outside of that city to see somewhat of the vast improvements made in artillery materiel during recent years. The Council suggest the appointment of a committee to wait upon the General Officer Commanding the Militia with a view to application being made for the necessary authority to carry out the above.

5. The Council understand that twelve Morris tubes for use with the 9 pr. R. M. L. gun were ordered by the Department in May, last—they have not, however, so far been received. It is suggested that an additional supply be asked for this year so as to admit of one being issued to each Field Battery and one to each Royal School of Artillery ('A' and 'B').

6. The Council regret that the duck suits repeatedly asked for and promised have not yet been issued by the Department—they are a necessity for Field Batteries in camp when grooming and cleaning harness and for Garrison Batteries drilling with heavy guns.

7. The Council recommend that Par. 6 of the Report of Council of last year be made a rule of the Association. The Secretary has been directed to give notice of motion to this effect.

8. The Council again reiterates the recommendation of the Council of 1890 and previous Councils, and would urge very strongly "that a longer period than 12 days annual drill be allowed Artillery and that Garrison as well as Field Batteries be drilled each year." Much valuable preliminary instruction could be given in a few additional days which it is now impossible to even touch upon. If for sufficient reason it be found impossible to comply with either of the above recommendations, it should be requested that in any case Field Batteries be permitted to muster their officers, Nos. 1, drivers and horses the day before going into camp.

(Sgd) JOHN STEWART, MAJOR,  
*President of Council.*

## Report

1. This the previous vanced by th manding offi

The pu observed, bu on actual ser necessary ex adhering stri in some few thus doing a

For the continued th

2. The over the sam officers and and Woodst dance of an ments may detachments

The im A mod removing ev

3. The satisfactory, dictates, the the very un practice son

It is un shall be sup allowance, t Executive.

## Report of the Executive Committee, 1891.

### FIELD ARTILLERY PRACTICE.

1. This practice was carried out on the same general lines as during the previous year. The Range-finding practice being still further advanced by the employment of the whole battery under its own commanding officer.

The published detailed rules (vide report) were generally well observed, but in some instances it was noticed that precautions necessary on actual service were not observed; much time was lost in giving the necessary executive words of command; many shots were wasted in not adhering strictly to the rules for finding the long and short brackets, and in some few cases the range had been ascertained before fire was opened, thus doing away with the instructional value of the practice.

For these reasons it is proposed that the same practice should be continued through the ensuing drill season.

2. The annual competitive gun practice was carried out at Kingston over the same range as the previous year, and was participated in by 31 officers and detachments from twelve batteries; the Winnipeg, Newcastle and Woodstock batteries practised at local camps under the superintendance of an Assistant Inspector of Artillery. It is hoped that arrangements may be made by which the two latter batteries may in future send detachments to Kingston.

The improved sight was used with marked advantage.

A modification of the present system of marking, with the object of removing every uncertainty as to direct hits, is under consideration.

3. The camping, messing and transport arrangements were very satisfactory, and in future will be still further improved as experience dictates, the only drawback to the entire success of the meeting being the very unusual loss of one day through fog, rendering the subsequent practice somewhat hurried.

It is under consideration as to whether the messing for all detachments shall be supplied by the Association, and the cost deducted from the allowance, thus simplifying the arrangements both for detachments and Executive.

4. A certain number of Morris tubes have been ordered from England and it is to be hoped will soon be received for issue.

#### **DRILL AND DRIVING COMPETITION.**

This has been slightly modified by the addition of two gates and the distances being increased. It was very well and closely contested, the Durham Battery being again victorious and in consequence are now the owners of the valuable challenge cup presented by Col. Gzowski in 1884.

#### **GARRISON ARTILLERY PRACTICE.**

This practice was conducted on exactly similar lines to that of the previous year, the B. C. Brigade and two batteries of the N. B. Brigade being the only ones who practised at local headquarters.

Twenty-two officers and detachments from twenty-five batteries competed at the Island of Orleans in September, with very satisfactory results, the shooting being very good, the interest in the meeting well sustained and the weather all that could be desired.

It has been suggested that if satisfactory local arrangements can be effected, this meeting for artillery practice might with advantage be held next year near Halifax—the range being over Bedford Basin. The Committee are of opinion that steps should be taken to obtain the requisite authority, and to make the necessary arrangements if possible to carry out this suggestion.

#### **SHIFTING ORDNANCE COMPETITIONS.**

The A shift at the Island of Orleans was entered for by three detachments from the Halifax, one from the Montreal, and one from the P. E. I. Brigades. The latter were most unfortunate in their competition. One of the detachment, Corporal Rufus Macdonald, being severely injured by the accidental falling of the gun. His injuries subsequently proved to be fatal.

It is worthy of note that this is the first accident which the Association has had to record during a long series of years, in which similar competitions have been carried out.

The B shift was entered for by two detachments from the Halifax, and one from the Montreal Brigade, and like the A shift, was very well executed by all the detachments.

Upon the recommendation of the officer commanding the Regiment and the Commandants of their respective Schools, the prize offered to the Royal Schools of Artillery for Shifting Ordnance was divided, so as to allow of the competitions being held independently by "A" and "B" Batteries.

Acting u  
in this compe  
competition s  
competition a  
the total num  
shows a very  
to the membe  
Artillery Ass

## EFFICIENCY COMPETITIONS.

Acting upon the recommendation of Council, the credits obtainable in this competition were doubled in value. The general result of the competition shows that the interest taken in it is well maintained. The competition amongst the leading batteries has been extremely close, and the total number of marks obtained by those near the top of the lists shows a very creditable and increased state of efficiency, gratifying alike to the members of these corps, and to the supporters of the Dominion Artillery Association.

(Signed) D. T. IRWIN, Lt.-Colonel,  
*Chairman.*

C. E. MONTIZAMBERT, Lt.-Col.	} <i>Members.</i>
W. H. COTTON, Lt.-Col.	
A. H. MACDONALD, Lt.-Col.	
J. R. ARMSTRONG, Lt.-Col.	

## Secretary's Report.

The Secretary presents herewith the Sixteenth Annual Report of the Association, containing details of the several competitions carried out during the year 1891.

The past year, in respect to affiliations, was one of the most successful in the annals of the Association; the record of 1890, which was slightly above the average, having been exceeded by two Field Batteries and four Garrison Batteries.

The affiliations for the year were as follows:—

- Royal Military College.
- "A" and "B" Royal Schools of Artillery.
- 16 Field Batteries.
- 30 Garrison Batteries.

The only Field Batteries wanting to complete the record are the Woodstock and Richmond.

The total receipts during the year amounted to \$3,575.50, from the following sources:—

Government Annual Grant .....	\$ 900 00
Government Special Grant .....	2,000 00
Hamilton Powder Company .....	100 00
Annual Subscriptions .....	40 00
Affiliations .....	370 00
Refund .....	165 50

\$3,575 50

The total disbursements amounted to \$3,425.34, of which \$1,218.79 was for Garrison Artillery competition at Quebec.

The balance in Bank of Montreal to the credit of the Association amounts to—

Savings Department .....	\$1,023 33
Current Expenditure .....	1,100 08*

Total..... \$2,123 41

The former is deposited in accordance with decision of last Annual General Meeting, and pending other arrangements, in the name of the Association, subject to the joint order of the Chairman of Executive Committee and Secretary-Treasurer.

\*\$89.75 of this amount is due for uncashed cheques.

The adv  
consideration

His Ex  
continued hi  
Battery mak  
of their resp  
in which the  
means of ma  
the Dominio

The Ha  
donation to  
of Dwight B

As aut  
Mercier tro  
holding the

As dire  
also been is  
periods.

Death I  
of General I  
been remov  
welfare of t  
approval an

There i  
bership—wi

The am  
officers and  
camp in 189

Department  
Attenti

1891. The  
for adoption

Ottawa

The advisability of incorporating the Association is suggested for consideration of Council.

His Excellency the Governor-General, Lord Stanley of Preston, continued his donation of two silver cups, one each to Field and Garrison Battery making highest total points in General Efficiency Competition of their respective arms. It is generally conceded that the competitions in which these cups are awarded as the principal prizes have been the means of materially augmenting the standard of artillery efficiency in the Dominion. His Excellency's generous donation is duly appreciated.

The Hamilton Powder Company has also generously continued its donation to the funds of the Association. In this connection the name of Dwight Brainerd, Esq., is submitted for election to life membership.

As authorized last year, photographs of the Turnbull shield and Mercier trophy were obtained and copies forwarded to the batteries holding them for 1890 and 1891.

As directed by Council at last Annual Meeting, special badges have also been issued to the detachments holding the shield for the same periods.

Death has again visited the ranks of our life members and the names of General R. G. A. Luard, C.B., and John Hogg, Esq., of Guelph, have been removed in consequence. The former was deeply interested in the welfare of the Association—its aims and efforts met with his hearty approval and co-operation.

There is room in our large cities for the extension of our life membership—will our members make an effort in this direction.

The amount shown as refund was on account of working pay to officers and men employed during Field Artillery practice at Kingston camp in 1890. The working pay for 1891 still remains unpaid by the Department.

Attention is drawn to the small number of annual subscribers for 1891. The action of Council in directing that a new rule be submitted for adoption will in a measure remedy this.

Respectfully submitted,

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

Ottawa, 4th March, 1892.

# CUPS

Competed for in the Association Competitions.

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

Presented by His Excellency the Governor-General to Battery making the highest number of points for General Efficiency during the year (see table). Won by Hamilton Field Battery, Major H. P. Van Wagner, comdg.

### BATTERIES WHICH HAVE WON CUPS PREVIOUSLY.

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

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

### LANSDOWNE CUP.

Held by the year by Battery second on list for General Efficiency :  
No. 1 Battery, 1st Brigade, Major Nicoll comdg

Held in 1888 by Hamilton Field Battery.

1889	by Quebec	"	"
1890	by Hamilton	"	"

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

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

Held for  
No. 5 Battery

Held

Firing C  
be the proper  
sented by Lie  
lery. Won b

Firing C  
conditions as  
Assistant In  
Major McLe

## WON IN PREVIOUS YEARS BY :

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

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

## LANSDOWNE CUP.

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

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

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

## 5. Oswald Challenge Cup.

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

## HELD PREVIOUSLY BY :

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

## 6. Montizambert Challenge Cup.

Firing Competition, Field Artillery, Province of Ontario. Same conditions as No. 5. Presented by Lieut.-Colonel C. E. Montizambert, Assistant Inspector of Artillery. Won by Durham Field Battery, Major McLean, comdg.

HELD PREVIOUSLY BY:

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

7. Gzowski Challenge Cup.\*

Drill and Driving, Field Batteries.—To be the property of any Battery winning it two years in succession. See report. Presented by Col. Sir Casimir Gzowski, Staff Officer Engineer Force, A. D. C. to the Queen. Won by the Durham Field Battery, Major McLean, comdg.

HELD PREVIOUSLY BY:

- 1884 Quebec Field Battery.
- 1885 Kingston “
- 1886 Durham “
- 1887 Ottawa “
- 1888 Gananoque “
- 1889 No. 2 Battery, 1st Brigade.
- 1890 Durham Field Battery.

Mercier Challenge Trophy.

Presented by Hon. Honoré Mercier. To be competed for with 64-pr. R. M. L. guns. To become the property of any Battery winning it in three successive competitions. Won by Digby Battery, Major Daley, comdg.

1890 Held by Cobourg Garrison Battery.

Turnbull Challenge Shield.

To be held for the year by the Battery making the highest aggregate score with 64-pr. R. M. L. and 40-pr. R. B. L. guns. Won by No. 4 Battery, Halifax Brigade.

1890 Held by Cobourg Battery, Garrison Artillery.

This cup is now the property of the Durham Battery.

The fol  
published s  
collated and

The fol  
etc., is sanct  
District Sta

Oil  
Greas  
Dubb  
Soft S  
Pipe  
Brick  
Spon  
Cloth

The at  
directed to  
ly posted u

The p  
ditions ther  
any cause t  
be balance  
on the Ann

The L  
District S  
required to  
of the entr

No.

Sub-p  
for the Mi

## General Orders, 1888-92.

The following extracts from General Orders for years 1888-92—published since last issue of Regulations and Orders—have been collated and are printed here for facility of reference :

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

#### NO. 5.—FIELD BATTERIES OF ARTILLERY.

##### *Annual Allowance, Cleaning Stores, etc.*

The following annual allowance of material for care of equipment, etc., is sanctioned and will be applied for by requisition through the District Staff :

Oil	{ Rangoon .....	8 Pts.
	{ Neat's foot.....	8 "
Grease .....		12 lbs
Dubbing.....		12 "
Soft Soap .....		12 "
Pipe Clay.....		10 "
Bricks, bath .....		12
Sponges, small.....		4
Cloths, sponge.....		8

#### 6.—ARTILLERY STORES LEDGER.

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

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

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

### General Order No. 6, 29th March, 1889.

#### NO. 5.—ROYAL SCHOOLS OF MILITARY INSTRUCTION.

##### *N. C. O. and Men joining.*

Sub-paragraph (3) of paragraph 1055 "Regulations and Orders for the Militia, 1887" is hereby amended by adding after the word

"thereof" in fifth line, the words "or the Surgeon or Assistant Surgeon giving the certificate of fitness for service, if such certificate has been subsequently found incorrect." The sub-paragraph as amended will read as follows:

"(3.) If any N. C. Officer or man who is physically unfit for service, or who cannot read and write fairly, is sent to a school at the public expense, he will not be admitted for instruction, but shall be returned to his corps, and the Commanding Officer thereof, or the Surgeon or Assistant Surgeon giving the certificate of fitness, for service, if such certificate has been subsequently found incorrect, will be required to make good the expenses incurred."

**General Order No. 11, 14th June, 1889.**

**NO. 1.—ORDERS RELATING TO THE ARTILLERY.**

Term "Section" to take the place of that of "Division."

It has been decided that the term "Division" is no longer to be used to denote a part of a battery of Field or Garrison Artillery. The word "Section" will be substituted, but the "sub-division" will continue to be so designated.

*Bridoon Bits and Reins.*

The following method of carrying bridoon bits by batteries of Field Artillery, whenever bearing reins are worn, is approved and published for the guidance of all concerned:—Bridoon bits will be carried in the horse's mouth; bearing reins of the same pattern as now in use, will be substituted for the bridoon reins, the former will be secured to the rings of the bridoon bits, the centre of them being kept in place by buckling into the wither strap, the reins being passed through the throat lash.

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

**NO. 3.—ARTILLERY STORE LEDGER.**

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

**General Order No. 5, 9th May, 1890.**

**NO. 1.—REGULATIONS AND ORDERS FOR THE MILITIA, 1887.**

*Honours and Salutes.*

The following will be added as sub-section (3) to paragraph 477:

The composition of the firing party will be as follows:—

One officer in command.

One officer for two guns.

One officer in addition, if more than two guns.

One no  
than five gu  
One no  
In firin  
be allowed  
guns availa  
With cast i  
there will b  
gun is to be

No. 3.—I

Paragr  
437. T  
armed with  
Commandin  
District, wi  
(a.) For  
of b  
(b.) Rur  
cam  
be e  
(c.) Rur  
year  
satis  
each  
The v  
have been

The fo  
4. As  
morning, n  
vice on Su  
and Officia

The fo  
745a.  
ment, each  
articles of  
the trainin

NO. 1.—

The fo  
(2.) I  
on the stro  
proceeding

One non-commissioned officer, and not less than four, nor more than five gunners for each gun.

One non-commissioned officer in charge of ammunition supply.

In firing salutes with field guns an interval of ten seconds is to be allowed between the rounds, but should there be fewer than six guns available, no gun is to be fired twice in less than one minute. With cast iron ordnance, when the number of guns will admit of it there will be an interval of ten seconds between each round, but no gun is to be fired twice in less than two minutes.

#### General Order No. 9, 11th July, 1890.

NO. 3.—REGULATIONS AND ORDERS FOR THE MILITIA, 1887.

##### *Ammunition.*

Paragraph 437 has been amended to read as follows:

437. The annual allowance of ammunition for practice by corps armed with rifles to be drawn for each man actually effective by Commanding Officers through the Deputy Adjutant General of the District, will be:

- (a.) For city corps armed as above, 40 rounds of ball and 20 rounds of blank.
- (b.) Rural corps armed as above, for any year they are trained in a camp of exercise, 20 rounds of ball and 20 rounds of blank to be expended in camp.
- (c.) Rural corps armed as above, not ordered for paid drill in any year, provided the Deputy Adjutant General of the District is satisfied it will be *bona fide* expended at target practice by each man belonging to the corps, 20 rounds of ball.

The words "viz. twenty rounds" at the end of paragraph 430 have been cancelled.

##### *Honours and Salutes.*

The following is added as sub-section 4 to paragraph 477:

4. As a general rule no salute will be fired before 8 o'clock in the morning, nor after sunset, nor during the usual hours of Divine Service on Sundays. The same rule will apply to Guards of Honour and Official receptions.

##### *Tents and Blankets.*

The following is added as paragraph 745a.

745a. Before the corps marches away from the place of encampment, each Commanding Officer of a corps is required to see that all articles of camp equipment received for the use of his corps, during the training, are delivered to the Camp Quartermaster.

#### General Order No. 8, 20th June, 1890.

NO. 1.—REGULATIONS AND ORDERS FOR THE MILITIA, 1887.

The following has been added as sub-section (2) to paragraph 370:

(2.) If transport is required on Militia service for any person not on the strength of the Troop, Battery or Company, the reasons for his proceeding with the Corps must be written on the requisition.

**General Order No. 19, 16th October, 1891.****NO. 2.—PAYMENTS ON MILITIA SERVICE.**

The following rules in regard to accounts and vouchers for payments on Militia service, are to be strictly obeyed:—

1. With the exception of the regular pay lists of the service itself, no accounts for Militia payments are to be made out by Officers or Clerks of the Department of Militia and Defence, or of the District Staff, or by any Militia officer, non-commissioned officer or man employed in connection with the service for which such account is rendered.

Creditors will make out their own accounts.

2. In no case will the signature of any of the officers, &c., above specified, be accepted in receipt of such accounts.

Creditors are to receipt their own accounts, either by themselves, or by their legally constituted agent, not being one of the parties above described.

3. In cases where the creditor cannot write, his accounts must be made out, and his receipt witnessed by some other party than an officer, &c., of the Militia service, as above set forth.

**General Order No. 20, 20th November, 1891.****NO. 1.—CARE OF ARMS AND EQUIPMENT.**

The following is added as sub-section (2) of paragraph 307. Regulations and Orders, 1837:—

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

**NO. 2.—REQUISITIONS.**

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

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

Ra

1. Batt  
which a lan  
ing instruct

2. RA  
parade in d  
practice in  
practice gro  
least 100 ya  
for action.”

The ta  
1800 yards.

(a.) Th  
specially se  
of fire, will  
selected pos  
“advance fo  
action.

(b.) Th  
..... shell  
will direct t  
orders given  
carried out.

(c.) Th  
firing from  
order No...  
distance for  
included bet  
taken for th  
target is inc  
observed rou  
the mean of  
short the ran

(c.) Th  
with shrapne  
these two ro  
being altere  
fired from e

## Circulars, 1891.

### Range Finding Practice, 1891.—Field Batteries.

#### GENERAL REGULATIONS.

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

2. RANGE FINDING BY THE BATTERY.—The entire battery will parade in drill order, with practice ammunition, as detailed for similar practice in 1890—equally distributed in the limbers—march to the practice ground, and will be halted, if possible, under cover, but at least 100 yards in rear of the firing point, and be ordered to “Prepare for action.”

The target will be placed at an estimated range not less than 1800 yards.

(a.) The officer commanding, accompanied by a N. C. officer, specially selected for his aptitude in judging distance, and observation of fire, will advance and place himself on the windward flank of the selected position for action; he will then give the command (or signal) “*advance for action*,” when the battery will trot up and come into action.

(b.) The officer commanding will then give the command *Battery*, ..... *shell, load* ..... *range*, ..... *yards*. The sectional officers will direct the deflection to be given, and will be responsible that all orders given by the officer commanding are repeated, and correctly carried out.

(c.) The officer commanding will then give the caution “*Slow firing from the* .....” “*Shot*,” if over or under, he will give the order *No. ... gun, range*, ..... *yards*, adding or subtracting the full distance for the long bracket (not less than  $\frac{1}{10}$  range), if the target is included between the first and second rounds, the mean range will be taken for the third round, and this practice will be repeated until the target is included in a bracket of not more than 50 yards by two well observed rounds. A group of three to six shell will then be fired at the mean of these two ranges, and if from  $\frac{1}{3}$  to  $\frac{1}{2}$  the rounds are short the range may be considered to have been found.

(e.) The order will then be given “*Stand fast*.” ..... *Section*, with *shrapnel*, ..... *fuze, load, slow fire, &c.* After observations of these two rounds the other section will be ordered to load, the fuze being altered if necessary. One more round of shrapnel will then be fired from each gun.

3. The attention of all ranks is specially directed to sections 8 and 9, Chap. IV, Vol. II. F. A. Drill, omitting "shooting at moving objects," and "Replacement of ammunition," &c.

4. The officer commanding is not limited to the employment of Nos. 1 as layers, the two best marksmen in each sub-division should be generally selected for this purpose, and should fall in as Nos. 7 and 8.

5. The range party will keep a careful record of each round, judging by observation only. It is desirable, if possible, to signal them before shrapnel are fired.

The range record will be read out to the whole battery after practice is over, and the general results commented upon by the officer commanding and the inspecting officer. Sectional officers should keep a record of each round, showing range, deflection, and result, both as observed from the battery and by the range party.

6. It is most important to bear in mind that the instructional value of the above practice depends in a great measure upon its being carried out with every precaution supposed to be necessary in actual service, in consequence the greatest exactitude and celerity are indispensable in every movement.

No competition whatever will be sanctioned.

D. T. IRWIN, Lieut.-Colonel,  
*Inspector of Artillery.*

29th May, 1891.

### Annual Gun Practice, 1891.

#### GARRISON BATTERIES.

1. The following arrangements will be made for the Annual Gun Practice of Garrison Batteries or Brigades in the Dominion :

2. With the approval and sanction of the Honourable the Minister of Militia and Defence and the Major General Commanding the Militia, a Garrison Artillery competition will be held at Quebec during the second week in September, under the auspices of the Dominion Artillery Association.

3. Transport will be provided from local headquarters to Quebec and return, for not more than four detachments from the Halifax and Montreal Brigades, and three detachments from the New Brunswick and Prince Edward Island Brigades, and for not more than one detachment from each other affiliated battery, the British Columbia Brigade excepted. If transport can be obtained for detachments from the remaining Batteries in each Brigade there will be no objection to their being sent. In this case, however, the detachments must be selected from their own Batteries.

4. Each detachment to consist of two officers and seven non-

commissioned  
composed of

5. The n  
from the num

6. Office  
notify the In  
officers and c  
make the ne  
headquarters  
detachments

7. Rule  
Officers' inst  
tion firing.

8. Stan

The fo  
held at Isla

FIRING  
detachment

64-p

"

40-P

Range

OFFIC

batant offi

G

(a.) I

before the  
detachmen  
names, wh

of firing b

(b.) I

(c.) I

gun may  
firing, or  
fully reco

commissioned officers or gunners, and those from Brigades may be composed of representatives selected from the whole Brigade.

5. The number of detachments from Brigades will be deducted from the number of Batteries authorized to practise at headquarters.

6. Officers commanding Brigades and Batteries are requested to notify the Inspector of Artillery without delay, as to the number of officers and detachments which will be sent to Quebec, and will also make the necessary requisition for ammunition to be used at local headquarters by Batteries which do not intend to send representative detachments to Quebec.

7. Rules for practice, as published by Inspector of Artillery, 1890. Officers' instructional practice will be carried out before the competition firing.

8. Standing orders for Artillery Camps 1889 will remain in force.

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

GENERAL REGULATIONS.

