

ANNUAL REPORT

OF THE

DOMINION ARTILLERY ASSOCIATION.

FOR THE YEAR

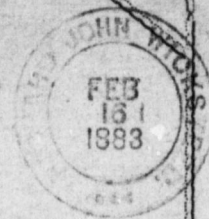
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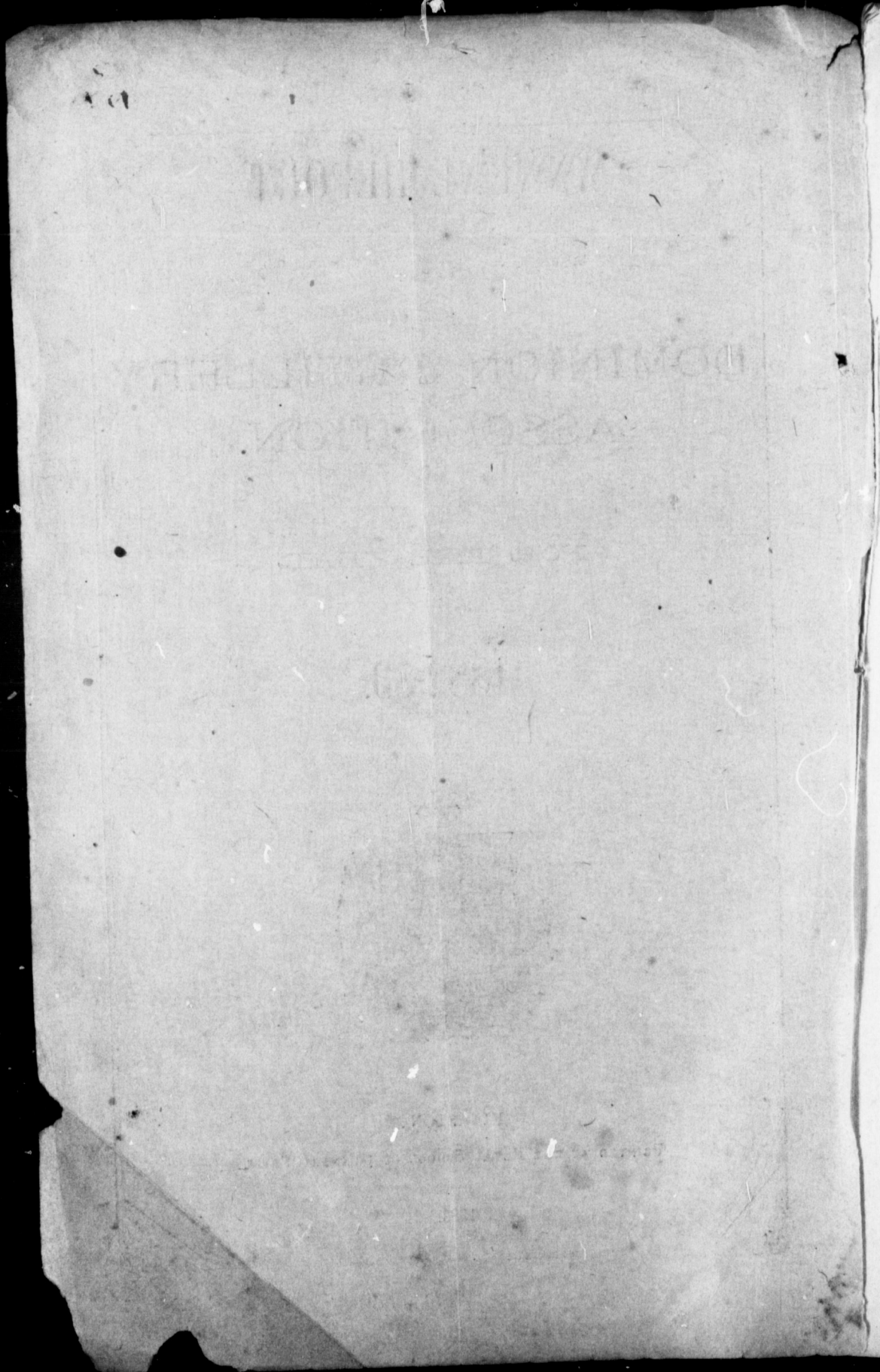


KINGSTON :

PRINTED AT THE ROYAL SCHOOL OF GUNNERY PRESS,

1883.