The following Firing and Shifting Ordnance competitions will be held at Island of Orleans, Quebec :—

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

64-pr. R.M.L. gun—Common shell, plugged	- - -	3
“ “ —Shrapnel shell, time fuze	- - -	1
		—

Total,	- - - - -	4
--------	-----------	---

40-pr. R.B.L. gun—Common shell, plugged	- - -	3
---	-------	---

Range for 64-pr. about 2,000 yds., and for 40-pr. about 1,700 yds.

OFFICERS' COMPETITION.—(64-pr R.M.L. gun) open to all combatant officers present with detachments. To fire each—

Common shell, plugged	- - -	4
-----------------------	-------	---

GENERAL RULES FOR FOREGOING COMPETITIONS.

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

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

(c.) If considered necessary, two trial shots from each nature of gun may be fired by the Umpire at the commencement of each day's firing, or if target has to be shifted,—the results to be signalled and fully recorded.

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

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

If still a tie, then by firing 40-pr. plugged shell at longer range.

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

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

MONDAY, 7TH—Halifax, 5 Batteries.  
TUESDAY, 8TH—Halifax, 2 Batteries.  
Montreal, 3 Batteries.  
Halifax Shifting Ordnance.  
WEDNESDAY, 9TH—Montreal, 3 Batteries.  
N. B. Bde., 2 Batteries.  
Montreal, Shifting Ordnance.  
THURSDAY, 10TH—N. B. Bde., 3 Batteries.  
P. E. I., 2 Batteries.  
N. B., Shifting Ordnance.  
FRIDAY, 11TH—P. E. I., 1 Battery.  
Yarmouth, 1 Battery.  
P. E. I., Shifting Ordnance.  
Digby, 1 Battery.  
Mahone Bay, 1 Battery.  
Levis—No. 1 Battery.  
SATURDAY, 12TH—Levis—No. 2 Battery.  
Quebec, 2 Batteries.

Inspector and Assistant Inspector of Artillery will act as Umpires, with power to add to their number.

Executive Officer and Camp Adjutant, Capt. Rutherford, C.A.

Camp Quartermaster and Transport Officer, Major Crawford Lindsay, Quebec Field Battery.

Register-keeper, Capt. Donaldson, Secretary D. A. Association.

Range Officers and working parties furnished by "B" B'y, C.A.

Officers Comdg. Brigades and independent Batteries, will apply to the Deputy Adjutant-General of their District for the necessary transport Requisitions.

OTTAWA, 7th. August, 1891

D. T. IRWIN, Lt.-Colonel,  
*Inspector fo Artillery.*

## Field Artill

Detachm  
gunners from  
castle and W

Transpor  
and also an a  
absent from I

Transpor  
G. T. R. to K  
agent when t

The num  
O. (7) 30th M

The rang

The Rub

of Artillery fo

The Offi

practice of ea

Tents, b

ground by th

An Offi

Meals w

man, for deta

Adjutant as

Each m

lowing articl

Officers

sible with th

of arrival, du

Detachm

Transpo

camp, if prev

The hou

be notified b

present and

officer, who v

officer will h

Detachm

The Um  
detachment,  
irregularity o

Ties to

i. Po

### Field Artillery Competition, Kingston, 21st to 25th Sept., 1891.

Detachments will consist of four officers and eight N. C. O's or gunners from all Batteries except those of Winnipeg, Sydney, Newcastle and Woodstock.

Transport will be allowed from Battery headquarters and return, and also an allowance of 75 cents per day for each day necessarily absent from Battery headquarters.

Transport can be obtained at single fare by either the C. P. R. or G. T. R. to Kingston and return. Certificates to be obtained from agent when tickets are purchased.

The number of rounds to be expended will be as detailed in G. O. (7) 30th May, 1890.

The range will not be less than 1900 yards.

The Rules for Practice will be those published by the Inspector of Artillery for 1890.

The Officers' Practice will be carried out before the competitive practice of each Battery.

Tents, blankets and palliasses will be issued on the practice ground by the Camp Quartermaster.

An Officers' Mess will be established.

Meals will be provided for N. C. O. and men at 25 cents each per man, for detachments only which have previously notified the Camp Adjutant as to date and hour of arrival and number of meals required.

Each man will be required to bring with him into camp the following articles:—Tin plate, tin cup or canteen, knife, fork and spoon.

Officers commanding Batteries will communicate as soon as possible with the Adjutant, R. S. Artillery, Kingston, notifying the date of arrival, duration of stay in camp, and number of officers.

Detachments must come to camp in Marching Order.

Transport will be provided from the railway station, Kingston, to camp, if previously arranged for.

The hour each detachment will be required to be at the guns will be notified by the Camp Adjutant in orders. Detachments must be present and complete ten minutes previously, under charge of an officer, who will remain with his detachment during its practice. The officer will hand a list of the competitors to the Umpire.

Detachments to parade in clean fatigue dress.

The Umpire will have full discretionary powers to disqualify any detachment, or to inflict a penalty of from 2 to 5 points for each irregularity or mistake at drill noticed by him.

Ties to be decided by—

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

## ORDER OF FIRING.

MONDAY, 21ST September—Ottawa.  
 Kingston.  
 TUESDAY, 22nd " —Quebec.  
 Durham.  
 Gananoque.  
 WEDNESDAY, 23rd " —1st Brigade.  
 Shefford.  
 THURSDAY, 24th " —Welland Canal.  
 Hamilton.  
 London.  
 FRIDAY, 25th " —Toronto.  
 Montreal.

STAFF—As in 1890.

D. T. IRWIN, Lt.-Colonel,

OTTAWA, 28th August, 1891.

*Inspector of Artillery.*

To the h  
 of silver cross  
 To the f  
 highest in a g  
 Scores w

Badges a  
 Prizes, v

Aggrega  
 Individu  
 1st  
 2nd  
 Badges a

Aggrega  
 Individu  
 1st  
 2nd  
 Badges a

Aggrega

\*Cup to beco  
 tery making high  
 condition.

# Prize List, 1891.

## Firing Competitions.

### BADGES.

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

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

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

### ROYAL MILITARY COLLEGE.

Badges as for a Field Battery.

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

### ROYAL SCHOOLS OF ARTILLERY.

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

Aggregate .....	\$15 00
Individual:—	

1st Prize.....	6 00
2nd " .....	4 00

Badges as for Field Batteries.

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

Aggregate .....	15 00
Individual:—	

1st Prize.....	6 00
2nd " .....	4 00

Badges as for Garrison Battery.		50 00
---------------------------------	--	-------

### FIELD BATTERIES.

#### GENERAL COMPETITION.

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

Aggregate Scores—1*	Oswald Cup and..	\$50 00
2 .....		40 00
3 .....		30 00
4 .....		20 00
5 .....		10 00
		150 00

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

Individual Scores—1 at \$15	.....	\$15 00	
3 " 10	.....	30 00	
3 " 8	.....	24 00	
3 " 6	.....	18 00	
4 " 5	.....	20 00	
5 " 4	.....	20 00	
5 " 3	.....	15 00	
6 " 2	.....	12 00	
			\$154 00

OFFICERS' COMPETITION.

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

GARRISON BATTERIES.

COMPETITIONS AT ISLAND OF ORLEANS.

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

Aggregate scores—1	.....	\$30 00	
2	.....	20 00	
3	.....	15 00	
			65 00

Individual Scores—1 at \$10	.....	\$10 00	
3 " 8	.....	24 00	
4 " 6	.....	24 00	
6 " 2	.....	12 00	
			70 00

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

Aggregate Scores—1	.....	\$25 00	
2	.....	15 00	
3	.....	10 00	
			50 00

Individual Scores—1 at \$8	.....	\$ 8 00	
3 " 5	.....	15 00	
4 " 4	.....	16 00	
6 " 2	.....	12 00	
			51 00

*Aggregate 64 and 40-pounder Guns.*

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

OFFICERS' COMPETITION.

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

OR  
1st Pr  
2nd  
  
Batter  
British Col  
  
1 Gzo  
2 ...  
3 ...  
4 ...  
  
Cup to  
in successio  
  
Royal  
  
Shift A  
  
Shift B  
  
One fir  
prizes if thro  
ments comp  
  
One pri  
  
To N.C  
Kingston, Q  
1st Priz  
2nd "  
3rd "  
4th "

*64-pounder Guns.*

OFFICERS' COMPETITION—LOCAL HEADQUARTERS.

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

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

\$154 00

**Drill and Driving Competition.**

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

50 00

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

**Shifting Ordnance Competition.**

Royal Schools of Artillery ..	\$25 00
-------------------------------	---------

65 00

GARRISON BATTERIES.

ISLAND OF ORLEANS.

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

70 00

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

50 00

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

BRITISH COLUMBIA.

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

51 00

**Short Course Efficiency.**

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

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

50 00

50 00

**Voluntary Drills.**

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

**General Efficiency.**

FIELD AND GARRISON.

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

ROYAL MILITIA

Aggregate prize  
Individual " "

*Batteries*

- 1 Durham Battery
- 2 No. 1 Battery
- 3 Newcastle Battery
- 4 Hamilton
- 5 Toronto

*Rank and*

- 1 Corpl. Wilk
- 2 Gunner Cox
- 3 Sergt. Shaug
- 4 Sergt. McC
- 5 Corpl. Johns
- 6 Sergt. McG
- 7 Gunner Sim
- 8 Sgt.-Major
- 9 Sergt. Hom
- 10 Qr.-Mr.-Sgt
- 11 Sergt. Hend
- 12 Gunner Mar
- 13 Sergt. Aitki
- 14 Qr.-Mr.-Sgt
- 15 Sergt. Cox
- 16 Sergt. Logg
- 17 Sergt. Carte
- 18 Corpl. Morl
- 19 Sergt. Dode
- 20 Sergt. Hut
- 21 Sergt. J. H.
- 22 Corpl. Tayl
- 23 Corpl. Kenn
- 24 Sergt. W. V
- 25 Corp. Noble
- 26 Sgt.-Major
- 27 S.-Sgt. Hay
- 28 Corpl. W. F
- 29 Gunner Lau
- 30 Corpl. New

- 1 Lieut. Know
- 2 Lieut. Davi
- 3 Major Couth

\$30 00

# Summary of Prizes Awarded.

ROYAL MILITARY COLLEGE COMPETITION..... \$25 00

## Royal Schools of Artillery.

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

Aggregate prize..... "A" Battery, R.S.A..... \$15 00  
 Individual " -1..... Sgt.-Major Stroud, "A" Battery..... 6 00  
 " " -2..... S.-Sgt. Newnham, "A" Battery..... 4 00

## Field Batteries.

### AGGREGATE SCORES.

Battery.	Score.	Prize.
1 Durham Battery .....	277 .....	\$50 00
2 No. 1 Battery, 1st Brigade .....	266 .....	40 00
3 Newcastle Battery.....	255 .....	30 00
4 Hamilton " .....	244 .....	20 00
5 Toronto " .....	241 .....	10 00

### INDIVIDUAL SCORES.

Rank and Name.	Battery.	Score.	Dir.	C. S. Score.	
1 Corpl. Wilkinson.....	No. 1, 1st Bde..	44 .....			\$15 00
2 Gunner Cox.....	Welland .....	42 .....	11 .....		10 00
3 Sergt. Shaughnessy.....	Newcastle .....	42 .....	10 .....		10 00
4 Sergt. McCarthy.....	Durham .....	41 .....			10 00
5 Corpl. Johnson.....	Montreal .....	40 .....	11 .....		8 00
6 Sergt. McGregor.....	No. 1, 1st Bde..	40 .....	10 .....		8 00
7 Gunner Simmons.....	No. 1, 1st Bde..	39 .....			8 00
8 Sgt.-Major Bertrand.....	Quebec .....	38 .....	12 .....		6 00
9 Sergt. Homer.....	Hamilton .....	38 .....	10 .....	32 .....	6 00
10 Qr.-Mr.-Sgt. Russeli.....	Newcastle.....	38 .....	10 .....	28 .....	6 00
11 Sergt. Henderson.....	Durham.....	38 .....	10 .....	27 .....	5 00
12 Gunner Martin.....	Toronto.....	38 .....	10 .....	25 .....	5 00
13 Sergt. Aitkins.....	Gananoque.....	37 .....	11 .....		5 00
14 Qr.-Mr.-Sgt. Ogg.....	No. 1, 1st Bde..	37 .....	10 .....	27 .....	5 00
15 Sergt. Cox.....	Hamilton .....	37 .....	10 .....	24 .....	4 00
16 Sergt. Loggie.....	Newcastle.....	37 .....	9 .....		4 00
17 Sergt. Carter.....	Toronto.....	36 .....	12 .....		4 00
18 Corpl. Morley.....	Welland .....	36 .....	10 .....	24 .....	4 00
19 Sergt. Dodds.....	Gananoque.....	36 .....	10 .....	22 .....	4 00
20 Sergt. Hutcheson.....	Durham.....	35 .....	11 .....	27 .....	3 00
21 Sergt. J. H. Seale.....	Shefford.....	35 .....	11 .....	25 .....	3 00
22 Corpl. Taylor.....	Toronto.....	35 .....	10 .....		3 00
23 Corpl. Kenneally.....	Durham.....	35 .....	7 .....		3 00
24 Sergt. W. Williams.....	Shefford.....	34 .....	12 .....		3 00
25 Corp. Noblett.....	Hamilton .....	34 .....	11 .....		2 00
26 Sgt.-Major McMahon ..	Durham.....	34 .....	9 .....		2 00
27 S.-Sgt. Hay.....	Durham.....	32 .....	10 .....	25 .....	2 00
28 Corpl. W. Reid.....	Shefford .....	32 .....	10 .....	22 .....	2 00
29 Gunner Laurie.....	Durham.....	32 .....	10 .....	20 .....	2 00
30 Corpl. New.....	Hamilton .....	32 .....	9 .....		2 00

### OFFICERS' COMPETITION.

1 Lieut. Knowles..... No. 1 By., 1st Brigade..... Value 25 00  
 2 Lieut. Davidson..... Newcastle Battery..... " 15 00  
 3 Major Coutlee..... Winnipeg Battery..... " 10 00

90 00

**Garrison Artillery.**

ISLAND OF ORLEANS.

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

AGGREGATE SCORES.

1 Digby Battery .....	72 points.	Mercier trophy and....	\$30 00
2 No. 4 By., Halifax Brigade.....	67 "		20 00
3 No. 6 By., Halifax Brigade.....	47 "		15 00

INDIVIDUAL SCORES.

<i>Rank and Name.</i>	<i>Battery.</i>	<i>Dir.</i>	<i>C.S.</i>	<i>Score.</i>	<i>Time.</i>	<i>Points.</i>
1 Sgt.-Major Gordon.....	No. 4, Halifax Bde..				23 ..	\$10 00
2 Sergt. Pendrigh.....	Yarmouth.....				21 ..	8 00
3 Gunner Bent.....	Digby.....	6			20 ..	8 00
4 Sgt.-Major Woodman.....	Digby.....	5			20 ..	8 00
5 Gunner Clarke.....	Cobourg.....				19 ..	6 00
6 Corpl. Laliberte.....	No. 2, Quebec.....				18 ..	6 00
7 Sergt. Burnham.....	Digby.....	8			17 ..	6 00
8 Sgt.-Major Broadhurst.....	No. 4, Halifax Bde..	5			17 ..	6 00
9 Corpl. McJunkin.....	No. 3, N. E. Bde..	8			16 ..	2 00
10 Sergt. Mackay.....	No. 2, Halifax Bde..	6	16	9.48	16 ..	2 00
11 Bomb. Theakston.....	No. 5, Halifax Bde..	6	16	10.00	16 ..	2 00
12 Sergt. Laflamme.....	No. 2, Levis.....	6	16	10.00	16 ..	2 00
13 Corp. Pierce.....	No. 1, Halifax Bde..	6	11	7.59	16 ..	2 00
14 Gunner Woodburn.....	No. 1, Halifax Bde..	6	11	9.30	16 ..	2 00

*40-pr. R.B.L. Gun.*

AGGREGATE SCORES.

1 No. 1 Battery, N. B. Brigade.....	71 points.		\$25 00
2 No. 5 Battery, Halifax Brigade.....	70 "		15 00
3 No. 7 Battery, Halifax Brigade.....	66 "		10 00

INDIVIDUAL SCORES.

<i>Rank and Name.</i>	<i>Battery.</i>	<i>Dir.</i>	<i>Points.</i>
1 Sergt. Robinson.....	No. 5, Halifax Bde .....		24 .....
2 Gunner Hayes.....	No. 3, Montreal Bde .....		24 .....
3 Gunner Smith.....	No. 1, N. B. Bde.....		24 .....
4 Sergt. McAfee.....	No. 1, N. B. Bde.....		23 .....
5 Corpl. Murley.....	No. 1, P. E. I. Bde.....	6	22 .....
6 Corpl. Hardy.....	No. 2, Quebec Bde.....	4	22 .....
7 Sergt. Byers.....	No. 2, Halifax Bde.....	5	21 .....
8 Corpl. Harmon.....	No. 6, Halifax Bde.....	5	21 .....
9 Corpl. Edwards.....	No. 3, N. B. Bde.....	5	21 .....
10 Corpl. Meneley.....	No. 3, N. B. Bde.....	5	21 .....
11 Gunner Watts.....	No. 4, P. E. I. Bde.....	3	21 .....
12 Corpl. McJunkin.....	No. 3, N. B. Bde.....	4	20 .....
13 Corpl. Hodgson.....	No. 7, Halifax Bde.....	4	20 .....
14 Gunner Moody.....	No. 7, Halifax Bde.....	4	20 .....

64 AND 40-PR. AGGREGATE SCORES.

	<i>64-pr.</i>	<i>40-pr.</i>	<i>Total.</i>	
1 No. 4 Battery, Halifax Brigade..	67	64	131	Turnbull Shield and \$25 00
2 No. 5 Battery, Halifax Brigade..	44	70	114	15 00
3 Digby Battery.....	72	40	112	10 00

OFFICERS' COMPETITION, 64-PR. R.M.L. GUNS.

1 Capt. Maxwell.....	Halifax Bde.....	25 points.	\$25 00
2 Lieut. Marsan.....	No. 1 By, Levis ..	20 "	15 00
3 Major Boulanger.....	No. 2 By, Quebec.	18 "	10 00

1. At the two trial should be allowed when two or been moved to be laid by the result signal  
 2. Before percussion fire or under cover  
 3. Each lay his gun in command of his of fuze, elevation correct the  
 4. Lots divulged un  
 5. The elevation.  
 6. The Range these signal he can visit mence firing  
 7. The responsible  
 8. On the practice  
 9. Each and may al and inform in front of  
 10. Or permit, or phones may  
 11. W by the Un shrapnel signalled va Battery, an  
 12. At the result of signalled at

## Rules for Practice, 1890.

nd.... \$30 00  
 ..... 20 00  
 ..... 15 00

Points.  
 .. 23 .. \$10 00  
 .. 21 .. 8 00  
 .. 20 .. 8 00  
 .. 20 .. 8 00  
 .. 19 .. 6 00  
 .. 18 .. 6 00  
 .. 17 .. 6 00  
 .. 17 .. 6 00  
 .. 16 .. 2 00  
 .. 16 .. 2 00  
 .. 16 .. 2 00  
 .. 16 .. 2 00  
 .. 16 .. 2 00

..... \$25 00  
 ..... 15 00  
 ..... 10 00

..... \$6 00  
 ..... 6 00  
 ..... 6 00  
 ..... 5 00  
 ..... 4 00  
 ..... 4 00  
 ..... 3 00  
 ..... 3 00  
 ..... 3 00  
 ..... 2 00  
 ..... 2 00  
 ..... 2 00

d and \$25 00  
 ..... 15 00  
 ..... 10 00

..... \$25 00  
 ..... 15 00  
 ..... 10 00

1. At the discretion of the Officer superintending the Practice, two trial shots, common shell with percussion fuze, or solid shot, may be allowed at the commencement of each Battery Competition, or when two or more Batteries are firing together, or *when target has been moved to a different locality during a competition.*—Trial shots to be laid by the Umpire, on the target, without any deflection and the result signalled.

2. Before commencing, guns to be in action, time fuzes not bored, percussion fuzes may be screwed in, detachment in post at the guns or under cover.

3. Each competitor to prepare and fix his own time fuzes, and to lay his gun without verbal assistance except from the officer in command of his detachment, who may advise the competitor as to length of fuze, elevation, deflection, etc., but who must not look over or correct the laying of the gun.

4. Lots to be drawn for the order of competitive firing, and not divulged until the competitor is called out by the Umpire.

5. The Range Officer is alone responsible for points given for elevation. No appeal.

6. The danger flag will be *hoisted*, and cease firing sounded by the Range Officer when it is necessary to visit the target. When these signals are *repeated* from the Battery and the firing flag lowered, he can visit the target, lowering the danger flag and sounding commence firing when he has returned to a place of safety.

7. The Officer in charge of the marking at the Battery is alone responsible for points given for direction. No appeal.

8. On all other matters the decision of the Officer superintending the practice is final. No appeal.

9. Each competitor may be told the points given for direction, and *may also select one of his Battery* to judge the effects of his shot and inform him of it, *but such assistant must not take up any position in front of that occupied by the guns.*

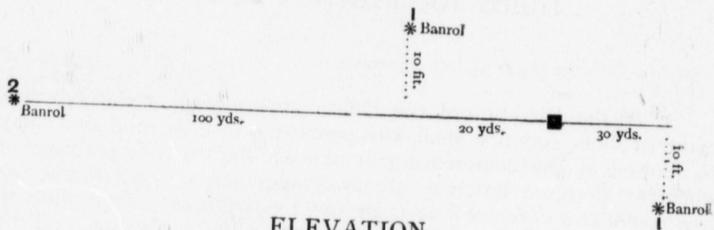
10. On Land Ranges, when the circumstances of the case will permit, or when two or more Batteries are practicing together, telephones may be used for signalling purposes.

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

12. At all competitive gun practice, with Field or Garrison guns, the result of the trial shots, and of the shrapnel shell only, will be signalled at once by the range party.

# Rules for Marking.

## Sea Ranges.



### ELEVATION.

#### Common Shell or Solid Shot.

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

#### Shrapnel Shell—Fuze Good.

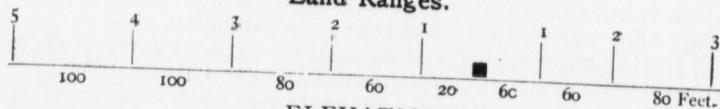
Under, between 1 and Target.....	3
" " 1 and 2 .....	4
Over .....	0

If Fuze blind, half points as for common shell, under and over.  
Direct hit—1 extra.

### DIRECTION.

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

## Land Ranges.



### ELEVATION.

#### Common Shell or Solid Shot.

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

#### Shrapnel Shell—Fuze Good.

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

If Fuze blind, half points as for common shell, under and over.  
Direct Hit—1 extra.

### DIRECTION.

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

1. If a  
to bore the  
under, as th  
2. No p  
target, whet  
3. Shel  
for elevation  
4. Shell  
points accor  
NOTE—The ab  
yards ;  
Target for t  
high by  
Target to b

### Range C

To signal va  
In bounds, o  
" u  
In line—flag  
Direct Hit—  
To signal sho  
Every 10 yds.

To signal bla  
then sign  
Danger—Cea  
Repeat previe

Field gun  
Garrison

A reduction o  
allowance.

## General Rules.

1. If a competitor breaks the bit in the Fuze, he will be required to bore the Fuze with another bit, at the next graduation over, or under, as the Officer superintending the Practice may decide.

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

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

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

NOTE—The above scale of distances for Land Ranges is calculated for ranges over 1300 yards; below this distance to be  $\frac{3}{4}$  the above.

Target for the longer ranges, 6 feet high by eight feet wide; below 1300 yards—4 feet high by 6 feet wide.

Target to be painted *white*, with a vertical *black* band 3 to 4 feet wide.