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FOR THE YEAR
1882-83.



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1883.

HIS E

ASSOCIATION
DOMINION. ARTILLERY

1889-88



Ex-Officio.

PATRONS.

HIS EXCELLENCY THE GOVERNOR-GENERAL OF CANADA, MARQUIS OF
LORNE, K. T., K. C. M. G., Etc.

THE HONORABLE THE MINISTER OF MILITIA.

THE HONORABLE THE DEPUTY MINISTER OF MILITIA.

PRESIDENT.

MAJOR-GENERAL R. G. A. LUARD, Commanding Canadian Militia.

VICE-PRESIDENT.

COLONEL WALKER POWELL, Adjutant-General.

MEMBERS OF COUNCIL.

President.

Ex-Officio. { Lt.-Col. De la C. IRWIN, Inspector of Artillery.

Vice-Presidents.

Ex-Officio. { Lt.-Col. C. E. MONTIZAMBERT, Assistant Inspector of Artillery.
" W. H. COTTON, " "

Members.

Ex-Officio. { Col. HEWETT, R. E., Commandant Rl. Mil. College.
Lt.-Col. VAN STRAUBENZEE, D.A.G.
" MAUNSELL, D.A.G.
" STEVENSON, Comdg. Montreal Field Battery.
" OLIVER, R.A., Prof. Rl. Mil. College.
" OSWALD, Comdg. M.G.A.
" MACDONALD, Comdg. 1st. Provl. Bde. Field Artillery.
" KENSINGTON, R.A., Prof. Rl. Mil. College.
Major McKENZIE, Comdg. Gananoque Field Battery.
" WALKER, R.E., Prof. Rl. Mil. College.
" DOUGLAS JONES, R.A., Prof. Rl. Mil. College.
" HOLMES, Comdg. "A" B'y. R.S.G.

MEMBERS.—(Continued.)

Ex-Officio.	Major HAMEL, Comdg. No. 1 By. Levis Garrison Artillery.
	" CALL, Comdg. Newcastle Field Battery.
	" SLOUS, Comdg. Gaspé Garrison Battery.
	" FAIRTLOUGH, R.A., Prof. Rl. Mil. College.
	Capt. STEWART, Comdg. Ottawa Field Battery.
	" LINDSAY, Comdg. Quebec Field Battery.
	" FORBES, Montreal Garrison Artillery.
	" McALLEN, " " "
	" TURNBULL, " " "
	" LAURIE, " " "
	" COLE, " " "
	" TROTTER, " " "
Elected.	" HOOD, Comdg. No. 2 By., 1st Prov. Bde.
	" RABAN, R.E., Rl. Mil. College.
	Colonel GZOWSKI, A.D.C. to the Queen.
	Lt.-Col. KIRKPATRICK, M. P.
	" DE WINTON, R.A., Military Secretary.
	Capt. E. PALLISER.
	ALEX. BUNTIN, Esq.

Auditors.

Lt.-Col. J. MACPHERSON, Director of Stores, etc., Ottawa.
Major H. A. WICKSTEED, Paymaster, Governor-General's Foot Guards.

Secretary and Treasurer.

Lieut. J. B. DONALDSON, Kingston, Ont.

His Excel
quis of
His Exce
K.P., e
Maj. Gen.
Major-Gen
Colonel G
Lt.-Col. I
" M
" O
A. Gilmo
Lt.-Col. P
Capt. E.
" Fra
Field B
Alexander
Gilbert S
Hon. D. A
George St
Robert B

Col. Powe
Col. Hewe
Lt.-Col. S
Lt.-Col. O
Lt.-Col. M
Lt.-Col. K
Lt.-Col. C
Lt.-Col. M
Major Ho
Major Wi
" Ha
" Slo
" Fa
" Atl
" Cal
" Do
" W
Capt. For

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Cpt. Fa
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LIFE MEMBERS.