### Signalling.

Range Officer to face the Battery.

To signal values—each wave indicates 1 point.

In bounds, over—wave to the right.

“ under— “ left.

In line—flag to be held vertical.

Direct Hit—flag to be waved right and left overhead.

} *Blue flag.*

To signal shots out of bounds—

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

“ under “ left.

} *White flag.*

To signal blind shrapnel.—First wave *white* flag horizontally, and then signal values of blind shrapnel with *blue* flag.

*Danger—Cease firing—Red* flag held vertical.

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

### Time Allowance.

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

Garrison guns . . . . . 2 min. 30 sec. “

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

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

# RECORD OF PRACTICE, Showing Score of each Competitor.

## ROYAL SCHOOLS OF ARTILLERY.

*Competition with 9-pr. R.M.L. Guns.*

### "A" Battery.

RANK AND NAME.	No. of round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Bomb. Burnham .....	1	1	4	.	5				
	2	2	2	.	4				
	3	1	6	.	7				
	4	1	6	.	7				
	5	2	.	.	.				
	6	2	5	.	7	37	.	30	
Sergt. Inst. Ducharme .....	1	2	6	.	8				
	2	2	4	.	6				
	3	2	4	.	6				
	4	1	6	.	7				
	5	2	5	.	7				
	6	2	.	.	.	8	55	.	34
Gunner Roothame.....	1	2	6	2	10				
	2	1	6	.	7				
	3	2	4	.	6				
	4	2	6	2	10				
	5	2	3	.	5				
	6	1	.	.	.	7	10	.	38
Rid. Inst. Newnham.....	1	2	4	.	6				
	2	2	6	2	10				
	3	2	6	2	10				
	4	2	6	.	8				
	5	2	.	.	.				
	6	2	2	.	4	8	co	.	38
Q-Mr. Sergt. Harris.....	1	2	4	.	6				
	2	.	4	.	.				
	3	2	4	.	6				
	4	1	6	.	7				
	5	2	3	.	5				
	6	2	3	.	5	7	55	.	29
Sergt.-Major Stroud .....	1	2	6	2	10				
	2	2	6	2	10				
	3	1	6	.	7				
	4	1	6	.	7				
	5	2	5	.	7				
	6	2	3	.	5	7	15	.	46
Gunner Rousseau.....	1	1	4	.	5				
	2	2	2	.	4				
	3	1	6	.	7				
	4	1	6	.	7				
	5	1	2	.	3				
	6	2	3	.	5	9	00	.	31
Sergt. McIntyre.....	1	2	6	2	10				
	2	2	2	.	4				
	3	1	6	.	7				
	4	2	4	.	6				
	5	1	2	.	3				
	6	2	5	.	7				37

Total ..... 283  
 Add for extra direct hit. 2  
 -----  
 Average ..... 35.6

RANK AND NAME  
 Bomb. J. O'G  
 Bomb. W. M  
 Gunner J. La  
 Gunner A. W  
 Sergt. A. Cos  
 Gunner J. Bu  
 Bomb. J. Sla  
 Gunner J. La

RECORD OF PRACTICE, ETC.—Continued.

“B” Battery.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.			REMARKS.
		Dir.	Elev.	Total.	Min.	Sec.	Points lost for Overtime.	
Bomb. J. O'Grady.....	1	2	6	2	10			
	2	1	4		5			
	3	2	4		6			
	4	2	4		6			
	5	2						
	6	2	3		5	8	34	32
Bomb. W. Morgan.....	1	2	4		6			
	2	1	2		3			
	3	2	6		8			
	4	2	4		6			
	5	2	5		7			
	6	2	5		7	7	57	37
Gunner J. Lake.....	1	1	2		3			
	2	1	2		3			
	3	1	2		3			
	4		4					
	5	2	4		6			
	6	2	5		7	9	25	21
Gunner A. Whittemore.....	1	2	6		8			
	2	1	2		3			
	3	1	2		3			
	4	2	6		8			
	5	2	3		5			
	6	1	5		6	11	27	28
Sergt. A. Costin.....	1	2	6		8			
	2	1	2		3			
	3	2	6		8			
	4	2	6		8			
	5	2	3		5			
	6	2	3		5	8	06	37
Gunner J. Burke.....	1	2	6		8			
	2	1	4		5			
	3	2	6		8			
	4	1	4		5			
	5	1						
	6	2	5		7	7	23	33
Bomb. J. Slade.....	1	2	2		4			
	2	2	2		4			
	3	1	6		7			
	4	2	2		4			
	5	1	3		4			
	6	2	5		7	4	00	30
Gunner J. Laflamme.....	1	2	2		4			
		2	4		6			
		1	6		7			
	4	2	4		6			
	5							
	6	2	2		4	7	48	27
							Burst in bore.	
Total.....							245	
Average.....							30.6	

RECORD OF PRACTICE, ETC.—Continued:

FIELD BATTERIES.

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

No. 1 Battery, 1st Brigade.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Ht.	Total.	Min.			
Gunner Smith.....	1	2	4	.	6				Elevation 3° 51' Out of bounds right. Average length of fuze 10.5
	2	2	6	2	10				
	3	.	.	.	.				
	4	1	6	.	7				
	5	1	5	.	6				
	6	2	2	.	4	9	30	1	
Sergt.-Major Gilchrist.....	1	1	4	.	5				Embroidered badge. Competitors of Nos. 1 and 2 batteries fired alternately. No. 1 from No. 2 gun and No. 2 from No. 1 gun. Hazy.
	2	1	4	.	5				
	3	2	2	.	4				
	4	2	2	.	4				
	5	2	5	.	7				
	6	2	2	.	4	9	30	1	
Corporal Wilkinso.....	1	2	6	.	8				28Umpires:—Lt.-Cols. Irwin and Cotton. Fired morning 24th Sept. Prevented firing on 23rd on account of thick fog.
	2	2	6	2	10				
	3	2	6	2	10				
	4	1	2	.	3				
	5	2	5	.	7				
	6	1	5	.	6	7	15	.	
Sergt McGregor.....	1	2	6	.	8				44Silver cross guns.
	2	2	4	.	6				
	3	2	6	2	10				
	4	1	4	.	5				
	5	1	4	.	5				
	6	2	4	.	6	8	25	.	
Bde. Sergt.-Major Young.....	1	.	.	.	.				40Embroidered badge Premature explosion.
	2	1	2	.	3				
	3	2	2	.	4				
	4	1	2	.	3				
	5	2	2	.	4				
	6	2	3	.	5				
Gunner Simions.....	7	2	.	.	.	9	22	1	18
	1	1	4	.	5				
	2	2	6	2	10				
	3	2	4	.	6				
	4	2	6	.	8				
	5	2	3	.	5				
Sergt. Lawrence.....	6	1	4	.	5	8	14	.	39Embroidered badge.
	1	2	2	.	4				
	2	1	6	.	7				
	3	2	.	.	.				
	4	2	6	2	10				
	5	2	.	.	.				
Q.-M. Ser <sub>2</sub> t. Ogg.....	6	2	5	.	7	8	25	.	28
	1	1	4	.	5				
	2	2	6	2	10				
	3	2	4	.	6				
	4	2	4	.	6				
	5	2	5	.	7				
Total.....									267
									33.25

RANK AND  
Sergt.-Major Ne  
Bomb. Armstron  
Sergeant Harris  
Corporal Anders  
Q.-M. Sergt. Th  
Corporal Dunn  
Sergeant Watson  
Q.-M. Sergt. Mc

RECORD OF PRACTICE, ETC.—Continued.

No. 2 Battery, 1st Brigade.

RANK AND NAMES	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Sergt.-Major Newstead	1	1	6		7				
	2	1							
	3								Premature explosion.
	4	1							
	5	1	4		5				
	6	1	2		3				
Bomb. Armstrong	7	1	2		3	8	50	18	Same general remarks as for No. 1 Battery.
	1	2							
	2	2	2		4				
	3	1							
	4	2	4		6				
	5	2	5		7				
Sergeant Harrison	6	2	2		4	7	04	21	
	1	2	6	2	10				
	2	2	2		4				
	3								Premature explosion.
	4								Premature explosion.
	5	1	2		3				
	6								Premature explosion.
	7								Premature explosion.
	8	2	6		8				
	9	2							Out of bounds short.
Corporal Anderson	10	1	4		5	7	00	30	Silver cross guns.
	1	2	0		8				
	2	2	6		8				
	3		4						Wrong target.
	4	1	6		7				
	5	1	2		3				
Q.-M. Sergt. Thatcher	6	2	2		4	7	12½	30	Embroidered badge.
	1	1	2		3				
	2	1	2		3				
	3	2	4		6				
	4	1	4		5				
	5	2	3		5				
Corporal Dunn	6	2	4		6	7	04	28	Embroidered badge.
	1		2						
	2								Premature burst.
	3	2	2		4				
	4	1							
	5	1	6		7				Out of bounds, short.
Sergeant Watson	6	2				8	36	17	
	1	2							
	2		2						Wrong target.
	3	1	4		5				
	4	1							
	5	1							Short.
Q.-M. Sergt. McCrae	6	1	3		4	10	07.3	6	
	1	1	4		5				
	2	1	4		5				
	3								Wrong target.
	4	1	4		5				
	5	1	4		5				
6	1				9	55	2	18	
Total								168	
Average								21	

RECORD OF PRACTICE, ETC.—Continued.

London Field Battery

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.	
		Dir.	Elev.	Hit.	Min.	Sec.				
Sergeant Warwick	1	1	6	7						
	2	2	6	8						
	3	2	6	8						
	4	2	2	4					Embroidered badge.	
	5	2							Out under.	
Sergeant Taylor	6	2			7	52		27	Out under.	
	1	2	6	2	10				Premature burst.	
	2									
	3	1								
	4	2								
	5	2								
Sergeant McGeary	6	2			9	00		10	Burst over.	
	7	2							Burst over.	
	1		6						Out left.	
	2	2	6	8						
	3	2	6	8						
	4	2	6	8						
Sergeant Case	5	2							Out under.	
	6	1	4	5	8	27		29	Embroidered badge.	
	1	1	2	3						
	2	2								
	3	2								
	4	1	2	3						
Bomb. Elliott	5	1							Out over.	
	6	2	4	6	8	30		12		
	1	2	6	2	10					
	2	1								
	3								Out left.	
	4	2								
Bomb. Forkey	5	2	4	6						
	6		5		11	15	5		11	Out right.
	1	2	6	2	10					
	2	2	4	6						
	3	1	2	3						
	4	1	6	7					Silver cross guns.	
Sergeant Wilson	5	2	4	6						
	6	1			9	55	2	30	Out under.	
	1	2	6	2	10					
	2	2	6	2	10					
	3	2	4	6					Embroidered badge.	
	4	2	4	6						
Sergeant Patton	5	2							Out under.	
	6	2			10	23	3	29	Out under.	
	1	2	4	6						
	2	1	6	7					Hazy.	
	3	1	2	3					Competitors firing alternate-	
	4	2	2	4					ly with those of Shefford	
Total	5	2	3	5					Battery. Shefford from	
	6	2			10	40	4	21	No. 1 gun and London	
									from No. 2 gun.	
Average									169 Fired in afternoon, 24th	
									28.12 September.	

RANK AND  
Sergeant Doyle ..  
Corporal Schuley ..  
Gunner Cox.....  
Corporal Minor ..  
Sergeant Balfour ..  
Sergeant Nelson ..  
Corporal Morley ..  
Sergeant Cornwa ..

RECORD OF PRACTICE, ETC.—Continued.

Welland Canal Battery.

REMARKS.	RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.	
			Dir.	Elev.	Hit.	Total.	Min.				Sec.
	Sergeant Doyle	1	1	.	.	.	.	.		Competed on Friday, 25th September, firing with Hamilton Field Battery.	
		2	2	6	2	10					
		3	1	6	.	7					
		4	2	2	.	4					
		5	2	2	.	4					
		6	2	.	.	.	7	43	25		Out under
	Corporal Schuley	1	2	4	.	6				Out under.	
		2	.	.	.	.					
		3	2	6	2	10					
		4	2	6	.	8					
		5	2	4	.	6					
		6	2	3	.	5	13	15	9	25	Embroidered Badge.
	Gunner Cox	1	2	6	2	10					
		2	2	4	.	6					
		3	1	6	.	7					
		4	2	5	2	10				Silver Cross Guns.	
		5	2	3	.	5					
		6	2	2	.	4	8	37	42		
	Corporal Minor	1	1	2	.	3				Premature Burst	
		2	.	.	.	.					
		3	2	6	.	8					
		4	.	2	.	.				Out right.	
		5	2	6	.	8					
		6	2	2	.	4					
		7	2	3	.	5	9	35	2	26	
	Sergeant Balfour	1	2	6	.	8					
		2	2	2	.	4					
		3	2	2	.	4					
		4	2	.	.	.				Out under.	
		5	2	.	.	.					
		6	2	2	.	4	6	23	20		
	Sergeant Nelson	1	2	6	.	8					
		2	1	4	.	5					
		3	2	2	.	4					
		4	2	6	.	8					
		5	2	.	.	.				Out under.	
		6	2	3	.	5	5	57	30	Embroidered badge.	
	Corporal Morley	1	2	2	.	4					
		2	1	6	.	7					
		3	1	2	.	3					
		4	2	6	2	10					
		5	2	5	.	7					
		6	2	3	.	5	6	40	36	Embroidered badge.	
	Sergeant Cornwall	1	2	.	.	.					
		2	2	4	.	6					
		3	1	4	.	5					
		4	1	4	.	5					
		5	1	5	.	6					
		6	2	4	.	6	7	49	28	Embroidered badge.	
			Total						233		
			Average						29.12		

REMARKS.

ered badge.

r.

r.

e burst.

r.

r.

r.

red badge.

ss guns.

red badge.

rs firing alternate-

those of Shefford

Shefford from

gun and London

2 gun.

afternoon, 24th

per.

RECORD OF PRACTICE, ETC.—Continued.

Hamilton Battery.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Sergeant Homer .....	1	1	6	.	7				
	2	2	6	2	10				
	3	2	6	2	10				
	4	1	4	.	5				
	5	2	.	.	.				
Sergeant Cox .....	6	2	4	.	6	8	13	38	
	1	2	6	.	8				
	2	1	6	.	7				
	3	1	2	.	3				
	4	.	.	.	.				Premature.
	5	2	4	.	6				
Sergeant Camp .....	6	2	4	.	6				
	7	2	5	.	7	6	17	37	
	1	1	4	.	5				
	2	1	6	.	7				
	3	2	.	.	.				
	4	2	2	.	4				
	5	2	.	.	.				
Corporal Noblett .....	6	1	4	.	5	6	20	21	Out under.
	1	2	2	.	4				
	2	1	2	.	3				
	3	2	6	2	10				
	4	2	4	.	6				
	5	2	4	.	6				
Gunner Omand .....	6	2	4	.	6	9	25	34	
	1	2	4	.	6				
	2	1	2	.	3				
	3	1	2	.	3				
	4	1	2	.	3				
	5	2	5	.	7				
Sergt.-Major Wholton .....	6	1	5	.	6	8	40	28	
	1	2	4	.	6				
	2	2	6	2	10				
	3	1	4	.	5				
	4	2	4	.	6				
	5	2	.	.	.				
Sergt.-Inst. Kerley .....	6	2	3	.	5	10	2	30	Out under.
	1	2	6	2	10				
	2	1	.	.	.				
	3	2	2	.	4				
	4	2	2	.	4				
	5	2	.	.	.				
Corporal New .....	6	2	5	.	7	9	13	24	Out over.
	1	2	2	.	4				
	2	2	6	.	8				
	3	1	6	.	7				
	4	1	4	.	5				
	5	2	4	.	6				
6	1	2	.	3	9	30	1	32	
Total.....								244	
Average.....								30.5	

RANK AND  
 Corporal Bryne  
 Sergeant Carter  
 Sergeant Warrin  
 Q.-Mr. Sergt. S  
 Corporal Taylor.  
 Sergt.-Major Wo  
 Gunner Martin  
 Corporal Blair.

RECORD OF PRACTICE, ETC.—Continued.

Toronto Battery.

REMARKS.	RANK AND NAMES.	No. of Round.	SCORE.				TIME.		Points lost for Overtime.	Final Total.	REMARKS.
			Dir.	Elev.	Hit.	Total.	Min.	Sec.			
	Corporal Bryne	1	2	4	.	6					
		2	.	.	.	.					
		3	1	.	.	.					
		4	2	2	.	4					
		5	2	5	.	7					
		6	2	5	.	5	9	26	1	21	
	Sergeant Carter	1	2	4	.	6					
		2	2	4	.	6					
		3	2	6	2	10					
		4	2	6	2	10					
		5	2	.	.	.					
		6	2	2	.	4	8	43		Out under. 36 Embroidered badge.	
	Sergeant Warrington	1	2	4	.	6					
		2	1	6	.	7					
		3	2	4	.	6					
		4	2	6	2	10					
		5	1	4	.	5				Embroidered badge.	
		6	2	.	.	.	11	30	5	29	
	Q.-Mr. Sergt. Spry	1	2	4	.	6					
		2	1	2	.	3					
		3	1	2	.	3					
		4	1	6	.	7					
		5	2	.	.	.					
		6	2	3	.	5	9	29	1	23	
	Corporal Taylor	1	2	6	2	10					
		2	2	4	.	6					
		3	1	6	.	7				Embroidered badge.	
		4	1	6	.	7					
		5	2	3	.	5					
		6	2	.	.	.	9	00	.	35 Out under.	
	Sergt.-Major Woodman	1	2	4	.	6					
		2	2	4	.	6					
		3	2	4	.	6					
		4	1	4	.	5					
		5	2	3	.	5					
		6	1	2	.	3	6	27	.	31 Embroidered badge.	
	Gunner Martin	1	1	2	.	3					
		2	2	4	.	6					
		3	2	6	2	10					
		4	2	4	.	6					
		5	1	5	.	6					
		6	2	5	.	7	8	45		38 Silver cross guns.	
	Corporal Blair	1	2	.	.	.					
		2	2	6	.	8					
		3	2	4	.	6					
		4	2	6	.	8					
		5	2	2	.	4					
		6	2	3	.	5	10	10	3	28	
	Total									41	
	Average									30.12	

8

RECORD OF PRACTICE, Etc.—Continued.

Durham Battery

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Sergt.-Major McMahon	1	2	6	2	10				
	2	1							
	3	1	6		7				
	4	2	6		8				
	5	2	2		4				
	6	1	4		5	8	49	34	Embroidered badge. Fired 22nd Sept. morning. Competitors firing alternately with those of Quebec Battery. Durham on No. 1 gun and Quebec on No. 2 gun.
Bombardier Sharpe	1	2							
	2	1	6		7				
	3	1	6		7				
	4	2	6		8				
	5	2	2		4				
	6	1	5		6	10	2	30	
Gunner Laurie	1	2							
	2	1	6		7				
	3	2	4		6				
	4	1	6		7				
	5	2	4		6				
	6	2	4		6	8	48	32	
Staff-Sergt. Hay	1	1	4		5				
	2	2	6		8				
	3	2	4		6				
	4	2	4		6				
	5	2	2		4				
	6	1	2		3	6	18	32	
Sergeant Hutcheson	1	2	2		4				
	2	2	6	2	10				
	3	2	6	2	10				
	4	1	2		3				
	5	2	2		4				
	6	1	2		3	6	18	32	
Corporal Kenneally	1	2	2		4				
	2	2	6	2	10				
	3	1	6		7				
	4								
	5	1	4		5				
	6	1	4		5				
Sergeant Henderson	7	1	2		3	8	35	35	Embroidered badge.
	1	2	6		8				
	2	2	6	2	10				
	3	1	4		5				
	4	2	2		4				
	5	1	4		5				
Sergeant McCarthy	6	2	4		6	8	52	38	Embroidered badge.
	1	2	4		6				
	2	1	2		3				
	3								
	4								
	5	2	6	2	10				Premature burst.
	6	2	6	2	10				Premature burst.
	7	2	4		6				Silver cross guns.
8	2	4		6	7	36	41		
Total								277	
Average								34.62	

RANK A

Sergeant Dod

Sergeant Aitk

Corporal Stin

Sergt.-Major I

Bomb. Breaker

Gunner Cavan

Bomb. Johnson

RECORD OF PRACTICE, Etc.—Continued.

Gananoque Battery.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Sergeant Dodds.....	1	.	.	.	.	.	.	.	Out right. Embroidered Badge.
	2	2	4	.	6	.	.	.	
	3	2	6	2	10	.	.	.	
	4	2	4	.	6	.	.	.	
	5	2	5	.	7	.	.	.	
	6	2	5	.	7	8	20	36	
Sergeant Aitkins.....	1	2	4	.	6	.	.	.	Fired afternoon 22nd Sept. Competitors firing alternately from Nos. 1 and 2 guns. Only 7 competitors. Silver Cross Guns.
	2	2	6	2	10	.	.	.	
	3	2	4	.	6	.	.	.	
	4	2	6	2	10	.	.	.	
	5	1	2	.	3	.	.	.	
	6	2	2	.	4	9	35	2	
Corporal Stinson.....	1	2	4	.	6	.	.	.	Out right. Embroidered badge.
	2	.	4	.	.	.	.	.	
	3	1	4	.	5	.	.	.	
	4	1	2	.	3	.	.	.	
	5	2	4	.	6	.	.	.	
	6	2	5	.	7	8	29	27	
Sergt.-Major Lloyd.....	1	1	.	.	.	.	.	.	Blind Shrapnel. Out over.
	2	2	2	.	4	.	.	.	
	3	2	6	2	10	.	.	.	
	4	1	2	.	3	.	.	.	
	5	1	1	.	2	.	.	.	
	6	2	.	.	.	7	24	19	
Bomb. Breakenridge.....	1	1	6	.	7	.	.	.	Out right.
	2	2	.	.	.	.	.	.	
	3	1	.	.	.	.	.	.	
	4	.	.	.	.	.	.	.	
	5	2	2	.	4	.	.	.	
	6	1	2	.	3	9	16	1	
Gunner Cavanagh.....	1	2	6	2	10	.	.	.	Out right. Out over. Embroidered badge.
	2	2	6	2	10	.	.	.	
	3	.	6	.	.	.	.	.	
	4	1	4	.	5	.	.	.	
	5	2	.	.	.	.	.	.	
	6	2	4	.	6	10	46	4	
Bomb. Johnson .....	1	1	4	.	5	.	.	.	Embroidered badge.
	2	1	6	.	7	.	.	.	
	3	2	4	.	6	.	.	.	
	4	1	2	.	3	.	.	.	
	5	2	4	.	6	.	.	.	
	6	1	2	.	3	8	40	30	
Total .....								189	
Average .....								27	

RECORD OF PRACTICE, ETC.—Continued:

Ottawa Battery.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.		
		Dir.	Elev.	Hit.	Total.	Min.				Sec.	
Sergt.-Major Ingram.....	1	.	.	.	.	.	.	.	Out right.		
	2	2	2	.	4	.	.	.			
	3	2	6	.	8	.	.	.			
	4	2	2	.	4	.	.	.			
	5	2	2	.	4	.	.	.			
Sergeant Hood.....	6	2	5	.	7	8	23	27	Embroidered badge Out right. Out right.		
	1	1	.	.	.	.	.	.			
	2	.	.	.	.	.	.	.			
	3	.	2	.	.	.	.	.			
	4	2	.	.	.	.	.	.			
Sergeant Chattuck.....	5	1	4	.	5	.	.	.	Out right.		
	6	2	5	.	7	7	32	12			
	1	2	2	.	4	.	.	.			
	2	.	4	.	.	.	.	.			
	3	1	2	.	3	.	.	.			
Sergt.-Major W.....	4	2	6	.	8	.	.	.	Out right.		
	5	1	3	.	4	.	.	.			
	6	2	5	.	7	10	2	24			
	1	1	2	.	3	.	.	.			
	2	2	2	.	4	.	.	.			
Sergeant Kennedy.....	3	1	2	.	3	.	.	.	Out right.		
	4	2	2	.	4	.	.	.			
	5	2	5	.	7	.	.	.			
	6	2	.	.	.	8	30	21			
	1	2	4	.	6	.	.	.			
Sergeant Thompson.....	2	2	6	2	10	.	.	.	Burst over.		
	3	1	6	.	7	.	.	.			
	4	.	.	.	.	.	.	.			
	5	1	2	.	3	.	.	.			
	6	1	3	.	4	7	28	30			
Sergeant Mix.....	1	1	2	.	3	.	.	.	Out left. Embroidered badge.		
	2	1	4	.	5	.	.	.			
	3	1	2	.	3	.	.	.			
	4	2	2	.	4	.	.	.			
	5	2	3	.	5	.	.	.			
Corporal Eldridge.....	6	2	3	.	5	8	19	25	Silver cross guns.		
	1	1	4	.	5	.	.	.			
	2	1	4	.	5	.	.	.			
	3	2	6	2	10	.	.	.			
	4	1	6	.	7	.	.	.			
Gunner Gray.....	5	2	.	.	.	.	.	.	Out under.		
	6	1	2	.	3	7	34	30			
	1	2	6	2	10	.	.	.			
	2	1	2	.	3	.	.	.			
	3	2	2	.	4	.	.	.			
Corporal Johnson.....	4	2	2	.	4	.	.	.	Under.		
	5	1	3	.	4	.	.	.			
	6	2	.	.	.	7	11	25			
	Total							194			
	Average							24.25			

RANK AND  
Sergeant Porteo  
Sergeant Kenda  
Sergt.-Major W  
Corporal Turton  
Bomb. Muirhea  
Bomb. Wilson  
Corporal Johnso  
Corporal Holdb







RECORD OF PRACTICE, ETC.—Continued.

Newcastle Battery.

RANK AND NAMES	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Sergeant Shaughnessey .....	1	2	6	.	8				
	2	2	6	.	8				
	3	1	6	.	7				
	4	2	6	.	8				
	5	1	4	.	5				
	6	2	4	.	6	8	52	42	
Sergeant Loggie .....	1	1	6	.	7				
	2	.	6	.	.				
	3	2	6	2	10				
	4	2	6	.	8				
	5	2	4	.	6				
	6	2	4	.	6	8	33	37	
Sergeant Kethro .....	1	2	4	.	6				
	2	.	2	.	.				
	3	2	4	.	6				
	4	2	6	.	8				
	5	2	4	.	6				
	6	2	.	.	.	8	52	26	
Sergeant Matheson.....	1	2	4	.	6				
	2	2	.	.	.				
	3	1	4	.	5				
	4	2	4	.	6				
	5	2	.	.	.				
	6	2	4	.	6	8	10	23	
Qr.-Mr.-Sgt. Russell....	1	1	6	.	7				
	2	2	4	.	6				
	3	1	6	.	7				
	4	2	6	.	8				
	5	2	4	.	6				
	6	2	2	.	4	7	55	38	
Bomb. Russell .....	1	2	4	.	6				
	2	2	4	.	6				
	3	1	4	.	5				
	4	2	4	.	6				
	5	2	4	.	6				
	6	2	.	.	.	8	12	29	
Bomb. Williston.....	1	2	4	.	6				
	2	2	4	.	6				
	3	2	4	.	6				
	4	1	6	.	7				
	5	2	.	.	.				
	6	2	4	.	6	7	31	31	
Corporal Williston .....	1	2	6	.	8				
	2	1	6	.	7				
	3	1	4	.	5				
	4	2	.	.	.				
	5	.	5	.	.				
	6	2	2	.	4	8	05	24	
Total.....								250	
Average.....								31.25	

RANK A

Sergeant Stack

Sergt.-Major I

Corporal Bailly

Sergeant Bour

Sergeant Battli

Q.-Mr. Sergt.

Corporal Gault

Sergeant Roun

## RECORD OF PRACTICE, ETC.—Continued.

## Winnipeg Battery.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Sergeant Stack .....	1	2	.	.	.	.	.	.	
	2	2	2	.	4	.	.	.	
	3	1	6	.	7	.	.	.	
	4	2	4	.	6	.	.	.	
	5	2	.	.	.	.	.	.	
Sergt.-Major Brady .....	6	2	5	.	7	6	09	24	
	1	2	4	.	6	.	.	.	
	2	1	2	.	3	.	.	.	
	3	2	6	2	10	.	.	.	
	4	1	2	.	3	.	.	.	
Corporal Bailly .....	5	2	.	.	.	.	.	.	
	6	1	3	.	4	6	25	26	
	1	1	4	.	5	.	.	.	
	2	2	6	2	10	.	.	.	
	3	.	4	.	.	.	.	.	
Sergeant Bourke .....	4	2	.	.	.	.	.	.	
	5	.	6	.	.	.	.	.	
	6	2	.	.	.	9	15	14	
	1	2	6	.	8	.	.	.	
	2	2	.	.	.	.	.	.	
Sergeant Batlin .....	3	2	6	2	10	.	.	.	
	4	2	.	.	.	.	.	.	
	5	1	.	.	.	.	.	.	
	6	2	.	.	.	5	35	18	
	1	1	2	.	3	.	.	.	
Q.-Mr. Sergt. Grierson .....	2	1	.	.	.	.	.	.	
	3	1	.	.	3	.	.	.	
	4	.	4	.	.	.	.	.	
	5	1	.	.	3	.	.	.	
	6	.	.	.	.	7	30	10	
Corporal Gault .....	1	1	2	.	3	.	.	.	
	2	.	4	.	.	.	.	.	
	3	1	.	.	.	.	.	.	
	4	1	2	.	3	.	.	.	
	5	.	.	.	.	.	.	.	
Sergeant Roundthwaite .....	6	1	1	.	2	9	00	8	
	1	2	4	.	6	.	.	.	
	2	1	.	.	.	.	.	.	
	3	1	.	.	.	.	.	.	
	4	2	.	.	.	.	.	.	
Sergeant Roundthwaite .....	5	2	.	.	.	.	.	.	
	6	2	5	.	7	9	00	13	
	1	1	2	.	3	.	.	.	
	2	2	4	.	6	.	.	.	
	3	1	4	.	5	.	.	.	
Sergeant Roundthwaite .....	4	2	2	.	4	.	.	.	
	5	2	2	.	4	.	.	.	
	6	2	1	.	3	8	45	25	
	Total.....							138	
	Average .....							17.25	

RECORD OF PRACTICE, ETC. - *Continued.*

## OFFICERS' COMPETITION—FIELD ARTILLERY.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Lieut. Knowles	1	2	6	2	10				
No. 1 By., 1st Bde.	2	2	6	2	10				
Lieut. Davidson	3	2	4	6	2	57	26		
Newcastle.	1	2	6	2	10				
Major Coutlee	3	2	6	8	3	15	26		
Winnipeg.	1	2	4	6					
Major Nicoll	3	2	6	2	10	3	25	23	
No. 1 By., 1st Bde.	1	1	6	7					
Captain Milligan	3	2	6	2	10				
Durham.	1	1	6	7	4	15	22		
Lieut. Gaw	3	2	4	6	2	42	21		
Shefford.	1	2	6	2	10				
Lieut. Costigan	3	1	4	5	2	50	21		
Montreal.	1	2	6	2	10				
Lt.-Col. Peters	3	2	2	4	2	59	21		
London.	1	2	4	6					
Captain Murchison.	3	2	6	2	10				
No. 1 By., 1st Bde.	1	1	4	5	3	35	20		
Major Lindsay.	3	2	6	2	10				
Quebec.	1	1	4	5	3	51	20		
Captain Merewether	3	2	2	4	3	55	19		
No. 2 By., 1st Bde.	1	1	6	7					
Lieut. McCrae	3	1	4	5	3	06	19		
No. 2 By., 1st Bde.	1	1	2	3					
Lieut. Simpson	3	1	4	5	2	38	18		
No. 2 By., 1st Bde.	1	2	6	8					
Lieut. Lawlor	3	1	6	7	3	54	18		
Newcastle.	1	1	6	7					
Major Van Wagner	3	1	4	5	3	50	18		
Hamilton.	1	1	6	7					
Captain Hendrie	3	2	2	4	2	49	17		
Hamilton.	1	2	6	2	10				
Major McLean	3	1	6	7	3	55	17		
Durham.	1	1	6	7					
Major King	3	1	4	5	3	10	17		
Welland.	1	2	2	4					
	3	2	6	8	3	57	16		

RANK

Major Mead  
Toronto.

Lieut. Irvin  
Toronto.

Lieut. Patte  
Winnipeg.

Major Hall  
Montreal.

Lieut.-Col.  
Newcastle.

Lieut. Eccle  
Welland.

Lieut.-Col. M  
1st Brigad

Major David  
No. 2 By.,

Lieut. Jeffrey  
Welland.

Captain Doi  
Winnipeg.

Captain Wil  
Welland.

Major Stewa  
Ottawa.

Captain Hoop  
Montreal.

## RECORD OF PRACTICE, ETC.—Continued.

RANK AND NAME.	No. of round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Major Mead	1	1	4	.	5				
Toronto.	2	2	4	.	6				
	3	2	2	.	4	3	07	15	
Lieut. Irving	1	1	4	.	5				
Toronto.	2	1	6	.	7				
	3	1	2	.	3	4	16	15	
Lieut. Patterson	1	1	4	.	5				
Winnipeg.	2	2	4	.	6				
	3	1	2	.	3	3	00	14	
Major Hall	1	1	4	.	5				
Montreal.	2	2	2	.	4				
	3	1	4	.	5	3	44	14	
Lieut.-Col. Call	1	.	6	.	.				
Newcastle.	2	2	4	.	6				
	3	2	6	.	8	4	03	14	
Lieut. Ecclestone	1	2	.	.	.				
Welland.	2	2	4	.	6				
	3	1	6	.	7	3	11	13	
Lieut.-Col. Macdonald	1	1	6	.	7				
1st Brigade.	2	1	2	.	3				
	3	1	2	.	3	3	57	13	
Major Davidson	1	2	4	.	6				
No. 2 By., 1st Bde.	2	1	4	.	5				
	3	2	.	.	.	3	00	11	
Lieut. Jeffrey	1	2	.	.	.				
Welland.	2	2	2	.	4				
	3	1	6	.	7	4	12	11	
Captain Doidge	1	2	4	.	6				
Winnipeg.	2	1	4	.	5				
	3	1	.	.	.	2	37	11	
Captain Wiley	1	1	.	.	.				
Welland.	2	2	4	.	6				
	3	2	2	.	4	4	14	10	
Major Stewart	1	.	6	.	.				
Ottawa.	2	2	6	2	10				
	3	2	.	.	.	3	54	10	
Captain Hooper	1	.	.	.	.				
Montreal.	2	.	6	.	.				
	3	2	6	2	10	2	30	10	

RECORD OF PRACTICE, ETC.—Continued.

GARRISON ARTILLERY COMPETITION.—ISLAND OF ORLEANS.

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

Halifax Brigade—No. 1 Battery.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Gunner Dow .....	1	2	2	.	4				
	2	.	.	.	.				Out short.
	3	2	2	.	4				
	4	1	.	.	.	7	35	80	Out under.
Gunner Woodburn .....	1	1	4	.	5				
	2	2	4	.	6				
	3	1	.	.	.				Out over.
	4	2	3	.	5	9	30	16	Out under.
Sergeant Jackson.....	1	1	.	.	.				Out under.
	2	2	.	.	.				Out under.
	3	1	4	.	5				
	4	1	.	.	.	8	27	5	Out under.
Corporal Pierce.....	1	1	6	.	7				
	2	2	2	.	4				
	3	1	.	.	.				Out over.
	4	2	3	.	5	7	59	16	
Total .....							45		

No. 2 Battery.

Corporal Carroll.....	1	2	.	.					Out right.
	2	2	.	.					
	3	2	.	.					
	4	2	.	.	10	32	2	2	
Sergeant Mackey.....	1	1	2	.	3				
	2	1	6	.	7				
	3	2	4	.	6				
	4	2	.	.	9	48		16	
Sergeant Byers.....	1	1	2	.	3				
	2	2	2	.	4				
	3	2	4	.	6				
	4	2	.	.	9	33		13	
Sergeant Marshall.....	1	2	4	.	6				
	2	2	2	.	4				
	3	2	1	.	3				
	4	2	.	.	7	18		13	
Total .....							40		

RANK AND NAMES  
 Corporal Spence  
 Sergeant Weather  
 Sergt.-Major Cas  
 Gunner Morgan  
 By. Sergt. Major  
 Sergeant Gordon  
 Gunner Boston  
 Gunner Joy

## RECORD OF PRACTICE, ETC.—Continued.

ORLEANS.

## No. 3 Battery, Halifax Brigade.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Corporal Spence.....	1	2	.	.	.	.	.		
	2	1	4	.	5	.	.		
	3	2	6	.	8	.	.		
	4	2	.	.	.	13	19	7	6
Sergeant Weatherbee.....	1	1	2	.	3	.	.		
	2	2	.	.	.	.	.		
	3	2	.	.	.	.	.		
	4	2	.	.	.	10	55	2	1
Sergt.-Major Case.....	1	2	.	.	.	.	.		
	2	2	4	.	6	.	.		
	3	1	2	.	3	.	.		
	4	2	.	.	.	9	48	.	9
Gunner Morgan.....	1	2	6	.	8	.	.		
	2	2	.	.	.	.	.		
	3	.	.	.	.	.	.		Out under.
	4	2	.	.	.	9	50	.	8
Total.....								24	

## No. 4 Battery.

By. Sergt. Major Broadhurst ...	1	1	6	.	7	.	.		
	2	1	6	.	7	.	.		
	3	2	2	.	4	.	.		
	4	1	.	.	.	10	15	1	17
Sergeant Gordon.....	1	1	4	.	5	.	.		
	2	2	4	.	6	.	.		
	3	1	4	.	5	.	.		
	4	2	5	.	7	9	02	.	23
Gunner Boston.....	1	1	.	.	.	.	.		
	2	1	2	.	3	.	.		
	3	1	6	.	7	.	.		
	4	2	5	.	7	11	06½	3	14
Gunner Joy.....	1	2	2	.	4	.	.		
	2	2	4	.	6	.	.		
	3	1	2	.	3	.	.		
	4	2	.	.	.	10	00	.	13
Total.....								67	

RECORD OF PRACTICE, ETC.—Continued.

Halifax Brigade—No. 5 Battery.

RANK AND NAMES.	No. of Round	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Sergeant McLeod.....	1	1	4	.	5				
	2	1	2	.	3				
	3	1	.	.	.				
	4	2	.	.	.	12	6		2 points lost for drill. Out over.
Bomb. Theakston.....	1	1	4	.	5				
	2	2	2	.	4				
	3	1	6	.	7				
	4	2	.	.	.	10			16Out under.
Sergeant Theakston.....	1	1	6	.	7				
	2	1	2	.	3				
	3	2	.	.	.				
	4	2	.	.	.	8	31	10	
Sergeant Robinson.....	1	1	4	.	5				
	2	2	4	.	6				
	3	1	.	.	.				
	4	2	3	.	5	10			Out over. 16
Total .....								44	

No. 6 Battery.

Sergeant Snow.....	1	1	.	.	.				
	2	1	4	.	5				
	3	2	4	.	6				
	4	2	.	.	.	10	44	2	9
Corporal Harmon.....	1	2	4	.	6				
	2	1	.	.	.				
	3	2	.	.	.				
	4	2	5	.	7	9	30		13
Sergeant Marshall.....	1	2	6	2	10				
	2	2	.	.	.				
	3	1	.	.	.				
	4	2	.	.	9	55			10
Corporal Havill.....	1	2	4	.	6				
	2	2	2	.	4				
	3	.	.	.	.				
	4	2	3	.	5	5	10		15
Total .....								47	

Out of bounds.

RANK AND

Gunner Moody ..

Gunner Hodgson.

Sergeant McLeod

Bombardier Cam

Bombardier Hul

Bombardier Gra

Sergeant Pendrig

Gunner Cooke.



RECORD OF PRACTICE, ETC.—Continued:

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

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Sergeant Connolly	1	2	2	.	4				
	2	1	.	.	.				
	3	2	.	.	.				
Corporal Mur'ey	1	2	.	.	6	7	28	4	} Short.
	2	2	.	.	.				
	3	2	2	.	4				
Bombardier Proud	1	1	.	.	.	7	10	10	} Short. Over.
	2	1	4	.	5				
	3	2	.	.	.				
Sergeant Matheson	1	1	2	.	3	9	10	5	} Burst under.
	2	2	.	.	.				
	3	2	6	.	8				
	4	1	.	.	.	9	47	11	
Total								30	

No. 2 Battery.

Bombardier Prowse	1	2	.	.	.				} Over. Out right.
	2	.	2	.	.				
	3	.	2	.	.				
Gunner Harper	1	1	2	.	3	9	20		} Burst under.
	2	1	.	.	.				
	3	1	6	.	7				
Bombardier Wood	1	2	.	.	.	9	13	10	} Over. Over. Over.
	2	2	.	.	.				
	3	2	.	.	.				
Sergeant Quigley	1	2	6	.	8	10	37		} Burst short. Over.
	2	1	.	.	.				
	3	1	6	.	7				
	4	2	.	.	.	8	55	15	
Total								25	

RANK AND  
Gunner St. Joh  
Gunner Watts.  
Gunner McCua  
Gunner Landrig  
Gunner Clarke  
Sergeant Russe  
Bombardier Ro  
Sergeant Lunn

## RECORD OF PRACTICE, Etc.—Continued.

## No. 4 Battery, P. E. Island Brigade.

RANK AND NAMES.	No. of Round.	SCORE.				TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.	Sec.			
Gunner St. John	1	2	.	.	.	.	.	.	Under.	
	2	2	.	.	.	.	.	.	Over.	
	3	.	.	.	.	.	.	.	Out right.	
	4	2	1	.	3	7	37	.	3Blind.	
Gunner Watts.	1	2	.	.	.	.	.	.	Over.	
	2	.	2	.	.	.	.	.	Over.	
	3	1	.	.	.	.	.	.	Over.	
	4	2	.	.	.	9	06	.	Burst short.	
Gunner McCuaig	1	1	.	.	.	.	.	.	Over.	
	2	2	.	.	.	.	.	.	Over.	
	3	2	4	.	6	.	.	.		
	4	2	3	.	5	8	06	.	11	
Gunner Landrigan.	1	2	6	.	8	.	.	.		
	2	1	6	.	7	.	.	.		
	3	.	.	.	.	.	.	.	Under.	
	4	2	.	.	7	51	.	15	Under.	
Total									29	

## Cobourg Battery.

Gunner Clarke..	1	1	6	.	7	.	.	.	
	2	2	.	.	.	.	.	.	Over.
	3	2	6	.	8	.	.	.	
	4	1	3	.	4	9	57	.	19
Sergeant Russell	1	1	.	.	.	.	.	.	} Under.
	2	.	.	.	.	.	.	.	
	3	1	.	.	.	.	.	.	
	4	1	.	.	9	43	.	.	Burst over.
Bombardier Routh	1	2	.	.	.	.	.	.	Over.
	2	2	.	.	.	.	.	.	Over.
	3	2	4	.	0	.	.	.	
	4	2	5	.	7	10	30	1	12
Sergeant Lunn	1	2	.	.	.	.	.	.	Short.
	2	2	.	.	.	.	.	.	Short.
	3	2	6	.	8	.	.	.	
	4	2	5	.	7	10	07	1	14
Total									45

RECORD OF PRACTICE, Etc.—Continued.

No. 1 Battery, Montreal Brigade.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Gunner Dennis	1	4	.	.	.	.	.	.	Out over.
	2	.	.	.	.	.	.	.	Out over.
	3	1	4	.	5	.	.	.	
	4	.	.	.	.	9	03	.	5Over—blind.
Gunner Evans	1	1	.	.	.	.	.	.	Over.
	2	2	.	.	.	.	.	.	Over.
	3	.	2	.	.	.	.	.	Out right.
	4	2	1	.	3	10	37	2	1Blind.
Sergeant Courtney	1	2	.	.	.	.	.	.	Out under.
	2	2	.	.	.	.	.	.	Out over.
	3	1	2	.	3	.	.	.	
	4	2	.	.	.	8	42	.	3Out under.
Gunner Edwards	1	1	.	.	.	.	.	.	Out over.
	2	.	2	.	.	.	.	.	Out left.
	3	1	.	.	.	.	.	.	Out over.
	4	2	.	.	.	10	00	.	..Burst over.
Total								9	

No. 2 Battery.

B. S.-M. Beatty	1	.	.	.	.	.	.	.	Under.
	2	.	6	.	.	.	.	.	Right.
	3	1	.	.	.	.	.	.	
	4	2	.	.	.	5	30	.	..Burst over.
Sergeant F. Nicolls	1	2	.	.	.	.	.	.	
	2	1	2	.	3	.	.	.	
	3	2	2	.	4	.	.	.	
	4	1	3	.	4	8	44	.	11Blind.
Corporal Gubian	1	2	2	.	4	.	.	.	
	2	.	.	.	.	.	.	.	Out right and over.
	3	1	2	.	3	.	.	.	
	4	2	.	.	.	9	13	.	7Blind and out under.
Gunner J. Morris	1	2	.	.	.	.	.	.	Over.
	2	1	.	.	.	.	.	.	Under.
	3	1	6	.	7	.	.	.	
	4	.	3	.	.	9	45	.	7Out right.
Total								25	

## RECORD OF PRACTICE, ETC.—Continued.

## No. 3 Battery Montreal Brigade.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Corporal A. Elvidge.....	1	1	.	.	.	.	.	Over.	
	2	.	2	.	.	.	.	Out right.	
	3	.	.	.	.	.	.	Out of bounds.	
	4	2	.	.	.	8	12	Burst over.	
Corporal A. Morrison.....	1	1	.	.	.	.	.	Over.	
	2	2	.	.	.	.	.	Over.	
	3	1	2	.	.	.	.		
	4	2	.	.	.	8	10	3Over—blind.	
Gunner A. Forman.....	1	1	6	.	7	.	.		
	2	.	.	.	.	.	.		
	3	.	2	.	.	.	.		
	4	2	3	.	5	11	15 3	9	
Sergeant P. McDonald.....	1	1	.	.	.	.	.	Over.	
	2	1	.	.	.	.	.	Over.	
	3	1	.	.	.	.	.	Over.	
	4	2	3	.	5	7	55	5Blind.	
Total.....								17	

## No. 4 Battery.

Gunner Lunan.....	1	2	.	.	.	.	.	Over.	
	2	2	.	.	.	.	.	Under.	
	3	2	4	.	6	.	.		
	4	1	1	.	2	9	16	8Blind.	
Corporal Jones.....	1	1	.	.	.	.	.	Over.	
	2	1	4	.	5	.	.		
	3	1	6	.	7	.	.		
	4	2	.	.	.	12	27 5	7Burst under.	
Bombardier Burton.....	1	1	2	.	3	.	.		
	2	1	.	.	.	.	.	Over.	
	3	2	.	.	.	.	.	Over.	
	4	2	.	.	.	8	21	3Under.	
B. S.-Major Dowker.....	1	2	.	.	.	.	.	Over.	
	2	1	.	.	.	.	.	Over.	
	3	2	.	.	.	.	.	Short.	
	4	2	5	.	7	9	20	7	
Total.....								25	

RECORD OF PRACTICE, ETC.—Continued.