His Excellency the Governor-General, Marquis of Lorne, K.T., K.C.M.G., etc.
His Excellency the Earl of Dufferin, K.C.E., K.P., etc.,
Maj. Gen. Luard, Commanding Militia.
Major-General T. B. Strange, late R.A.
Colonel Gzowski A.D.C. to the Queen.
Lt.-Col. Irwin, I. of A.
" Montizambert, Assistant I. of A.
" Oswald, Comdg. M. G. A.
A. Gilmour, Esq., Ottawa.
Lt.-Col. Price Lewes.
Capt. E. Palliser.
" Frank King, M. D., Welland Canal Field Battery.
Alexander Buntin, Esq., Montreal.
Gilbert Scott, Esq.
Hon. D. A. Smith.
George Stephen, Esq.
Robert Benny, Esq.

R. Moat, Esq.
G. A. Drummond, Esq.
M. H. Gault, Esq., M.P.
Peter Redpath, Esq.
Hon. H. G. Joly, M.P.P.
" Thomas McGreevy.
R. Hamilton, Esq.
J. Burnet, Esq.
L. J. Forget, Esq.
R. B. Angus, Esq.
Duncan McIntyre, Esq.
Lt.-Col. Hickson.
John Rankin, Esq.
D. L. McDougall, Esq.
A. C. Hooper, Esq.
E. B. Osler, Esq.
John Hope, Esq.
H. McKenzie, Esq.
C. Cassils, Esq.
R. A. Lindsay, Esq.

Hugh Paton, Esq.

ANNUAL SUBSCRIBERS.

Col. Powell, Adjutant General.
Col. Hewett, R.A., R.M.C.
Lt.-Col. Siraubenzee, D.A.G.
Lt.-Col. Oliver, R.A., R.M.C.
Lt.-Col. Macdonald, 1st Bde. Field Arty.
Lt.-Col. Kensington, R.A., R.M.C.
Lt. Col. Cotton, Assistant I. of A.
Lt.-Col. Maunsell, D. A. G.
Major Holmes, "A" Battery.
Major Wicksteed, Paymaster G. G's. F. G.
" Hamel, Levis Gar. Art.
" Slous, Gaspé Gar. Art.
" Fairtlough, R.A., R.M.C.
" Atkinson, Montreal Bde. G. A.
" Call, Newcastle Field Battery.
" Douglas Jones, R.A., R.M.C.
" Walker, R.E., R.M.C.
Capt. Forbes, Montreal Bde. G. A.

Capt. McAllen, Montreal Bde. G.A.
" Turnbull, " "
" Laurie, " "
" Cole, " "
" Trotter, " "
" McCrae,
" Hood, No. 2 By. 1st Bde. Fld. Arty.
" Lindsay, Quebec Field Battery.
" Stewart, Ottawa Field Battery.
Lieut. Whitley, Montreal Bde. G.A.
" Levin, " "
" Brush, " "
" Stevenson, " "
" Arnton, " "
" Howard, " "
" Lane, " "
Staff Sergt. Maxwell, "
Lieut. J. B. Donaldson.

L Davidson
Wm Dunsay
Cpt Farley RMR
Micoll 1st Bde Arty
Davidson

L'Col Worsley RMR
L'Wiser Prescott fa
Huntington

RULES
OF THE
DOMINION ARTILLERY
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. A donation of *twenty dollars* in cash, at any one time, or a prize of not less value than *forty dollars*, to be competed for at a general prize meeting, shall entitle the donor to 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 *five dollars* per Garrison Battery per annum, may become affiliated to this Association.
4. The affairs of the Association to be managed by a Council, to consist of *ex-officio* members and such others as may be elected at a General meeting; Inspectors and Assistant Inspectors of Artillery, the Deputy Adjutant-General of Districts and Brigade Majors, all Officers Commanding affiliated Artillery Brigades or 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 of the Dominion Rifle Association, to be *ex-officio* members of Council, five to form a quorum.
5. The Office bearers to consist of a President and Vice-Presidents of Council, Secretary and Treasurer,—the latter to be elected annually.
6. Representatives to the Council from affiliated corps must be members of the Association by affiliation or otherwise.
7. The Council may from time to time make such by-laws as they deem necessary, but no by-law to be altered, or new law introduced, without giving 14 days notice to each member of the Council.
8. The Council shall keep minutes of its proceedings entered in a book kept for that purpose by the Secretary, and open to the inspection of any member of the Council.