No. 5 Battery, Montreal Brigade.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		REMARKS.	
		Dir.	Elev.	Hit.	Total.	Min.		Sec.
Bombardier Cooke .....	1	1	2	.	3			
	2	.	6	.				
	3	.	4	.				
	4	.	.	.			Score ruled out, could not lay correctly.	
Sergeant Norris.....	1	1	.	.			Under.	
	2	1	.	.			Over.	
	3	1	4	.	5			
	4	2	.	.		8 53	5 Ricocheted under, burst over	
Sergeant Bowell.....	1	1	.	.			Over.	
	2	2	.	.			Over.	
	3	2	6	.	8			
	4	1	.	.		10 30	7 Burst over.	
Sergeant Carpenter .....	1	.	.	.			Under.	
	2	1	.	.			Over.	
	3	2	.	.			Under.	
	4	2	.	.		8 46	.. Blind, out over.	
Total.....							12	

No. 6 Battery.

Bombardier Gubian .....	1	.	2	.			Out right.	
	2	.	.	.			Over.	
	3	2	4	.	6			
	4	2	.	.		9 40	6 Blind, out under.	
Gunner Bricault.....	1	2	2	.	4			
	2	1	4	.	5			
	3	.	.	.			Over.	
	4	.	.	.		8 42	9 Over.	
Gunner Greenfield.....	1	2	6	.	8			
	2	1	4	.	5			
	3	1	2	.	3			
	4	2	.	.		10 20	15 Burst over.	
Gunner McGinnis.....	1	1	6	.	7			
	2	.	6	.				
	3	1	.	.				
	4	2	3	.		5 12 00	4 8	
Total.....							38	

RANK AND

Gunner Lindsay

Gunner Ellis

Gunner Wishers

Sergeant Clayt

Gunner Sears

Gunner Sarah

Corporal MeJ

Gunner Moore

Sergeant Edwa

RECORD OF PRACTICE, Etc.—Continued.

No. 1 Battery N.B. Brigade.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.	
		Dir.	Elev.	Hit.	Total.	Min.				Sec.
Gunner Lindsay	1	2	.	.	.				Under.	
	2	2	2	.	4					
	3	2	2	.	4					
	4	2	.	.	.	9	28			
Gunner Ellis	1	1	6	.	7				8Blind, out, under.	
	2	2	2	.	4					
	3	.	4	.	.					
Gunner Wishers	4	1	.	.	.	9	48		Out left. 11Blind—short.	
	1	2	2	.	4					
	2	2	2	.	4					
	3	2	.	.	.					
Sergeant Clayton	4	2	2	.	4	12	00	4	Short. 8	
	1	2	2	.	4					
	2	2	4	.	6					
	3	2	.	.	.					
	4	.	.	.	.	10	42	2	Short. 8Blind—short.	
	Total									35

No. 3 Battery N.B. Brigade.

Gunner Sears	1	1	.	.	.				Over. Out right and over.
	2	2	4	.	6				
	3	.	.	.	.				
	4	1	3	.	4	10	00	10	
Gunner Sarah	1	.	.	.	.				Out right and under. Short. 3Blind and short.
	2	2	.	.	.				
	3	1	2	.	3				
	4	2	.	.	.	9	01		
Corporal McJunkin	1	2	6	.	8				16Burst short. Disqualified. Out right and under.
	2	2	2	.	4				
	3	2	2	.	4				
	4	2	.	.	.	9	42		
Gunner Moore	1	.	2	.	.				Out right and under.
Sergeant Edwards	1	.	.	.	.				
2	1	4	.	5					
	3	2	3	.	5	10	00	10	Total

RECORD OF PRACTICE, ETC.—Continued.

N. B Brigade—No. 5 Battery.

RANK AND NAMES.	No. of Round	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Sergeant Richardson	1	2	2	.	4				
	2	2	.	.	.			Over.	
	3	2	2	.	4				
	4	2	.	.	.	9	21	8	Short.
Gunner Watson	1	1	2	.	3				
	2	1	.	.	.			Under.	
	3	1	.	.	.			Under.	
	4	1	.	.	.	9	55	3	Under.
Gunner Betty	1	2	.	.	.			Over.	
	2	2	2	.	4				
	3	1	.	.	.			Short.	
	4	2	.	.	.	9	35	4	Short.
Gunner Ritchie	1	.	.	.	.			Out right.	
	2	1	4	.	5				
	3	2	2	.	4				
	4	2	.	.	.	9	50	9	Short.
Total								24	

No. 2 Battery, Quebec.

Sergeant Belanger	1	2	.	.	.			Over.	
	2	1	.	.	.			Very short.	
	3	1	4	.	5				
	4	1	.	.	.	7	26	5	Blind and short.
Gunner Frenette	1	1	4	.	5				
	2	1	.	.	.			Over.	
	3	2	6	.	8				
	4	2	.	.	.	7	17	13	Burst under.
Corporal La'iberte	1	2	.	.	.			Over.	
	2	1	6	.	7				
	3	2	6	.	8				
	4	2	1	.	3	7	32	18	
Sergeant-Major McCavour	1	2	.	.	.			Over.	
	2	1	.	.	.			Over.	
	3	2	4	.	6				
	4	2	.	.	.	10	50	2	Burst over.
Total								40	

RECORD OF PRACTICE, ETC.—Continued.

No. 1 Battery, Levis.

RANK AND NAME.	No. of round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Corporal Loisselle	1	1	.	.	.	.	.	.	
	2	2	2	.	4	.	.	.	
	3	1	.	.	.	.	.	.	
	4	1	3	.	4	9	23	.	8
Sergeant-Major Lacroix	1	1	.	.	.	.	.	.	
	2	1	.	.	.	.	.	.	
	3	2	.	.	.	.	.	.	
	4	2	.	.	.	.	.	.	
Sergeant Lemieux	1	2	.	.	.	.	.	.	
	2	.	.	.	.	.	.	.	
	3	2	.	.	.	.	.	.	
	4	2	.	.	.	8	43	.	
Corporal Fontaine	1	1	4	.	5	.	.	.	
	2	1	.	.	.	.	.	.	
	3	1	.	.	.	.	.	.	
	4	2	.	.	.	10	00	.	5
Total								13	

No. 2 Battery, Levis.

Sergeant Bergeron	1	2	.	.	.	.	.	.	
	2	1	.	.	.	.	.	.	
	3	1	.	.	.	.	.	.	
	4	2	.	.	.	7	23	.	
Sergeant Roy	1	.	.	.	.	.	.	.	Out right.
	2	.	.	.	.	.	.	.	Out right.
	3	2	4	.	6	.	.	.	
Sergeant Laflamme	4	2	.	.	.	8	20	.	6Under.
	1	6	.	.	.	.	.	.	Out right.
	2	2	6	.	8	.	.	.	
	3	2	6	.	8	.	.	.	
Corporal Blais	4	2	.	.	.	10	00	.	16
	1	1	4	.	5	.	.	.	
	2	.	.	.	.	.	.	.	Out right.
	3	2	.	.	.	.	.	.	
3	.	.	.	.	9	57	.	5	
Total								27	

RECORD OF PRACTICE, ETC.—Continued.

Digby Battery.

RANK AND NAMES	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hits.	Total.	Min.			
Sergeant Burnham.....	1	2	.	.	.	.	.	.	
	2	2	6	2	10	.	.	.	
	3	2	.	.	.	.	.	.	
	4	2	5	.	7	9	43	.	17
Sergeant-Major Woodman....	1	1	6	.	5	.	.	.	
	2	1	4	.	5	.	.	.	
	3	1	2	.	3	.	.	.	
	4	2	3	.	5	8	57	.	20
Gunner Holdsworth.....	1	2	2	.	4	.	.	.	
	2	1	2	.	3	.	.	.	
	3	2	6	.	8	.	.	.	
	4	2	.	.	8	17	.	.	15Short.
Gunner Bent.....	1	1	2	.	3	.	.	.	
	2	2	6	2	10	.	.	.	
	3	1	6	.	7	.	.	.	
	4	2	.	.	7	56	.	.	20Burst short.
Total.....									72

RANK AND  
 Sergeant Jackson  
 Corporal Pierce  
 Gunner Daw  
 Gunner Woodb  
 Sergeant Marsh  
 Sergeant Byers  
 Sergeant Mack  
 Corporal Carvil  
 Sergeant Weath  
 Gunner Morga  
 Corporal Spenc  
 Sergt.-Major C

## RECORD OF PRACTICE, ETC.—Continued.

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

## No. 1 Battery, Halifax Brigade.

RANK AND NAMES.	No. of Round.	SCORE.				Individual and Battery Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.		
Sergeant Jackson.....	1	2	.	.	.	11	Out right.
	2	1	4	.	5		
	3	2	4	.	6		
Corporal Fierce.....	1	.	6	.	.	9	
	2	1	4	.	5		
	3	2	2	.	4		
Gunner Daw.....	1	1	6	.	7	16	
	2	1	2	.	3		
	3	2	4	.	6		
Gunner Woodburn.....	1	1	4	.	5	10	Out left.
	2	.	6	.	.		
	3	1	4	.	5		
Total.....					46		

## No. 2 Battery.

Sergeant Marshall.....	1	2	6	.	8	17	
	2	2	4	.	6		
	3	1	2	.	3		
Sergeant Byers.....	1	1	6	.	7	21	Out right.
	2	2	6	2	10		
	3	2	2	.	4		
Sergeant Mackey.....	1	.	.	.	.	12	
	2	1	6	.	7		
	3	1	4	.	5		
Corporal Carvill.....	1	1	4	.	5	15	
	2	2	2	.	4		
	3	2	4	.	6		
Total.....					65		

## No. 3 Battery.

Sergeant Weatherbee.....	1	1	2	.	3	6	Out right.
	2	.	4	.	.		
	3	1	2	.	3		
Gunner Morgan.....	1	1	6	.	7	17	
	2	1	2	.	3		
	3	1	6	.	7		
Corporal Spence.....	1	2	2	.	4	15	
	2	2	2	.	4		
	3	1	6	.	7		
Sergt.-Major Case.....	1	2	4	.	6	14	
	2	2	2	.	4		
	3	2	2	.	4		
Total.....					62		

## RECORD OF PRACTICE, Etc.—Continued.

## No. 4 Battery, Halifax Brigade.

RANK AND NAMES.	No. of Round.	SCORE.				Individual and Battery Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.		
Sergeant-Major Gordon.....	1	1	6	.	7	14	Out right.
	2	.	4	.			
	3	1	6	.	7		
Gunner Joy.....	1	1	6	.	7	15	
	2	1	2	.	3		
	3	1	4	.	5		
Gunner Boston.....	1	2	4	.	6	19	
	2	1	6	.	7		
	3	2	4	.	6		
By. Sergt. Major Broadhurst.....	1	2	6	.	8	16	
	2	1	2	.	3		
	3	1	4	.	5		
Total.....						64	

## No. 5 Battery.

Sergeant Theakston.....	1	2	2	.	4	19	
	2	1	6	.	7		
	3	2	6	.	8		
Sergeant McLeod.....	1	2	4	.	6	13	Out right.
	2	.	4	.			
	3	1	6	.	7		
Bomb. Theakston.....	1	2	4	.	6	14	Out right.
	2	2	6	.	8		
	3	.	2	.			
Sergeant Robinson.....	1	2	4	.	6	24	
	2	2	6	2	10		
	3	2	6	.	8		
Total.....						70	

## No. 6 Battery.

Sergeant Snow.....	1	.	2	.		10	Out right.
	2	1	2	.	3		
	3	1	6	.	7		
Corporal Harmon.....	1	1	6	.	7	21	
	2	2	6	.	8		
	3	2	4	.	6		
Sergeant Marshall.....	1	1	6	.	7	18	
	2	2	2	.	4		
	3	1	6	.	7		
Corporal Havill.....	1	1	4	.	5	12	Out right.
	2	.	6	.			
	3	1	6	.	7		
Total.....						61	

## RECORD OF PRACTICE, ETC.—Continued.

## No. 7 Battery, Halifax Brigade.

RANK AND NAME.	No. of round.	SCORE.			Individual and Battery total.	REMARKS.
		Dir.	Elev.	Hit.		
Bombardier Campbell.	1	2	.	.	8	Out right.
	2	1	4	5		
	3	1	2	3		
Gunner Moody.	1	1	6	7	20	
	2	1	6	7		
	3	2	4	6		
Gunner Hodgson.	1	2	4	6	20	
	2	1	6	7		
	3	1	6	7		
Sergeant McLeod.	1	1	4	5	20	
	2	1	4	5		
	3	2	6	8		
Total					66	

## No. 2 Battery, Quebec.

Corporal Hardy.	1	2	6	8	22	
	2	1	6	7		
	3	1	6	7		
Sergt.-Major McCavour.	1	1	4	5	5	Out left. Out left.
	2	.	6	.		
	3	.	6	.		
Corporal Laliberte.	1	1	4	5	13	
	2	2	2	4		
	3	2	2	4		
Corporal Dubeau.	1	.	2	.	10	
	2	1	2	3		
	3	1	6	7		
Total					50	

## Yarmouth Battery.

Gunner Cook.	1	1	2	3	15	
	2	2	4	6		
	3	2	4	6		
Sergeant Pendrigh.	1	2	6	8	16	Out right.
	2	2	6	8		
	3	.	6	.		
Gunner Hulsman.	1	1	6	7	19	Wrong target.
	2	2	2	4		
	3	2	6	8		
Gunner Treffrey.	1	.	.	.	12	
	2	2	6	8		
	3	2	2	4		
Total					62	

RECORD OF PRACTICE, ETC.—Continued.

No. 1 Battery, Montreal Brigade.

RANK AND NAMES.	No. of Round.	SCORE.			Individual and Battery Total.	REMARKS.
		Dir.	Elev.	Hit. Total.		
Corporal Clarke . . . . .	1	4	.	.	9	Out right.
	2	1	2	3		
	3	2	4	6		
Sergeant Harper . . . . .	1	.	.	.	7	Wrong target. Out of bounds, right.
	2	2	.	.		
Corporal Stewart . . . . .	3	.	6	.	10	
	1	1	6	7		
	2	.	.	.		
Sergeant Courtney . . . . .	3	.	.	.	10	
	1	.	.	.		
	2	.	.	.		
	3	2	6	2 10		
Total . . . . .					26	

No. 2 Battery.

Bombardier Overing . . . . .	1	.	.	.	3	Out right and under. Out under.
	2	1	.	.		
Gunner Heissner . . . . .	3	1	2	3	12	Out right. Out right. Out right.
	1	1	4	5		
	2	1	6	7		
Corporal Park . . . . .	3	.	4	.	12	Out right. Out right. Out right.
	1	.	.	.		
	2	.	.	.		
Gunner Rogers . . . . .	3	.	4	.	12	Out right. Out right. Out left.
	1	.	4	.		
	2	.	.	.		
	3	.	.	.		
Total . . . . .					15	

No. 3 Battery.

Gunner Hayes . . . . .	1	2	6	2 10	24	
	2	2	6	8		
	3	2	4	6		
Corporal A. Elvidge . . . . .	1	1	4	5	12	Short. Out right. Out right.
	2	1	6	7		
	3	1	.	.		
Sergeant McDonald . . . . .	1	.	6	.	3	
	2	.	.	.		
	3	1	2	3		
Sergeant-Major Jones . . . . .	1	2	4	6	17	
	2	1	6	7		
	3	2	2	4		
Total . . . . .					56	

## RECORD OF PRACTICE, ETC.—Continued.

## No. 4 Battery—Montreal Brigade.

RANK AND NAMES.	No. of Round.	SCORE.				Individual and Battery total.	REMARKS.
		Dir.	Elev.	Hit.	Total.		
Gunner Lunan .....	1	1	2	.	3	8	Out right and over.
	2	.	.	.	.		
	3	1	4	.	5		
Corporal Jones .....	1	2	6	.	8	16	Out right and over.
	2	.	4	.	.		
	3	2	6	.	8		
B. S.-Major Dowker .....	1	.	6	.	.	8	Out right and over.
	2	2	6	.	8		
	3	.	6	.	.		
Gunner Ward .....	1	1	2	.	3	8	Out left.
	2	2	2	.	4		
	3	2	6	.	8		
Total .....					47		

## No 5 Battery.

Corporal Barnwell .....	1	1	6	.	7	17	
	2	1	4	.	5		
	3	1	4	.	5		
Gunner Harper .....	1	2	4	.	6	18	
	2	1	6	.	7		
	3	1	4	.	5		
Bombardier Hammond .....	1	2	4	.	6	16	
	2	1	6	.	7		
	3	1	2	.	3		
Corporal Cokers .....	1	.	2	.	.	16	Out left. Out right. Out left
	2	.	4	.	.		
	3	.	4	.	.		
Total .....					51		

## No 6 Battery.

Bombardier Gubian .....	1	2	.	.	.	9	Out over. Out over. Out right and over.
	2	2	.	.	.		
	3	.	.	.	.		
Sergeant Fyfe .....	1	2	4	.	6	12	Out right. Out right.
	2	1	2	.	3		
	3	.	6	.	.		
Gunner Hogan .....	1	.	6	.	.	17	
	2	2	6	.	8		
	3	2	2	.	4		
Sergeant McGinnis .....	1	1	4	.	5	17	
	2	2	6	.	8		
	3	2	2	.	4		
Total .....					38		

RECORD OF PRACTICE, ETC.—Continued.

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

RANK AND NAMES.	No. of Round.	SCORE.			Individual and Battery Total.	REMARKS.
		Dir.	Elev.	Hit.		
Sergeant Matthewson	1	1	4	5	16	
	2	1	6	7		
	3	2	2	4		
Sergeant Connolly	1	.	.	.	11	
	2	1	2	3		
	3	2	6	8		
Bomb. Proud	1	2	4	6	16	
	2	2	2	4		
	3	2	4	6		
Corporal Murley	1	2	4	6	22	
	2	2	6	8		
	3	2	6	8		
Total					65	

No. 2 Battery.

Gunner Wood	1	1	4	5	10	Out right.
	2	.	6	.		
	3	1	4	5		
Gunner Prowse	1	.	4	.	11	Out right.
	2	2	4	6		
	3	1	4	5		
Sergeant Quigley	1	2	6	8	19	Out right.
	2	2	6	8		
	3	1	2	3		
Gunner Harper	1	.	2	.	13	
	2	2	4	6		
	3	1	6	7		
Total					53	

No. 4 Battery.

Gunner Landrigan	1	.	2	.	10	Out right.
	2	1	4	5		
	3	1	4	5		
Gunner St. John	1	.	.	.	11	Wrong target.
	2	1	2	3		
	3	2	6	8		
Gunner McCuaig	1	.	4	.	9	Out right.
	2	2	2	4		
	3	1	4	5		
Gunner Watts	1	1	6	7	21	
	2	1	6	7		
	3	1	6	7		
Total					51	

RANK AND  
 Sergeant McAfee  
 Gunner Smith  
 Gunner Anderson  
 Sergeant Clayton  
 Sergeant Kilpatrick  
 Sergeant Lingle  
 Sergeant Edwards  
 Corporal McJury  
 Corporal Mene  
 Sergeant Richa  
 Gunner McKay  
 Sergeant Farm

## RECORD OF PRACTICE, ETC.—Continued.

## No. 1 Battery.—New Brunswick Brigade.

RANK AND NAMES.	No. of Round.	SCORE.				Individual and Battery Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.		
Sergeant McAfee .....	1	2	6	.	8	23	
	2	1	6	.	7		
	3	2	6	.	8		
Gunner Smith .....	1	2	6	.	8	24	
	2	2	6	2	10		
	3	2	4	.	6		
Gunner Anderson .....	1	1	.	.	.	6	Out right.
	2	.	2	.	.		
	3	2	4	.	6		
Sergeant Clayton .....	1	2	6	.	8	18	Out left.
	2	2	6	2	10		
	3	.	.	.	.		
Total .....					71		

## No. 3 Battery.

Sergeant Kilpatrick .....	1	.	4	.	.	6	Out right. Out right.
	2	.	2	.	.		
	3	2	4	.	6		
Sergeant Lingley .....	1	2	6	.	8	13	Out over.
	2	2	.	.	.		
	3	1	4	.	5		
Sergeant Edwards .....	1	2	4	.	6	21	
	2	2	6	.	8		
	3	1	6	.	7		
Corporal McJunkin .....	1	1	4	.	5	20	
	2	1	6	.	7		
	3	2	6	.	8		
Total .....					60		

## No. 5 Battery.

Corporal Menealy .....	1	2	4	.	6	21	
	2	1	6	.	7		
	3	2	6	.	8		
Sergeant Richardson .....	1	2	4	.	6	17	
	2	2	6	.	8		
	3	1	2	.	3		
Gunner McKay .....	1	1	4	.	5	14	Out right and very short. Out over.
	2	2	2	.	4		
	3	1	4	.	5		
Sergeant Farmer .....	1	.	.	.	.	5	
	2	1	.	.	.		
	3	2	3	.	5		
Total .....					57		

## RECORD OF PRACTICE, ETC.—Continued.

## Cobourg Battery.

RANK AND NAMES.	No. of Round.	SCORE.			Individual and Battery Total.	REMARKS.
		Dir.	Flew.	Hit.		
Bombardier Routh	1	1	2	3	10	
	2	2	2	4		
	3	1	2	3		
Sergeant Russell	1	2	4	6	6	
	2	4				
	3					
Gunner Clarke	1	1			6	Out right.
	2					
	3	2	4	6		
Sergeant Lunn	1	2	4	6	13	Out left.
	2	1	6	7		
	3		2			
Total				35		

## No. 1 Battery, Levis.

Corporal Boutrassa	1	1	6	7	17
	2	2	4	6	
	3	2	2	4	
Sergt. Lemieux	1	2	4	6	9
	2	2			
	3	1	2	3	
Sergt.-Major Lacroix	1	1	4	5	17
	2	1	6	7	
	3	1	4	5	
Corporal Loiselle	1	2	4	6	17
	2	2	2	4	
	3	1	6	7	
Total				60	

## No. 2 Battery, Levis.

Sergeant Bergeron	1	1	4	5	17
	2	1	6	7	
	3	1	4	5	
Sergeant Roy	1	1	2	3	14
	2	1	6	7	
	3	2	2	4	
Sergeant Lafleur	1	1	4	5	14
	2	1	4	5	
	3	2	2	4	
Corporal Blais	1	1	2	3	8
	2	1			
	3	1	4	5	
Total				53	

RECORD OF PRACTICE, ETC.—*Continued.*

## Digby Battery.

RANK AND NAMES.	No. of Round.	SCORE.			Individual and Battery Total.	REMARKS.
		Dir.	Elev.	Hit.		
Sergeant Burnham .....	1	1	4	5	5	Out of bounds, right. Out of bounds, right
	2	.	6	.		
	3	.	6	.		
Sergt.-Major Woodman .....	1	1	2	3	8	Out of bounds, left.
	2	1	4	5		
	3	.	6	.		
Gunner Bent.....	1	1	6	7	19	
	2	2	6	8		
	3	2	2	4		
Gunner Holdsworth .....	1	2	6	8	8	Out of bounds, left.
	2	1	.	.		
	3	.	2	.		
Total.....				40		

RECORD OF PRACTICE, ETC.—Continued.

## OFFICERS' COMPETITION—ISLAND OF ORLEANS.

64-pr. R. M. L. Guns.—Four Common Shell Each.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Captain Maxwell Halifax Brigade.	1	2	4	.	6				
	2	2	4	.	6				
	3	2	4	.	6				
	4	1	6	.	7	9 10	25		
Lieutenant Marsan No. 1 Battery, Levis.	1	2	4	.	6				
	2	.	.	.	.				Out right and under.
	3	1	6	.	7				
	4	1	6	.	7	10 00	20		
Captain Boulanger No. 2 Battery, Quebec.	1	1	4	.	5				
	2	2	.	.	.				Out over.
	3	1	4	.	5				
	4	2	6	.	8	7 46	18		
Lieut. Hurlon No. 2 By., Quebec.	1	2	2	.	4				
	2	1	6	.	7				
	3	1	.	.	.				Out over.
	4	1	6	.	7	8 32	18		
Lieut. Stearns P. E. I. Bde.	1	1	4	.	5				
	2	1	2	.	3				
	3	1	6	.	7				
	4	1	2	.	3	7 47½	18		
Lieut. Temple Digby Battery.	1	1	4	.	5				
	2	2	2	.	4				
	3	1	.	.	.				Out under.
	4	2	6	.	8	9 10	17		
Lieut. McEwan Montreal Bde.	1	1	2	.	3				
	2	2	6	.	8				
	3	1	2	.	3				
	4	1	2	.	3	9 15	17		
Lt.-Col. Moore P. E. I. Bde.	1	2	2	.	4				
	2	1	2	.	3				
	3	1	4	.	5				
	4	2	2	.	4	7 48	16		
Lieut. Lewis Yarmouth By.	1	1	6	.	7				
	2	2	6	.	8				
	3	1	.	.	.				Out over.
	4	.	.	.	.	9 46	15		Out over.
Lieut. McLaren Halifax Bde.	1	.	.	.	.				Out right.
	2	1	2	.	3				
	3	1	4	.	5				
	4	2	4	.	6	8 06	14		
Capt. Anderson Halifax Bde.	1	2	4	.	6				
	2	2	6	.	2 10				
	3	2	.	.	.				
	4	.	.	.	.	11 17 3	13		Over.
Lieut. Bacon Digby Battery.	1	1	.	.	.				
	2	2	.	.	.				
	3	2	6	.	8				
	4	1	4	.	5	9 27	13		Over.
Lieut. Moore P. E. I. Bde.	1	2	.	.	.				
	2	1	2	.	3				
	3	2	4	.	6				
	4	1	2	.	3	8 10	12		

RANK AND

Major Jolly...  
Yarmouth By.Lieut. Wyld...  
Halifax Bde.Lieut.-Col. Cur...  
Halifax Bde.Major Cole...  
Montreal Bde.Capt. Martinea...  
No. 1 By. L.Capt. Bissett...  
Montreal Bde.Lieut. Macnab...  
Cobourg Batt.Lieut. Dover...  
P. E. I. Bde.Lieut. Bergeron...  
No. 2 By. L.Capt. Brennan...  
P. E. I. Bde.Lieut. Reid...  
Montreal Bde.Capt. Oxley...  
Halifax Bde.Lieut. DeWolff...  
Halifax Bde.Capt. Crawford...  
N. B. Bde.

## RECORD OF PRACTICE, Etc.—Continued.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
Major Jolly	1	1	.	.	.	.	.	.	Under.
Yarmouth Bde.	2	2	2	.	4	.	.	.	
	3	1	2	.	3	.	.	.	
	4	2	2	.	4	8	56	.	11
Lieut. Wylde	1	2	.	.	.	.	.	.	
Halifax Bde.	2	1	.	.	.	.	.	.	
	3	1	2	.	3	.	.	.	
	4	1	6	.	7	7	19	.	10
Lieut.-Col. Curren	1	2	.	.	.	.	.	.	
Halifax Bde.	2	1	2	.	3	.	.	.	
	3	2	6	.	8	.	.	.	
	4	2	.	.	10	43½	2	.	9
Major Cole	1	2	.	.	.	.	.	.	
Montreal Bde.	2	2	4	.	6	.	.	.	
	3	1	.	.	.	.	.	.	
	4	1	2	.	3	6	09	.	9
Capt. Martineau	1	1	4	.	5	.	.	.	
No. 1 By. Levis.	2	1	.	.	.	.	.	.	Over.
	3	1	.	.	.	.	.	.	
	4	2	2	.	4	9	49	.	9
Capt. Bissett	1	1	.	.	.	.	.	.	Short.
Montreal Bde.	2	2	.	.	.	.	.	.	Short.
	3	2	6	.	8	.	.	.	
	4	2	.	.	.	9	40	.	8Over.
Lieut. Maenachtan	1	1	.	.	.	.	.	.	
Cobourg Battery.	2	2	.	.	.	.	.	.	
	3	2	6	.	8	.	.	.	
	4	2	.	.	.	9	42	.	8
Lieut. Dover	1	2	2	.	4	.	.	.	
P. E. I. Bde.	2	2	.	.	.	.	.	.	Over.
	3	2	.	.	.	.	.	.	Under.
	4	1	2	.	3	8	03	.	7
Lieut. Bergeron	1	1	.	.	.	.	.	.	Over.
No. 2 By. Levis.	2	1	.	.	.	.	.	.	Over.
	3	2	4	.	6	.	.	.	
	4	2	.	.	.	10	00	.	6Short.
Capt. Brennan	1	1	4	.	5	.	.	.	
P. E. I. Bde.	2	.	.	.	.	.	.	.	Out left and over.
	3	1	.	.	.	.	.	.	Over.
	4	2	.	.	.	7	47	.	5Over.
Lieut. Reid	1	1	4	.	5	.	.	.	
Montreal Bde.	2	.	2	.	.	.	.	.	Out right.
	3	.	4	.	.	.	.	.	
	4	1	.	.	.	8	00	.	5
Capt. Oxley	1	2	2	.	4	.	.	.	
Halifax Bde.	2	1	.	.	.	.	.	.	
	3	.	2	.	.	.	.	.	Out right.
	4	1	.	.	.	8	15	.	4
Lieut. DeWolff	1	2	.	.	.	.	.	.	
Halifax Bde.	2	2	.	.	.	.	.	.	
	3	1	.	.	.	.	.	.	
	4	1	2	.	3	8	30	.	3
Capt. Crawford	1	2	.	.	.	.	.	.	Out over.
N. B. Bde.	2	1	.	.	.	.	.	.	Out over.
	3	1	.	.	.	.	.	.	Out over.
	4	1	2	.	3	9	35	.	3

RECORD OF PRACTICE, ETC.—Continued.

LOCAL HEAD QUARTERS.

Competition with 64 pr. R. M. L. Guns.  
New Brunswick Brigade—No. 2 Battery.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
<b>Preliminary.</b>									
Sergt.-Major Johnston	1	2	3	5					
	2	1	3	4				9	
Sergeant Neilly	1	2	2	6					
	2	2	4	4				10	
Gunner Fulton	1	2	0	4					
	2	2	4	6				10	
Gunner Slipp	1	1	4	5					
	2	2	3	5				10	
Gunner Globe	1	2	4	6					
	2	1	2	3				9	
Gunner Trafton	1	2	3	5					
	2	2	3	5				10	
Corporal Ogler	1	1	3	4					
	2	1						4	
Gunner Belyea	1	1							
	2	1	2	3				3	
Preliminary								65	
<b>Final.</b>									
Corporal Neilly	1	2							
	2	2							
	3	2			7	40			
Gunner Fulton	1	1							
	2	2							
	3	2							
Gunner Slipp	1	2							
	2	1	2	3					
	3	2			5	30			
Gunner Trafton	1	2	2	4					
	2	2							
	3	1	4	5	4	45			
Final								12	
Aggregate								77	

RANK AND

Gunner Carlos  
Sergeant McG  
Gunner William  
Gunner McGow  
Gunner Armst  
Gunner Geldre  
Gunner Raimic  
Corporal Hatt

Gunner Armst  
Gunner McGow  
Gunner Geldre  
Corporal Hat



RECORD OF PRACTICE, ETC.—Continued.

British Columbia Brigade.—No. 2 Battery.

RANK AND NAME.	No. of round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
<b>Preliminary.</b>									
Sergeant Norgate	1	2	.	.	.	.	.	.	
	2	2	.	.	.	.	.	.	
Gunner Rhodes	1	2	3	.	5	.	.	.	
	2	1	.	.	.	.	.	.	5
Gunner Stannard	1	1	4	.	5	.	.	.	
	2	2	2	.	4	.	.	.	
Gunner Sutherland	1	2	3	.	5	.	.	.	9
	2	1	2	.	3	.	.	.	
Gunner Cullen	1	1	2	.	3	.	.	.	8
	2	2	4	2	8	.	.	.	11
Corporal Fawcett	1	2	2	.	4	.	.	.	
	2	2	3	.	5	.	.	.	9
Gunner Newbury	1	2	3	.	5	.	.	.	
	2	1	.	.	.	.	.	.	5
Gunner Butler	1	2	.	.	.	.	.	.	
	2	1	.	.	.	.	.	.	..
Preliminary									47
<b>Final.</b>									
Gunner Cullen	1	1	4	.	5	.	.	.	
	2	1	2	.	3	.	.	.	
Corporal Fawcett	3	2	.	.	6 25	.	.	.	8
	1	2	3	.	5	.	.	.	
	2	1	.	.	.	.	.	.	
Gunner Stannard	3	1	4	.	5 6 55	.	.	.	10
	1	1	4	.	5	.	.	.	
	2	1	2	.	3	.	.	.	
Gunner Sutherland	3	2	.	.	9 40 5	.	.	.	3
	1	2	2	.	4	.	.	.	
	2	1	3	.	4	.	.	.	
	3	2	4	.	6 8 30 2	.	.	.	12
Final									33
Aggregate									80

RANK AND NAME

Sergeant Drysdale

Gunner Losser.

Gunner Roper.

Gunner Wilson

Corporal Fleming

Sergeant Blanchard

Sergeant Williams

Sergeant Newbury

Gunner Losser.

Sergeant Newbury

Gunner Roper.

Gunner Wilson

RECORD OF PRACTICE, Etc.—Continued.

British Columbia Brigade.—No. 3 Battery.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.		Points lost for Overtime.	Final Total.	REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.			
<b>Preliminary.</b>									
Sergeant Drysdale.....	1	1	.	.	.	.	.	.	
	2	1	.	.	.	.	.	.	
Gunner Losser.....	1	2	3	.	5	.	.	.	
	2	2	4	2	8	.	.	.	43
Gunner Roper.....	1	2	.	.	.	.	.	.	
	2	2	4	2	8	.	.	.	8
Gunner Wilson.....	1	2	2	.	4	.	.	.	
	2	1	3	.	4	.	.	.	8
Corporal Fleming.....	1	2	.	.	.	.	.	.	
	2	2	2	.	4	.	.	.	4
Sergeant Blanchard.....	1	2	4	.	6	.	.	.	
	2	2	.	.	.	.	.	.	6
Sergeant Williams.....	1	1	4	.	5	.	.	.	
	2	1	.	.	.	.	.	.	5
Sergeant Newbury.....	1	1	4	.	5	.	.	.	
	2	1	3	.	4	.	.	.	9
									Preliminary ..... 53
<b>Final.</b>									
Gunner Losser.....	1	2	3	.	5	.	.	.	
	2	2	4	.	6	.	.	.	
	3	1	.	.	.	8	10	2	9
Sergeant Newbury.....	1	1	2	.	3	.	.	.	
	2	1	2	.	3	.	.	.	
	3	2	4	.	6	6	40	.	12
Gunner Roper.....	1	.	4	.	.	.	.	.	
	2	2	.	.	.	.	.	.	
	3	2	.	.	.	7	00	.	
Gunner Wilson.....	1	1	.	.	.	.	.	.	
	2	1	.	.	.	.	.	.	
	3	1	4	.	5	6	40	.	5
									Final ..... 26
									Aggregate ..... 79

RECORD OF PRACTICE, ETC.—Continued.

No. 4 Battery, British Columbia Brigade.

RANK AND NAMES.	No. of Round.	SCORE.			TIME.			REMARKS.
		Dir.	Elev.	Hit.	Total.	Min.	Sec.	
<b>Preliminary.</b>								
Gunner Blake	1	1	2	3				
	2	2	4	2	8			
Gunner Stafford	1	2						11
	2	1	2	3				
Sergeant McConnan	1	1	2	3				3
	2	2	3	5				
Sergeant Hibben	1	2	2	4				8
	2	1	2	3				
Gunner Scafe	1	2						7
	2	2	4	2	8			
Sergeant Williams	1	2	2	4				8
	2	2	3	5				
Corporal Francis	1	2						9
	2	2	3	5				
Gunner Grant	1	2	2	4				5
	2	1						4
Preliminary								55
<b>Final.</b>								
Gunner Blake	1	1	3	4				
	2	1	2	3				
	3	1						
Sergeant Hibben	1	2	3	5	9	05	4	3
	2	2	2	4				
Sergeant McConnan	3	2	4	6	7	55	1	14
	1	1						
	2	2						
Sergeant Williams	3	2			7	37		
	1	1						
	2	1	4	5				
	3	2	4	6	12	10	10	1
Final								18
Aggregate								73

1st. To  
arm, Cup o  
General, val  
2nd. To  
downe Cup t  
3rd .....

Clothing  
Guns, C  
Horses  
Harness  
Marchin  
Gun Dr  
Sword I  
Maneu  
Discipli

Question  
Percent  
Reducti

Clothing  
Manual  
Compar  
Gun Dr  
Discipli

Question  
Below a

\*A reduction of  
Officer or Gunner be  
torily accounted for

OTTAWA, 20  
The fol  
November, 1  
based on m  
points obtain

# GENERAL EFFICIENCY.

## FIELD AND GARRISON.

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

### Points Obtainable.

#### FIELD BATTERIES.

	FULL MARKS.
Clothing and Accoutrements .....	24
Guns, Carriages and Equipment.....	32
Horses .....	24
Harness and Harnessing .....	32
Marching Past .....	30
Gun Drill.....	56
Sword Drill .....	16
Manœuvres .....	32
Discipline and Camping .....	24
Questions { Officers ... ..	80
{ N. C. Officers .....	128
Percentage of Score, Gun Practice... ..	200
Reduction for Absentees, or below Establishment.*	
Total... ..	678

#### GARRISON BATTERIES.

Clothing and Accoutrements .....	10
Manual and Firing.....	20
Company Drill .....	20
Gun Drill.....	80
Discipline and Interior Economy .....	10
Questions { Officers .....	48
{ N. C. Officers .....	72
Below authorized Establishment* .....	
Total .....	260

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

By order.

J. B. DONALDSON, Captain,

OTTAWA, 26th June, 1891.

*Sec'y-Treasurer.*

The following tables taken from General Orders, dated 20th November, 1891, show the relative efficiency, Field and Garrison, based on marks given at Annual Inspection and a percentage of points obtained at gun practice.

COMPARATIVE GENERAL EFFICIENCY OF FIELD BATTERIES.

BATTERY.	OFFICER COMMANDING.	Clothing and Accoutrements.	Guns, Carriages and Equipment.	Horses.	Harnessing.	Marching Past.	Gun Drill.	Sword Drill.	Field Manoeuvres.	Discipline and Camping.	Question's		% Score.	Absentees.	Total.	Officers Absent.	INSPECTING OFFICER
											Officers.	N. C. Officers.					
	Full Marks.....	24	32	24	32	30	56	16	32	24	80	126	200	678			
Hamilton	Major Van Wagner	22	32	22	32	30	48	16	30	24	80	128	112.96	576	96	1	Lt.-Col. Cotton.
No. 1, 1st Bde.	Major Nicoll	20	28	20	26	27	52	15	26	20	55	112	123.15	523	15	1	Irwin.
No. 2, 1st Bde.	Major Davidson	20	28	22	28	30	48	15	28	22	71	123	77.76	515	76		Irwin.
Montreal	Major Hall	24	32	20	30	27	50	15	25	20	75	112	81.02	509	02		Montzambert.
Durham	Major McLean	20	28	18	24	27	46	10	18	16	58	104	128.24	404	24		Irwin.
Quebec	Major Lindsay	23	30	20	25	28	50	10	30	22	66	105	92.58	4	401	58	Montzambert.
Ottawa	Major Stewart	22	30	20	30	30	44	14	30	24	66	90	89.80	489	80		Cotton.
Woodstock	Major Dibblee	20	24	24	23	22	50	14	22	18	51	95	118.04	2	479	04	Montzambert.
Welland Canal	Major King	18	28	18	24	15	50	8	28	20	78	82	107.86	476	86		Major Drury.
Newcastle	Major Coutlee	19	24	22	24	25	40	12	28	22	70	90	115.74	8	401	74	Montzambert.
Winnipeg	Lt.-Col. Call	16	20	20	26	30	44	8	25	20	60	63	98	10	453	08	Lt.-Col. Montzambert.
Gananoque	Lt.-Col. McKenzie	12	23	18	24	27	45	8	25	20	70	88	87.50	445	50		Cotton.
Toronto	Major Mead	18	28	16	24	25	51	14	24	16	34	84	111.57	9	438	57	Major Drury.
Shelford	Lt.-Col. Amyrauld	15	20	10	25	25	45	0	25	20	56	52	95.38	11	393	38	Lt.-Col. Irwin.
London	Lt.-Col. Peters	20	16	10	16	25	30	1	28	20	36	80	78.24	2	349	24	Major Wilson.
Sydney	Major McLeod	20	25	18	16	25	52	12	28	14	54	58	78.24	7	313		Lt.-Col. Cotton.
Kingston	Major Drennan	20	28	16	24	26	28	12	15	10	41	67	78.24	32	255	1	Montzambert.
																	Irwin.

NOTE.—\* Gun practice over Sea Range prevented by inclement weather.  
 † Unable to show efficiency at this detail.  
 ‡ One Competitor absent.

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

CON  
 H. G.  
 N. B.  
 P. E.  
 Levis  
 Q. G.  
 Levis  
 N. B.  
 H. G.  
 N. B.  
 H. G.  
 N. B.  
 H. G.  
 H. G.  
 H. G.  
 Q. G.  
 M. G.  
 P. E.  
 M. G.  
 Q. G.  
 Dight  
 Maho  
 for  
 awa  
 Shr  
 from

## COMPARATIVE EFFICIENCY, GARRISON BATTERIES.

BATTERY	OFFICER COMMANDING.	Clothing and Accoutrements, Manual and Firing Exercises, Company Drill	Gun Drill.	QUESTIONS				Total.	Inspecting OFFICER.
				Discipline and Int. Economy.	Officers.	N. C. Officers.	Absentees.		
	Full Marks . . .	10 20	20 80	10 48	7 2	..	260		
H. G. A.	No. 3 Capt. Maxwell . . .	10 19	19 75	10 48	7 1	..	252	L.-Col. Montizambert	
"	" 5 " Oxley . . . . .	10 19	18 78	10 42	7 1	..	248	"	
N. B. G. A.	" 1 " Crawford . . .	10 20	16 78	10 43	7 2	2	247	"	
"	" 4 " Jones . . . . .	10 19	16 76	10 47	7 9	4	244	"	
P. E. I.	" 2 " Longworth . .	10 19	15 78	10 43	6 5	3	237	"	
Levis	" 1 " Martineau . .	8 19	15 67	10 38	6 9	..	226	"	
Q. G. A.	" 2 Major Boulanger .	9 15	17 70	8 35	6 8	2	220	"	
Levis	" 2 " Vien . . . . .	7 16	15 65	8 46	6 0	1	216	Captain Fages.	
N. B. G. A.	" 3 Capt. McLeod . . .	10 15	16 54	10 38	6 9	13	199	L.-Col. Montizambert	
H. G. A.	" 4 " Botsford . . . .	10 18	15 50	10 30	6 3	7	189	"	
"	" 6 " Parker . . . . .	10 18	17 60	10 22	5 10	10	179	"	
N. B. G. A.	" 2 " Gordon . . . . .	10 16	14 45	10 40	5 6	12	179	"	
H. G. A.	" 2 " Hesselein . . . .	10 16	12 35	10 42	5 5	12	168	"	
N. B. G. A.	" 5 " Steeves . . . . .	10 19	5 35	10 26	7 0	14	161	"	
M. G. A.	" 2 Lieut. McEwan . .	10 17	18 37	10 16	5 0	3	155	"	
H. G. A.	" 7 Capt. Anderson . .	10 17	15 40	10 27	4 2	8	153	"	
M. G. A.	" 1 " Ogilvy . . . . .	10 17	18 35	10 8	5 2	..	150	"	
H. G. A.	" 1 Major Purcell . . .	10 15	10 55	10 25	3 5	15	145	"	
Q. G. A.	" 1 " Roy . . . . .	8 16	16 32	8 12	5 9	7	144	Captain Fages.	
M. G. A.	" 4 Capt. Finlaysen . .	10 17	18 37	10 10	3 6	6	132	L.-Col. Montizambert	
P. E. I.	" 1 " Davison . . . . .	10 19	16 78	10 +	3	3	130	"	
M. G. A.	" 6 " Bissett . . . . .	10 17	18 35	10 16	2 2	6	122	"	
"	" 6 " Crathern . . . .	10 17	18 38	10 +	3 0	6	117	"	
"	" 5 Lieut. Reid . . . . .	10 17	18 36	10 12	1 4	6	111	"	
Q. G. A.	" 3 Capt. Morgan . . .	7 12	10 30	10 +	2	2	75	"	
Digby	Major Daley . . . .	Drill not completed at						f	"
Mahone Bay	Capt. Ernst . . . . .	Inspection.						f	"

NOTE.—†Unable to show efficiency in this detail.

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

## Questions.

Questions put to Officers and N. C. Officers at Inspection and for which marks as given in tables of Comparative Efficiency were awarded:

## FIELD ARTILLERY, 1891.

## OFFICERS.

## Questions—(Value 5 each.)

1. At Ranges from 1,000 to 3,000 yards, where should 9-pr Shrapnel be burst to produce the best effect against an extended front?

2. Explain the principle of range finding by trial shots—with four guns.
3. What are the duties, in action, of subalterns in charge of sections?
4. What are the different rates of fire, and when should they each be used.
5. State the detail for :  
From line to change front on a central sub-division.
6. From line to change front when in action.
7. A quarter column of sections to change front to a flank.
8. Action front.

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

#### N. C. OFFICERS.

##### Questions—(Value 4 each.)

1. Describe briefly the 9-pr. M. L. R. gun.
2. State the weights of the charges, and projectiles.
3. What difference in the range will be caused by three minutes elevation at ranges of 500, 1,000, 1,500 and 2,000 yards?
4. Describe how to bore a time fuze with hook borer.
5. State the general rule for approximating to the proper length of fuze.
6. State the different "Intervals," between files, sub-divisions, and batteries.
7. What is the difference between wheeling and shoulders forward?
8. Detail the sword arm signals.
9. State the general rules for Battery markers.
10. Show with a lanyard, how to make a clove hitch, a single bend, a single bow line, a reef knot.
11. State the rules for sentries challenging.
12. What are the rules for fitting the headstall and bit, the leading rein, girth, bridle rein?
13. Detail the ammunition carried by one sub-division—15 sec. fuses instead of 10 sec. and 5 sec.
14. What are the general duties of Nos. 1 before and after general parade.
15. State the general routine for stable duties.
16. State the method of placing the harness and saddlery in camp.

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

## GARRISON ARTILLERY, 1891.

## OFFICERS.

*Questions—(value 4 each.)*

1. At ranges from 1,000 to 4,000 yards, where should Shrapnel be burst to produce the greatest effect against an extended front.
2. State briefly what you know about friction tubes, cartridges for rifled guns, tin cups, wedge wads.
3. When a gun is supported horizontally on two skids, show how the pressure on each may be determined. What is the formula for calculating the breaking weight when a skid is supported at both ends and loaded in the middle?
4. Describe the operation of mounting a 64-pr. gun by long skids and rollers; detail the stores required.
5. Describe the general principle of finding an unknown range by means of trial shots.
6. What classes and descriptions of powder are used for rifled guns below 7-in? State the weight of all charges for 64 and 40-pr. R.B.L. guns.

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

## N. C. OFFICERS.

*Questions—(Value 3 each.)*

1. What is the object of rifling a gun?
2. What are the advantages of using an elongated projectile?
3. What are the variable forces acting on a projectile, and how can they be allowed for?
4. Describe how to bore a time fuze with hook borer.
5. Describe briefly how to make up a cartridge for a rifled gun.
6. Describe briefly a Shrapnel shell for a 64-pr.
7. Describe the action of the R. L. fuze on discharge and on striking the object.
8. Describe a heavy Drag Rope, a Parbuckling Rope. What is the rule for calculating the safe working strain of a rope?
9. Show how to make a Running Bowline Knot, a Double Bend, Drag Rope or Lever Hitch.
10. Describe how to raise a 64-pr. out of the trunnion holes.
11. What implements are required for boring and fixing fuses, and for preparing shell?
12. State the general instructions for N. C. Officers and men saluting.