9. Extraordinary meetings may be called when required by the President or Vice-President of Council, 14 days notice of such meeting being given to each member of Council, and the object of the meeting stated.

10. Two Auditors to be appointed annually to examine the Treasurer's accounts previous to the Annual meeting.

11. The Treasurer shall be required to deposit all sums of money paid over to him on behalf of the Association, in a Saving's bank.

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

13. All prize meetings to be held at such times and places as may be agreed upon by the Council and sanctioned by the proper authorities.

14. All competitions to be under the superintendence of an umpire appointed by the Inspector of Artillery, and whose decision will be final.

15. All competitions to be closed on the 31st December of each year.

16. An Annual report from the Secretary and Treasurer to be submitted to the Council before publication.

17. That in cases requiring special legislation the President or Vice-President of the Council are empowered to call special meetings of Council in their respective Provinces. Resolutions adopted at such Provincial meetings are in no case to interfere with rules already agreed to at a General meeting, and are, before being finally adopted, to be passed by a General Meeting.

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

19. The Annual Meeting of the Association to take place at Ottawa on the second Thursday after the meeting of Parliament.

20. Commanding Officers in order to be allowed to claim credit for voluntary drills, etc., must send their returns thereof, with list of men entitled to badges, to the Secretary by the 15th of January ensuing the year for which the claim is made.

ANNUAL REPORT, 1882-83.

For the information of Officers Commanding Batteries (Field and Garrison), the following Circular was issued.

CIRCULAR No. 48.

DOMINION ARTILLERY ASSOCIATION.

PRACTICE AMMUNITION AND PRIZES.

The following scale of ammunition is authorised by General Order No. 11, dated 27th June, 1882 for annual practice of Artillery Batteries.

Field Batteries with R. M. L. 9 por. guns.—16 competitors, as marksmen, to be selected by the Officer Commanding the Battery, from the best instructed officers, non-commissioned officers and men, to fire 5 rounds each, viz :—

3 Common shell with percussion fuzes.....	48
2 Shrapnel shell with time fuzes.....	32
Trial shots and instruction—Common shell plugged or with bursting charge and percussion fuze, if range permits.....	10
Total rounds.....	90

Halifax Field Battery to be assimilated to the above.

Field Batteries with S. B. 9 por. and 24 por. Howitzers.—16 competitors, as above mentioned, each to fire 5 rounds :—

2 Solid shot 9 por.....	32
2 Shrapnel shell with time fuzes, 9 por.....	32
1 Common shell 24 por. with time fuze.....	16
Trial shots and instruction—Solid shot 9 por.....	10
Total rounds.....	90

24 *por. Howitzer Battery*.—16 competitors, 5 rounds each :

3 Common shell with time fuze.....	48
2 Shrapnel shell with time fuze.....	32
Trial shots and instruction—Common shell.....	10
	—
Total rounds.....	90

Garrison Batteries.

The 55 rounds allowed, to be expended in a suitable manner, as follows :—

8 marksmen selected as before, to fire 5 rounds each, viz :—

3 Solid shot.....	24
1 Common shell, with time fuze.....	8
1 Shrapnel shell, with time fuze.....	8
Trial shots and instruction—Solid shot.....	15
	—
Total rounds.....	55

BRITISH COLUMBIA.

Victoria Battery.—16 competitors 5 rounds each :—

3 Common shell, plugged.....	48
2 “ “ with time fuze.....	32
Trial shots (common shell).....	2
Shrapnel shell for instruction.....	3
	—
Total rounds.....	85

PRIZES.

For highest aggregate scores of Batteries armed with the same nature of gun, prizes not exceeding a total value of five dollars per Field and three dollars per Garrison Battery affiliating will be given.