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

D. T. IRWIN, LT.-COLONEL,

*Inspector of Artillery.*

## FIELD BATTERIES.

### DRILL AND DRIVING COMPETITION FOR GZOWSKI CUP.

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

#### CONDITIONS.

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

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

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

- 1 Gunners and Drivers prepare to mount. Mount.
2. Advance. Trot. March. Left-wheel. Forward. Right-wheel. Forward. Left-shoulders. Forward. Right-wheel. Forward. Left-wheel. Halt.

The gun to be taken through two gates, represented by pickets, 3 feet high, 6 feet 10 inches apart, and back again to the 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, 5 feet high, 30 yards distant, and 6 feet 10 inches apart—as soon as 15 yards clear then :—
  8. Halt Action rear.
  9. Load with a second drill cartridge and fire one round.
  10. Front limber up. Form the order of march. Halt.
- Cartridges to be taken separately from the limber box by No. 7. Ammunition not to be carried.

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

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

Umpire's decision to be final. No appeal.

PRIZES:

1st—Gzowski Challenge Cup and	- - -	\$50 00
2nd	- - -	25 00
3rd	- - -	15 00
4th	- - -	10 00

RESULT OF COMPETITION.

BATTERY.	No. of Sub-division.	Actual Time.		Added for Errors.	Corrected Time.		Average Time.	
		Min.	Sec.		Min.	Sec.	Min.	Sec.
Durham . . . . . Port Hope.	1	2	17	15	2	32		
	2	2	18	10	2	28		
	3	2	19	12	2	31		
	4	2	30	10	2	40	2	32.75
Quebec . . . . . Quebec.	1	2	33.4	..	2	33.4		
	2	2	21	10	2	31		
	3	2	17.2	10	2	27.2		
	4	2	42	15	2	57	2	37.15
No. 2, 1st Brigade . . . . . Guelph.	1	2	01.5	20	2	21.5		
	2	2	13	26	2	39		
	3	2	31.5	24	2	55.5		
	4	2	21.2	12	2	33.2	2	37.3
Ottawa . . . . .	1	2	38	17	2	55		
	2	2	12	19	2	31		
	3	2	29	10	2	39		
	4	2	31	7	2	38	2	40.75
Hamilton . . . . .	1	2	23	5	2	28		
	2	2	25	15	2	40		
	3	2	22	20	2	42		
	4	2	51	10	3	01	2	42.75
Montreal . . . . .	1	2	44	20	3	04		
	2	2	45	10	2	55		
	3	2	14	15	2	29		
	4	2	21.4	15	2	36.4	2	46.1
Gananoque . . . . .	1	3	23	23	3	46		
	2	2	32	13	2	45		
	3	2	17	23	2	40		
	4	2	00	18	2	18	2	52.25
Winnipeg . . . . .	1	2	57	20	3	17		
	2	2	29	15	2	44		
	3	2	34	13	2	47		
	4	2	32	18	2	57	2	56.25
No. 1, 1st Brigade . . . . . Guelph.	1	2	31.5	15	2	46.5		
	2	2	59	12	3	11		
	3	2	25	25	2	50		
	4	2	54	15	3	09	2	59.1
Sydney, C. B. . . . .	1	3	10	5	3	15		
	2	2	41	15	2	56		
	3	2	48.4	10	2	58.4		
	4	3	17	20	3	37	3	11.6
London . . . . .	1	3	56	25	4	21		
	2	3	21	25	3	46		
	3	4	20	40	5	00		
	4	3	17	10	3	27	4	08.5

NAMES OF DRIVERS AWARDED BADGES OF CROSS-WHIPS.

" A " Battery, R. S. A.....	}	Driver Henderson.
		" Huxley.
" B " Battery, R. S. A.....	}	" J. Laflamme.
		" G. Brown.
London Field Battery.....	}	" John Donohoe.
		" George Clampitt.
No. 1. By. 1st Brigade.....	}	" Austin.
2 " " .....		" Anderson.
Welland Canal Field Battery.....	}	" Lowden.
		" Stewart.
Toronto .....	}	" O'Donnell.
		" Duck.
Durham.....	}	" Johnston.
		" Moffatt.
Kingston .....	}	" Cornett.
		" Cousineau.
Gananoque .....	}	" A. Keyworth.
		" W. Simpson.
Ottawa.....	}	" T. Boyd.
		" F. Faber.
Montreal.....	}	" E. Proulx.
		" E. Houde.
Shefford .....	}	" R. O'Brien.
		" P. Kingston.
Quebec .....	}	
Newcastle .....	}	
Sydney .....	}	
Winnipeg .....	}	

S

T  
C  
officer  
peting  
enter f  
tachm

R  
riage s  
shifted  
brough  
the fir  
gun w  
both c  
the sp

T  
pages  
F  
cretion

U  
P  
ations  
C  
ation a

Drag  
Hands  
Lashin  
Plank

D  
S  
to be

## SHIFTING ORDNANCE COMPETITION.

ISLAND OF ORLEANS, QUEBEC—1891.

There will be two competitions (A) and B)

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

RULES.—A 32-pr. S. B. gun mounted on common standing carriage standing on centre of ground platform in line of fire, to be shifted, breech foremost, to another similar carriage which is to be brought ten yards from the rear and placed on the platform in rear of the first carriage, the gun to be lowered into the trunnion holes. The gun will then be shifted back again to its original carriage by slewing, both carriages being on the platform, and left in its original position the spare carriage being also replaced.

The operations to be in accordance with Drill Manual, Part III, pages 240-242.

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

Umpire's decision to be final.

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

COMPETITION (B).—*Go-as-you-please.*—The details of this operation and stores allowed will be made known on the ground.

### Stores Allowed for (A) Competition.

Drag Ropes, heavy,.....	2	Rollers, shifting, 14in.x 5in...	2
Handspikes, common, 6 ft... ..	8	Scotches, of sorts.....	12
Lashings, 1 1-2 in., 3 fms .....	2	Skids, oak, 3ft.x4in.x4in.....	3
Plank fir whole, 10ft.x17in.x3in.	1		

Details for " B " shift as made known on the ground :—

Same gun and carriage as for " A " shift, similarly placed. Gun to be dismantled clear of platform, and remounted by parbuckling.

Stores Allowed.

Parbuckling robes.....	2
Scotches of sorts .....	18
Handspikes, common, 6 feet .....	8
Skids 3' x {	
6" x 6" .....	2
6 x 9 .....	2
4 x 4 .....	2

Result of Competition.

"A" Shift.

No. 2 Detachment, Halifax Brigade.....	5' 29" 2-5
No. 1 " " " .....	5 47 3-5
Montreal Brigade .....	6 09

"B" Shift.

No. 1 Detachment, Halifax Brigade .....	9' 57" 1-5
No. 2 " " " .....	14 15
Montreal Brigade.....	16 08

The  
twenty-  
The tot  
who pe  
formed  
efficien

1st P  
2nd

Sergt.-M  
Sergeant  
Sergeant  
Sergeant  
Qr.-Mr.-  
Corporal  
Corporal  
Corporal  
Bomb. C  
Bomb. F  
Bomb. S  
Bomb. F  
Gunner  
Gunner

Major D  
Bomb. I  
Gunner  
Gunner  
Gunner  
Gunner  
Gunner  
Gunner  
Gunner

Captain  
Lieuten  
Lieuten  
Sergean  
Sergean  
Sergean  
Corpor

## VOLUNTARY DRILLS.

The names of officers, N. C. officers and men who performed twenty-five drills and over (as received to date) are given below. The totals are the aggregate totals for the batteries, the drills of men who performed under twenty-five being included. Those who performed twenty-five and over received a gold chevron as a mark of efficiency.

1st Prize—No. 1 Battery, Montreal Brigade.....\$20 00  
 2nd Prize—No. 6 Battery, Montreal Brigade..... 10 00

### 1st BRIGADE FIELD ARTILLERY.

#### No. 1 Battery.

Sergt.-Major Gilchrist .....	30	Gunner Linn .....	29
Sergeant McGregor .....	30	Gunner Billings .....	30
Sergeant Lawrence .....	28	Gunner Worthington .....	28
Sergeant Crowe .....	30	Gunner Richardson .....	29
Qr.-Mr.-Sergeant Ogg .....	30	Gunner Wicks .....	30
Corporal Lawrence .....	27	Gunner Leader .....	25
Corporal Wilkinson .....	30	Gunner Gould .....	25
Corporal Bolton .....	30	Gunner Shaw .....	27
Bomb. C. E. Sleeman .....	29	Gunner Reid .....	28
Bomb. E. A. Sleeman .....	29	Gunner Schaunberg .....	26
Bomb. Smith .....	30	Gunner Flemming .....	29
Bomb. Kennedy .....	30	Gunner Moffatt .....	27
Gunner Pender .....	28	Gunner Paynter .....	28
Gunner McGregor .....	30	Gunner Reid .....	27

#### No. 2 Battery.

Major Davidson .....	30	Sergeant Harrison .....	30
Bomb. Beckett .....	25	Gunner A. T. Wianeko .....	30
Gunner W. Dyke .....	25	Gunner C. W. Miller .....	30
Gunner J. Moody .....	26	Gunner B. Thomas .....	25
Gunner R. Aveline .....	27	Gunner A. R. Curzon .....	30
Gunner A. Holmes .....	27	Gunner H. Nunn .....	28
Gunner E. Andrews .....	28	Bomb. Brown .....	29
Gunner D. Aylsworth .....	30	Bomb. F. Carpenter .....	29
Gunner C. Silverhome .....	30	Corporal E. White .....	30
Gunner W. J. Brown .....	30	Sergeant Murphy .....	30
Gunner W. G. Harbour .....	30	Corporal E. J. Whitworth .....	29

### P. E. ISLAND BRIGADE GARRISON ARTILLERY.

#### No. 1 Battery.

Captain Davison .....	45	Corporal Ward .....	39
Lieutenant Carvell .....	3	Corporal McLeod .....	46
Lieutenant Stearns .....	49	Bomb. Proud .....	44
Sergeant Mathewson .....	51	Bomb. Goodwill .....	35
Sergeant Offer .....	45	Bomb. McDonald .....	46
Sergeant Connolly .....	34	Gunner Scantlebury .....	25
Corporal Murley .....	46	Gunner McAre .....	19

## No. 1 BATTERY, P. E. I. BRIGADE, G. A.—Continued.

Gunner Finlayson.....	3	Gunner Beers.....	2
Gunner Gillis.....	44	Gunner McLeod.....	47
Gunner George Gillespie.....	26	Gunner McLaine.....	16
Gunner Murley.....	26	Gunner Golfrey.....	21
Gunner Johnson.....	32	Gunner McKay.....	11
Gunner Bryant.....	48	Gunner Johnson.....	19
Gunner Biggs.....	26	Gunner Campbell.....	4
Gunner O'Reilly.....	26	Gunner Richard.....	31
Gunner Ward.....	25	Gunner B. Garmun.....	34
Gunner McLean.....	29	Gunner H. Jenkins.....	33
Gunner Mason.....	4	Gunner George McInnis.....	26
Gunner B. Steele.....	5	Gunner Pierce.....	33
Gunner McDonald.....	34	Gunner Cooke.....	28
Gunner Rodd.....	2	Gunner McKinnon.....	29
Gunner Hooper.....	13	Gunner Acorn.....	17
Gunner Hartz.....	5	Gunner Kiggins.....	29
Gunner McCannell.....	26	Gunner John Garmun.....	13
Gunner Waughn.....	10	Gunner Kinsman.....	20
Gunner Robert Steele.....	25		
Gunner Sabine.....	40	Total.....	1478
Gunner Wm. Gillespie.....	19		

## No. 2 Battery.

Captain Longworth.....	44	Gunner McNevin.....	37
Lieutenant Moore.....	19	Gunner Music.....	10
Lieutenant Dover.....	58	Gunner G. A. McDonald.....	27
Sergeant Whear.....	20	Gunner J. J. McDonald.....	48
Sergeant Quigley.....	40	Gunner P. Welsh.....	31
Sergeant Ramsey.....	29	Gunner Myers.....	13
Corporal Johnston.....	21	Gunner Carver.....	36
Corporal Peake.....	34	Gunner McInnis.....	28
Corporal Prowse.....	24	Gunner M. Doucette.....	26
Corporal Gorman.....	27	Gunner L. Doucette.....	18
Gunner Wood.....	11	Gunner Mooney.....	10
Gunner Splague.....	31	Gunner Reid.....	16
Gunner Miller.....	29	Gunner Inman.....	20
Gunner Moore.....	47	Gunner Jenkins.....	13
Gunner A. Howatt.....	14	Gunner Harper.....	17
Gunner Curran.....	51	Gunner McLaren.....	6
Gunner Kennedy.....	32	Gunner Munroe.....	17
Gunner Gill.....	17	Gunner McRae.....	9
Gunner Gun.....	11		
Gunner T. Howatt.....	30	Total.....	971

## MONTREAL BRIGADE GARRISON ARTILLERY.

## No. 1 Battery.

Bde. Sergt.-Major J. E. Benton.....	130	Gunner W. Converse.....	63
By Sergt.-Major D. J. H. Murdoch.....	59	Gunner A. Dennis.....	76
Sergeant J. T. Courtney.....	75	Gunner J. G. Cook.....	78
Sergeant John Drysdale.....	81	Gunner A. Edmonds.....	81
Sergeant Thomas Harper.....	63	Gunner E. Evans.....	79
Corporal G. A. Clarke.....	85	Gunner F. Nelson.....	62
Corporal Jas. A. Kyle.....	54	Gunner J. Cunnis.....	37
Corporal W. J. Stewart.....	72	Gunner H. Lennan.....	21
Corporal E. C. Salmon.....	80	Gunner Geo. Phipps.....	53
Gunner W. Thompson.....	37	Gunner J. Bartnett.....	49
Gunner Geo. Daoust.....	43	Gunner W. Ashdown.....	80
Gunner F. Fife.....	66	Gunner J. Hughes.....	76
Gunner T. R. gerson.....	49	Gunner F. Harris.....	11
Gunner R. W. Weir.....	51	Gunner J. Cleghorn.....	17
Gunner Geo. Cooke.....	15	Gunner W. Harris.....	9
Gunner S. Hughes.....	60	Gunner A. Wesbty.....	40
Gunner C. A. Sheppard.....	10	Gunner P. E. Rowell.....	43

Gunner J  
Gunner V  
Gunner J  
Gunner C  
Gunner J

Lieut. A  
Battery S  
Sergeant  
Sergeant  
Acting S  
Corporal  
Corporal  
Bombard  
Bombard  
Bombard  
Gunner J  
Gunner  
Gunner  
Gunner  
Gunner  
Gunner  
Gunner

Battery  
Sergeant  
Sergeant  
Sergeant  
Corpora  
Corpora  
Bombard  
Bombard  
Bombard  
Gunner  
Gunner  
Gunner  
Gunner  
Gunner  
Gunner

Captain  
Battery  
Sergeant  
Sergeant  
Staff-Se  
Corpora  
Corpora  
Corpora  
Bombard  
Bombard  
Bombard  
Acting

## No. 1 BATTERY, MONTREAL BRIGADE G. A.—Continued.

Gunner J. H. Neilson .....	51	Trumpeter S. McGarry .....	45
Gunner W. Bouker .....	16	Drummer A. Nickle .....	42
Gunner Jas. Pilon .....	32		
Gunner Geo. Fielders .....	39		
Gunner Jos. Harvey .....	28		
		Total .....	2158

## No. 2 Battery.

Lieut. A. McEwen .....	44	Gunner F. Dolan .....	7
Battery Sergt.-Major R. A. Beatty .....	51	Gunner H. Graves .....	32
Sergeant J. G. Poole .....	38	Gunner J. Morris .....	43
Sergeant F. G. Nicholls .....	47	Gunner J. Clark .....	13
Acting Sergeant J. D. Brown .....	50	Gunner J. Andrews .....	13
Corporal J. Gubian .....	49	Gunner F. Rogers .....	31
Corporal J. Pink .....	50	Gunner H. Cooper .....	30
Bombardier C. Heisser .....	47	Gunner W. Beck .....	23
Bombardier J. McCleave .....	47	Gunner E. Young .....	10
Bombardier J. Overing .....	45	Gunner J. Gee .....	13
Gunner E. Curtis .....	25	Gunner C. Ellicott .....	9
Gunner C. Cunningham .....	20	Gunner P. Hanlan .....	8
Gunner H. Wadge .....	35	Gunner O. Callaghan .....	16
Gunner W. Lane .....	9	Gunner H. Rolfe .....	4
Gunner Geo. Rothwell .....	50	Gunner O. Donigan .....	3
Gunner W. Evans .....	41	Gunner C. Wight .....	26
Gunner G. Little .....	48	Gunner J. O'Shea .....	8
Gunner C. King .....	14	Gunner A. Forbes .....	3
Gunner M. Pritchard .....	26	Gunner T. Telling .....	2
Gunner P. Penny .....	43	Drummer G. Taylor .....	17
Gunner C. Clelland .....	25	Trumpeter J. Glover .....	17
Gunner M. Berry .....	19		
Gunner H. Clark .....	28		
		Total .....	1179

## No. 3 Battery.

Battery Sergt.-Major S. D. Jones .....	35	Gunner H. Creegan .....	25
Sergeant P. McDonald .....	35	Gunner W. Alliston .....	15
Sergeant J. J. Bell .....	15	Gunner T. D. Tattersall .....	14
Sergeant D. K. Goodfellow .....	39	Gunner A. E. Hemmington .....	12
Corporal A. Elvidge .....	28	Gunner H. Tattersall .....	16
Corporal A. Morrison .....	50	Gunner R. Walker .....	12
Bombardier Jas. Wooley .....	18	Gunner A. Harris .....	12
Bombardier H. Bartlett .....	26	Gunner W. Draffin .....	11
Bombardier E. H. Tilley .....	26	Gunner W. J. Ireland .....	12
Gunner C. Kermode .....	25	Gunner M. J. Hayes .....	26
Gunner A. Holstead .....	25	Gunner J. Cairns .....	20
Gunner Jas. Wilson .....	29	Gunner J. F. Verret .....	15
Gunner H. Foreman .....	20	Drummer W. J. Brown .....	26
Gunner D. Dowell .....	19	Staff-Sergt. Jas. Cooper, jr. ....	35
Gunner E. Hay .....	15		
Gunner F. Cooper .....	26		
Gunner E. G. Johnston .....	12		
		Total .....	694

## No. 4 Battery.

Captain J. A. Finlayson .....	42	Bugler W. Wray .....	15
Battery Sergt.-Major W. S. Dowker .....	42	Gunner G. Morgan .....	14
Sergeant R. J. Clarke .....	33	Gunner J. J. Hillier .....	31
Sergeant H. Finlayson .....	41	Gunner G. A. Lunan .....	38
Staff-Sergt. W. E. Wilson .....	28	Gunner G. Burgess .....	34
Corporal A. G. Sykes .....	34	Gunner T. Fessenden .....	7
Corporal J. Smith .....	29	Gunner H. Chauvin .....	25
Corporal R. E. Jones .....	36	Gunner J. Hughes .....	39
Bombardier D. Church .....	25	Gunner A. Hinton .....	31
Bombardier A. Allan .....	18	Gunner E. Lamb .....	17
Bombardier C. Burton .....	35	Gunner I. Trudeau .....	27
Acting Bombardier E. J. Robinson .....	25	Gunner F. W. Holliday .....	19

No. 4 BATTERY, MONTREAL BRIGADD G. A.—Continued.

Gunner W. Parks .....	39	Gunner J. A. Innes .....	18
Gunner M. Lambert .....	8	Gunner A. Wyatt .....	26
Gunner C. Ward .....	25	Gunner J. J. Holliday .....	13
Gunner W. Fisher .....	15	Gunner A. Gardner .....	12
Gunner W. Fowler .....	26		
Gunner W. Mason .....	25	Total .....	924
Gunner J. Hinchcliff .....	32		

No. 5 Battery.

Battery Sergt.-Major J. Norris .....	37	Gunner R. Edson .....	27
Sergeant W. Tringle .....	37	Gunner P. Westernlinck .....	32
Sergeant J. Carpenter .....	37	Gunner E. Rea .....	8
Sergeant J. Howell .....	34	Gunner D. Towle .....	31
Corporal R. Cooke .....	35	Gunner Geo. Heath .....	18
Corporal J. Cokers .....	36	Gunner J. Porter .....	8
Corporal N. Barnwell .....	37	Gunner W. Heagle .....	10
Bombardier F. Hammond .....	37	Gunner G. Allen .....	20
Bombardier G. Woodburn .....	31	Gunner G. Towle .....	31
Bombardier E. Hamilton .....	35	Gunner J. Kydd .....	34
Gunner N. Walker .....	36	Gunner J. Taylor .....	29
Gunner A. Terroux .....	20	Gunner Munk .....	9
Gunner J. Harper .....	26	Gunner J. Murray .....	20
Gunner G. McMullen .....	18	Trumpeter M. Ward .....	32
Gunner J. Jubert .....	14	Drummer T. McDonald .....	27
Gunner A. Carpenter .....	29	Staff-Sergt. F. Woolley .....	30
Gunner A. Jensen .....	17		
Gunner J. Price .....	16	Total .....	911
Gunner A. Duval .....	13		

No. 6 Battery.

Battery Sergt.-Major Fegan .....	62	Gunner G. Sharpe .....	30
Qr.-Mr.-Sergt. McGinnis .....	62	Gunner Orr .....	45
Sergeant W. C. Fyfe .....	62	Gunner Osborne .....	43
Sergeant A. Fyfe .....	62	Gunner O'Grady .....	41
Sergeant McGlashan .....	42	Gunner Curtis .....	46
Corporal Goodbody .....	50	Gunner Foote .....	42
Corporal Gardiner .....	56	Gunner Brown .....	23
Corporal Hutchinson .....	58	Gunner Brock .....	18
Bombardier Gubian .....	56	Gunner Stevens .....	24
Bombardier Goodbody .....	54	Gunner Crossland .....	24
Gunner Bricault .....	40	Gunner Allison .....	62
Gunner Heathcote .....	31	Gunner G. Brown .....	18
Gunner McManus .....	52	Gunner Wesley .....	28
Gunner Hogan .....	58	Gunner Watts .....	12
Gunner Smallman .....	50	Gunner O'Rourke .....	16
Gunner Greenfield .....	58	Gunner McEwen .....	5
Gunner Brophy .....	54	Gunner Kelly .....	18
Gunner Dixon .....	30		
Gunner Robertson .....	48	Total .....	1522
Gunner T. Sharpe .....	42		

SHORT COURSE EFFICIENCY.

KINGSTON.			
Sergeant C. Petersen .....	Winnipeg Field Battery .....	85.12	\$15
Gunner S. A. London .....	Montreal Field Battery .....	84.12	10
Sergeant W. L. Johnston .....	Toronto Field Battery .....	78.	8
Gunner J. Brothers .....	Ottawa Field Battery .....	75.75	5
QUEBEC.			
Sergeant F. Bacon .....	Digby Garrison Battery .....	91	\$15
Corporal J. Ward .....	P. E. I. Brigade, Garrison Artillery .....	84	10
Gunner G. F. Humphries .....	Montreal Brigade, Garrison Artillery .....	81	8
Gunner R. J. Wood .....	P. E. I. Brigade, Garrison Artillery .....	80	5

## Report of Annual General Meeting.

Proceedings of an Annual General Meeting held in the Tower Room, Parliament Buildings, Ottawa, on Thursday, 17th March, 1892.

Lt.-Colonel Stevenson, President of the Association, occupied the chair.

Present:—His Excellency the Governor General, Patron of the Association, accompanied by Capt. Walsh, A. D. C.; Lt.-Colonel the Hon. Mackenzie Bowell, Minister of Militia; Major General Herbert, C.B., Comdg. the Militia; Colonel Walker Powell, Adjutant General; Colonel Panet, Deputy Minister; Lt.-Col. Irwin, I. of A.; Lt.-Col. Hon. G. A. Kirkpatrick, M.P.; Lt.-Col. Prior, A.D.C., M.P.; Lt.-Col. Otter, D.A.G.; Lt.-Col. Turnbull, M.G.A.; Lt.-Col. Hood, 5th Royal Scots; Lt.-Col. Macpherson, Director of Stores; Major Cole, M.G.A.; Capt. Bliss, Ottawa Field Battery; Dr. Wicksteed, Lieut. Gilmour, Mr. J. D. Taylor, Capt. Donaldson.

The meeting was called to order at 12.15 p.m.

The President moved, seconded by Lt.-Col. Prior, "That the Report as printed and distributed be received and taken as read." In doing so he expressed regret at the small number of Artillery officers present. This might be because of the general satisfaction with the manner in which the affairs of the Association were conducted, or of a feeling of indifference, but if the latter were the case it was certainly confined to the attendance at the meeting, as during the year great interest had been shown in the practical working of the Association. The motion was carried.

Lt.-Col. Irwin, as Chairman of the Executive Committee, moved "That the report be adopted, and the accounts as audited be passed." In doing so he reviewed briefly the several competitions carried out during the year. With respect to the range-finding practice, which he stated it was proposed should be continued next season, he said that whilst in former years, with the smooth bore guns in use and the targets plainly visible, very careful laying was not a necessity; the adoption of rifled guns makes the case entirely different, the ranges being so great that the most careful observation was called for. The Dominion Artillery Association had, in a humble way, endeavoured

to imitate the example of the Royal Artillery, and commencing with range-finding practice with one gun, they had gone on to two, and then the whole battery.

The competitive gun practice at Kingston had been carried out with good results.

The drill and driving competition was also exceedingly well carried out, and the beautiful cup offered by Col. Sir Casimir Gzowski had been finally won by the Durham Field Battery, as winners two years in succession. They richly deserved the victory, their record for several years having been exceedingly high.

With respect to the Garrison Artillery practice, usually carried out at the Island of Orleans, a change was proposed with a view to meeting the claims of the Maritime Province gunners for a meeting nearer home. Lt.-Col. Montizambert, Asst. Inspector of Artillery, had examined the range available at Bedford Basin, Halifax, an almost land locked arm of the sea, and having found it in every way suitable for Garrison gun practice, it was proposed that next year's meeting should be held there. Col. Ryan and the other officers of the Imperial troops at that station had promised to do all possible to assist in carrying out the arrangements; and the expected facilities for practice with the modern improved guns of the Imperial Garrison would be an inducement to the Ontario and Quebec members to visit Halifax.

The Field Battery practice would, it was hoped, be carried out next season as usual.

A deplorable and fatal accident had occurred at the shifting ordnance competition at the Island of Orleans, but this was the first accident since the inception of the competitions, and was the single exception to the rule that when properly conducted they are quite safe. The accident could not have been foreseen and no one could be held blameworthy.

As to the efficiency competitions he could not speak too highly of the good effects they had upon the whole artillery force. His Excellency had been kind enough to continue his presentation of cups, and they were the objects of the greatest emulation. The credits in these competitions had been doubled in value, in order to assist the inspecting officers in making their awards relatively accurate, and the plan had worked well. A specially noteworthy fact was the manner in which the questions were answered by the members of the leading batteries, showing a thorough study of the subjects.

The prize list had been increased by \$304, making a total of

\$2,334  
spent i

C  
adopte

It

Associ

attend

Associ

ciency,

sentim

great s

ings at

son se

H

applau

for the

past oc

but he

Col. T

tion.

compe

camp

titled

made.

would

H

the M

there,

Queb

He fel

Regul

Sir Jo

practi

by the

S

in the

most

he cor

to see

small

\$2,334 offered last year, besides which all had been paid for the time spent in camp in connection with the competition.

Capt. Bliss seconded the resolution, and the report was then adopted, and the accounts as audited were passed.

It was then moved by Lt.-Col. Turnbull, "That the thanks of the Association be tendered His Excellency the Governor General for his attendance at this meeting, for the kindly interest taken by him in the Association, and for his continued donation of prizes for General Efficiency." The mover said he felt that this motion represented the sentiments of the Artillery all over the country, who had noted with great satisfaction the interest His Excellency had taken in the meetings at the Island of Orleans and elsewhere. Lt.-Col. John Macpherson seconded the resolution, and it was carried by a rising vote.

#### HIS EXCELLENCY'S REPLY.

His Excellency the Governor General, who was received with applause, in returning thanks said that he was extremely indebted for the kindness with which he was received, not only on this but on past occasions, by the members of the Dominion Artillery Association but he was more than touched by the very kind manner in which Lt.-Col. Turnbull had spoken of the interest he had taken in the Association. He visited with pleasure the Island of Orleans and saw the competition going on there last season. The camp commandant, the camp quartermaster, and indeed all the officers concerned, were entitled to the greatest credit for the excellent arrangements they had made. The camp was a plain one but it was very businesslike. It would be very difficult to find a better range.

He was very glad that some concession was likely to be made to the Maritime Provinces members, by holding the next gun practice there, in consideration for the long journeys they have been making to Quebec. A good range would be found at Bedford Basin, Halifax. He felt quite sure—and General Herbert would bear him out—that the Regulars there have every desire to facilitate the camp arrangements. Sir John Ross had expressed his willingness to give opportunities for practice with the improved guns at Halifax, and anything sanctioned by the authorities he would gladly carry out.

Since the last meeting of the Association, there had been a change in the office of Minister of Militia, a gentleman well known as the most efficient head of another department having been placed where he could be of immense advantage to the militia force. He was glad to see the new Minister present, and would direct his attention to the small appropriation for rifled ordnance made every year, though no

advantage was taken of it. He would not advise any but the most cautious investment in this connection, but thought we should have the most improved guns of position. If, however, our present weapons are not as perfect in equipment as they might be, practice with them is of great advantage and he trusted it would not be neglected during the coming year.

The Field Batteries, so far as he had seen, had maintained an excellent record, and he congratulated the Durham Battery upon their exceptionally proud position. As to the Association generally, so long as the spirit now inspiring prevails, it could claim and should receive the utmost attention from all good citizens.

It was moved by Major Cole, and seconded by Lt.-Col. Otter, "That the thanks of the Association are due and hereby tendered to the members of the Government and to Parliament through the Hon. the Minister of Militia and Defence for the grants annually received in aid of the needs of the Association, and that the Hon. Mackenzie Bowell, Minister of Militia and Defence, be added to the list of Vice-Patrons of the Association."

Lt.-Col. Hon. Mackenzie Bowell, replying, thanked the Association for the resolution, and Lord Stanley for the kind reference made in his address. He could promise His Excellency and the head of the Council that whatever advice he might tender them his desire would be to do what was best in the interest of the force. He knew that in the days of his active military connection there were very great demands on its behalf, and he anticipated that in this as in the Customs Department the demands would be rather more than could be granted. He invited, however, representation of all desires, and if any could not be granted he would frankly tell them so, and why (applause). This he had found to be the better way for all concerned. On the subject of weapons, he thought it highly desirable that the best arm procurable should be had for each branch of the service, and he should do his best to render the Artillery and the whole force as effective as possible.

Moved by Lt.-Col. Irwin, seconded by Capt. Donaldson, and carried, that the following, of which due notice had been given, be a new Rule of the Association: "Officers who compete for prizes must be Life or Annual Members of the Association." The mover stated that this clause had been adopted in the Report of Council at the Annual Meeting held on 21st May, 1891, but inasmuch as it had not been brought regularly before the Association as a new rule it had not been enforced.

Moved by Captain Donaldson, seconded by Lt.-Col. Turnbull, and carried, "That the thanks of the Association are due and are hereby tendered to the Hamilton Powder Company for its continuance of the donation of One Hundred Dollars, and that Dwight Brainerd, Esq., be elected a Life Member of the Association.

ELECTION OF OFFICERS.

Major General Herbert moved "That Lt.-Col. Curren, H.G.A., be elected President for the coming year." This choice, he pointed out, would be particularly apt in view of the intention to hold the next Garrison meeting at Halifax. As the Maritime Provinces furnish so large a proportion of the competitors and the Halifax Brigade is one of the most efficient in the Dominion, it would be a graceful act this year to move the meeting down to Halifax. He knew there would be no difficulty about the arrangements. There were at Halifax some of the most modern specimens of artillery, and this opportunity of seeing the really scientific application of artillery knowledge would give a decided impetus to our force.

He thought it not out of place here to make some few remarks on the Canadian Artillery in general, and its efficiency, which he thought was largely due to this Association. As he had already intimated in a General Order, he considered the Artillery the most efficient arm in the Dominion, and this he attributed to the system of inspection carried out in connection with the work of the Dominion Artillery Association. Inspection had thus been prevented from degenerating into a mere parade and march past, for while the effect of inspection—what is efficiency and what is not—had been largely lost sight of in many instances, such was not the case here. Even here, however, he considered that too much importance had been attached to some things and not enough to others—for instance, discipline and interior economy appeared to be slighted—and he had discussed with the Inspector plans for improvement, with the result that he thought they had struck upon a plan for keeping the ledgers in better order, thus securing that the batteries should get their equipment in proper time. He blamed the officers of the batteries for the hitherto faulty administration which had permitted the matter of equipment to be neglected until the last moment.

In the Report of Council, at paragraph 8, he noticed a strong recommendation that a longer period than twelve days should be allowed for the annual drill of the artillery. This he could not support, so long as he saw a third of the Militia not drilled at all. He would, however, recommend the grant of pay by the Department to

such detachments as go into camp for practice under the auspices of the Association. Personally, he would like to see the period of drill increased, but feared this could not be done; the other he thought could be done.

Lt.-Col. Prior, M.P., seconded the motion and the election of Lt.-Col. Curren as President was unanimously carried.

The following officers were elected Vice-Presidents: Lt.-Colonel Armstrong, A.D.C., N. B. Brigade G. A.; Lt.-Colonel Prior, A.D.C., M.P., B. C. Brigade G. A.; Lt.-Colonel Turnbull, M. G. A., and Lt.-Colonel Moore, P. E. I. Brigade G. A.

The following officers were elected Members of Council:—

Lt.-Colonel A. A. Stevenson, Montreal.

Captain McCrae, Guelph.

Captain Bliss, Ottawa.

Capt. Bliss moved, seconded by Lieut. Gilmour, "That the thanks of the Association are due and hereby tendered to Lt.-Col. Macpherson and A. E. Knight, Esq., for services as Auditors, and that they be re-elected."—Carried.

The Chair having been taken by Lt.-Col. Turnbull, Lt.-Col. Irwin moved a vote of thanks to the retiring President, which was carried unanimously.

Lt.-Colonel Stevenson having replied, the meeting was declared closed.

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

T  
Artille  
P  
Lt.-Co  
L  
occupi  
T  
names  
Pr  
V  
E  
St  
A  
Lt.-Col  
the Ma  
son Art  
isfactor  
suggest  
It  
re mess  
It  
Capt. B  
paration

## Report of Council Meeting.

The Council met at 2.30 p.m in the office of the Inspector of Artillery.

Present—Lt.-Col. Irwin, Lt.-Col. Stevenson, Lt.-Col. Turnbull, Lt.-Col. Otter, Major Cole, Captain Bliss, Captain Donaldson.

Lt.-Colonel Irwin in the absence of the President of Council occupied the chair.

### ELECTION OF OFFICERS.

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

PRESIDENT—Major Nicoll, 1st Brigade F. A.

VICE-PRESIDENTS—Major Crawford Lindsay, Quebec.

Lt.-Colonel Call, Newcastle.

Lt.-Colonel Irving, Charlottetown.

Major Cole, Montreal.

EXECUTIVE COMMITTEE—Lt.-Colonel Macdonald, Q.C.

Captain Maxwell.

SECRETARY-TREASURER—Captain Donaldson.

A Committee of Council consisting of Lt.-Col. Irwin, Ins. of Art.; Lt.-Col. Stevenson, Lt.-Col. Turnbull and Major Cole, waited upon the Major General Commanding with reference to holding the Garrison Artillery competition for 1892 at Halifax, N. S., and received satisfactory assurance of his cordial co-operation in carrying out the suggestion of the Committee.

It was decided that the suggestion of the Executive Committee, *re* messing, in clause 3 of their report, be adopted.

It was also decided on motion of Lt.-Col. Stevenson, seconded by Capt. Bliss, that all details as to carrying out competitions and preparation of prize list be referred to the Executive Committee.

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

## DOMINION ARTILLERY ASSOCIATION IN ACCOUNT

1891.

## RECEIPTS.

May 13	Balance in Bank of Montreal, Ottawa .....	\$1860 17
	Montreal Field Battery, affiliation .....	10 00
	Sydney " " " .....	10 00
	Lieut. Macnachten, membership .....	2 00
	" Hurdman, " .....	2 00
	Lt-Col. Stevenson " .....	2 00
	Capt. McNaughton " .....	2 00
	" Hooper " .....	2 00
	" McCrae " .....	2 00
	Winnipeg Field Battery, affiliation .....	10 00
	Major Nicoll, membership .....	2 00
	Montreal Brigade G. A. (6 batteries) affiliation .....	36 00
	New Brunswick Brigade (5 batteries) " .....	30 00
	Yarmouth Battery, affiliation .....	6 00
	Digby " " .....	6 00
	Ontario Artillery Association, affiliation for:	
	Royal Military College .....	\$10 00
	"A" Battery R. C. A. .....	10 00
	London Field Battery .....	10 00
	Hamilton " " .....	10 00
	Welland Canal " .....	10 00
	No. 1 Battery, 1st Brigade .....	10 00
	No. 2 " " .....	10 00
	Toronto Field Battery .....	10 00
	Durham " " .....	10 00
	Kingston " " .....	10 00
	Gananoque " " .....	10 00
	Ottawa " " .....	10 00
	Cobourg Garrison .....	6 00
	Shefford Field Battery, affiliation .....	126 00
	Newcastle " " " .....	10 00
	Lt.-Col. Call for 1892, membership .....	2 00
	Dominion Government, special grant .....	2000 00
	" " annual " .....	900 00
	"B" Battery, R. S. A., affiliation .....	10 00
	British Columbia Brigade (3 batteries) .....	18 00
	Quebec Field Battery, affiliation .....	10 00
	Hamilton Powder Company, donation .....	100 00
	Halifax Brigade, G. A. (7 batteries) affiliation .....	42 00
	Refund working pay (voucher 89 for 90) .....	165 50
	Carried forward .....	\$5375 67

WIT

Lieut.  
Advert  
Major  
J. D. T  
P.E.I.  
Montre  
P. E. I  
New B  
Halifax  
Digby  
P. E. I  
Montre  
Yarmo  
Cobour  
No. 2 I  
No. 1 I  
No. 2  
Halifax  
Montre  
P. E. I  
Digby  
Yarmo  
N. B. I  
Cobour  
Major  
Lieut.  
Bell T  
T. Pug  
Camp  
White  
Pichett  
Noel, S  
" I  
" V  
Expres  
Alterat  
Camp  
Pay of  
W. W.  
Camp  
Workin

WITH THE TREASURER, FOR THE YEAR 1891.

## DISBURSEMENTS.

Lieut. McCrae, prize, officers' competition 1890.....	\$25 00
Advertising annual meeting .....	1 00
Major King, prize, officers' competition, 1890.....	10 00
J. D. Taylor, printing annual report .....	153 75
P.E.I. Brigade, voluntary drills, 1890 .....	20 00
Montreal Brigade, voluntary drills and firing competition.....	12 00
P. E. I. Brigade, short course efficiency 1890 .....	8 00
New Brunswick Brigade, allowance for Island of Orleans.....	90 00
Halifax Brigade, G. A., " " " .....	283 50
Digby Battery " " " .....	42 00
P. E. I. Brigade " " " .....	147 12
Montreal " " " .....	121 50
Yarmouth Battery " " " .....	54 00
Cobourg " " " .....	33 75
No. 2 Battery, Quebec " " " .....	6 75
No. 1 Battery, Levis " " " .....	6 75
No. 2 " " " .....	6 00
Halifax Brigade, prizes firing competition,.....	140 00
Montreal " " " .....	6 00
P. E. I. " " " .....	6 00
Digby Battery " " " .....	62 00
Yarmouth " " " .....	8 00
N. B. Brigade " " " .....	46 00
Cobourg Battery " " " .....	6 00
Major Boulanger " Officers " .....	10 00
Lieut. Marsan " " " .....	15 00
Bell Telephone Company, Island of Orleans .....	17 30
T. Pugh, fuel, wood .....	6 00
Camp Quarter-Master, contingent expenses .....	11 50
Whitehead, puncheons for targets.....	12 00
Pichette, right of way to range.....	5 00
Noel, Straw, etc .....	12 65
" Lumber, labor, cartage, etc .....	94 62
" Work on telephone .....	6 25
Express charges .....	15 04
Alteration to splinter proof .....	46 95
Camp Quarter-Master, expenses late Corpl. McDonald.....	5 25
Pay of staff, Island of Orleans .....	90 00
W. W. White, badges, prizes, etc .....	165 80
Camp Quarter-Master, pay .....	31 20
Working pay, detachment "B" Battery .....	70 50
<i>Carried forward</i> .....	\$1910 18

TREASURER'S STATEMENT—Continued.

<i>Brought forward</i> .....	\$5375 67
P. E. I. Brigade, No. 1 Battery, affiliation .....	6 00
“ “ 2 “ “ .....	6 00
“ “ 4 “ “ .....	6 00
Lt.-Col. Moore, membership .....	2 00
Capt. Longworth, “ .....	2 00
“ Davison “ .....	2 00
“ Morson “ .....	2 00
Surgeon Jenkins “ .....	2 00
Lieut. Moore “ .....	2 00
“ Sterns “ .....	2 00
No. 1 Battery, G. A., Levis, affiliation .....	6 00
No. 2 “ “ “ .....	6 00
No. 2 Battery, G. A., Quebec, “ .....	6 00
Lt.-Col. Turnbull, membership .....	2 00
Capt. Finlayson “ .....	2 00
“ Ogilvy, “ .....	2 00
Major Davidson “ .....	2 00
J. D. Taylor, Esq. “ .....	2 00
Interest to 31st December, 1891 .....	23 33
Major Mead, membership .....	2 00
Capt. Bissett, “ .....	2 00

<i>Carried forward</i> .....	\$5463 00

Wilson &  
 Livernois  
 Trudel, h  
 Spangenh  
 Sowards,  
 Spence, c  
 Royal M  
 Quebec  
 Durham  
 No. 2 Ba  
 Ottawa  
 Halifax  
 Kingsto  
 Dr. Tur  
 N. B. Br  
 J. D. Ta  
 Montrea  
 Major I  
 Halifax  
 No. 1 B  
 Hamilt  
 1st Brig  
 B. C. B  
 “A” Ba  
 “B”  
 Gananc  
 Sheffor  
 Durhan  
 No. 1 B  
 Newcas  
 Quebec  
 Hamilt  
 Toront  
 Wellan  
 Montre  
 No. 2  
 No. 2  
 Secret  
 Worki  
 Sowa  
 Militia  
 W. W  
 Postag

## TREASURER'S STATEMENT—Continued.

	<i>Brought forward</i> .....	\$1910 18
5 67	Wilson & Co., framing photos .....	3 50
6 00	Livernois, photographs .....	39 95
6 00	Trudel, hire of express .....	10 00
2 00	Spangenberg, repairs to watch .....	5 00
2 00	Sowards, cartage, Kingston camp .....	8 00
2 00	Spence, carpenter work, Kingston camp .....	9 00
2 00	Royal Military College, prizes .....	25 00
2 00	Quebec Field Battery, prizes driving competition .....	25 00
2 00	Durham " " " " .....	35 00
2 00	No. 2 Battery, 1st Brigade " " " " .....	15 00
5 00	Ottawa Field Battery .....	10 00
5 00	Halifax Brigade, shifting ordnance prizes .....	140 00
5 00	Kingston Camp, pay of staff .....	69 50
2 00	Dr. Turcot, pay, etc., Camp Orleans .....	8 20
2 00	N. B. Brigade, prizes local headquarters .....	20 00
2 00	J. D. Taylor, printing circulars, etc .....	15 00
2 00	Montreal Brigade, shifting prizes .....	30 00
2 00	Major Lindsay, repairs and charges on cups .....	4 25
3 33	Halifax Brigade, prize general efficiency .....	65 00
2 00	No. 1 Battery, N. B. Brigade, general efficiency .....	25 00
2 00	Hamilton Field Battery, " " " " .....	25 00
2 00	1st Brigade Field Artillery " " " " .....	65 00
2 00	B. C. Brigade, G. A., prizes local headquarters .....	30 00
2 00	"A" Battery, R.S.A., prizes .....	50 00
2 00	"B" " " " " " " .....	25 00
	Gananoque Field Battery, prizes firing competition .....	9 00
	Shefford " " " " " " .....	8 00
	Durham " " " " " " .....	77 00
	No. 1 Bty., 1st Bde. " " " " " " .....	76 00
	Newcastle Field Battery, " " " " " " .....	50 00
	Quebec " " " " " " .....	6 00
	Hamilton " " " " " " .....	34 00
	Toronto " " " " " " .....	22 00
	Welland " " " " " " .....	14 00
	Montreal " " " " " " .....	8 00
	No. 2 Battery, G. A., Quebec, " " " " .....	10 00
	No. 2 " " " Levis, " " " " .....	2 00
	Secretary-Treasurer .....	300 00
	Working pay Kingston camp .....	54 00
	Sowards, fuel, wood, etc .....	15 00
	Militia Gazette .....	2 00
	W. W. White, badges .....	70 11
	Postage, telegrams, etc .....	65
	Total Expenditure .....	\$3425 34
	<i>Carried forward</i> .....	\$3425 34

TREASURER'S STATEMENT—*Continued.*

---

*Brought forward . . . . .* \$5463 00

---

*Brought forward . . . . .* \$5463 00

TREASURER'S STATEMENT—*Continued.*

<i>Brought forward</i> .....		\$3425 34
Bank of Montreal :		
In Savings Department .....	\$1023 33	
" Current Account .....	1104 08	
		<u>2127 41</u>
		\$5552 75
Uncashed cheques .....	89 75	
		<u>\$5463 00</u>

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

Examined and found correct.

(Signed) J. MACPHERSON, LT.-COL. } *Auditors.*  
" F. E. KNIGHT. }

## INDEX.

---

List of Patrons .....	3
" Council .....	4
" Executive .....	5
" Life Members .....	6
" Annual Subscribers .....	7
" Affiliated Batteries .....	8
Rules of the Association .....	9
Report of Council .....	13
" Executive Committee .....	15
Secretary's Report .....	18
Cups competed for .....	20
General Orders, 1888-92 .....	23
Circulars issued .....	27
Prize List .....	33
Summary of Prizes Awarded .....	37
Rules for Practice .....	39
" Marking .....	40
General Rules .....	41
SCORES—Royal Schools of Artillery .....	42
Field Batteries .....	44
Officers Field Artillery .....	58
Garrison Artillery, 64-pr. ....	60
" " 40-pr. ....	73
Officers Garrison Artillery .....	82
Local Headquarters .....	84
GENERAL EFFICIENCY—Conditions .....	89
Field Batteries .....	90
Garrison Artillery .....	91
Questions .....	91
Drill and Driving Competition .....	94
Shifting Ordnance Competition .....	97
Voluntary Drills .....	99
Short Course Efficiency .....	102
Annual Meeting, Report of .....	103
Council Meeting, Report of .....	109
Accounts .....	110