For individual scores in Field Batteries, prizes will be given as follows :—

1 at 15.00.....	\$15.00	} \$125.00
2 at 10.00.....	20.00	
3 at 8.00.....	24.00	
3 at 5.00.....	15.00	
4 at 4.00.....	16.00	
5 at 3.00.....	15.00	
10 at 2.00.....	20.00	

And for individual scores in Garrison Batteries prizes at the rate of five dollars per battery affiliating.

For the highest individual score in each battery, a silver decoration of cross guns to be worn on the right breast and a gold embroidered badge to be worn on the left arm above the elbow.

For the 4 next highest in each Field Battery, 4 Badges.

For the 2 next highest in each Garrison Battery, 2 Badges.

Batteries armed with a special weapon will receive prizes at the same rate as that given per battery entering into competitions.

To the 2 best drivers in each Field Battery, 2 badges of cross whips.

RANGES.

9 por. M. L. R. or 6 por. B. L. R., when practicable, not under 1300 yards.

9 por. S. B. or 6 por., when practicable, not under..... 1000 "

32, 24 and 18 por. S. B., " " 1200 "

The printed rules of the D. A. A. to be observed, umpires appointed, and scoring in accordance therewith. No claim for prizes will be received unless the conditions have been complied with. But in the case of Batteries competing for the Battery Prizes, where it is found impossible to place target banners, the directions on page 16 of the Rules may be applied.

The size of target to be 6 feet.

In the case of floating targets, 3 targets to be used, placed edge to edge so as always to present a face of 6 feet.

Officers commanding Batteries are requested to transmit to the Secretary and Treasurer of D. A. A., at their earliest convenience, the amounts of their subscriptions, to enable the prizes to be forwarded.

By order,

J. B. DONALDSON, LIEUT.,

Secretary and Treasurer.

Tête de Pont Barracks,

Kingston, Ont., 14th July, 1882.

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Sergt.
Collar
Lieut.
Gr. G
Br. S
Sergt.
Qr.-M
Sergt.
Lieut.
Gr. C
Sergt.
Corpl.
Gr. E

The following is a summary of the prizes awarded, viz:—

Gold embroidered badge presented by Lt.-Col. A. H. Macdonald, Commanding 1st. Brigade, Field Artillery, Guelph, Ont., for highest individual score with 9 por. R. M. L. guns in the Dominion.

Sergt Wetherell, Gananoque Field Battery, 47 points; Time, 4 min. 50 sec.

Royal Military College (Gentlemen Cadets) Competition.

Cadet Davidson, 40 points, 5 min., 00 sec. Field Glasses from Association.

Sgt.-Maj. Weller, 35 " 4 " 30 sec. " from Lt.-Col. Montizambert Asst. I. of A.

Competition between Royal Schools of Gunnery.

" B " Battery, R.S.G., (Aggregate).....	\$16.00
Gunner A. Gauthier, " B " By., R.S.G., 35 points, 5 min. 45 sec.....	8.00
Bomb. Wallick, " 34 " 5 " 25 "	5.00
" Doyle, " 34 " 5 " 29 "	3.00

FIELD BATTERIES.

Competition between Batteries armed with 9 Pr. R. M. L. Field Guns.

Aggregate Scores,

No. 1 By. 1st Bde., Guelph 506 points.....	\$25.00
" 2 " " 496 "	15.00
Ottawa Field Battery 436 "	10.00

Individual Scores.

Name.	Battery.	Score.	Time.	Prizes.
Sergt. Wetherell,	Gananoque Field Battery	47 points...	4 min. 50 sec.	\$15.00
Collar Maker Dunnett,	Ottawa "	46 ...	5 " 00 "	10.00
Lieut. Murchison,	No. 1 B'y. 1st Bde.	44 ...	6 " 00 "	10.00
Gr. Gregory,	No. 2 "	43 ...	6 " 00 "	8.00
Br. Stubbs	" "	42 ...	5 " 04 "	8.00
Sergt.-Maj. Joyce,	" "	40 ...	5 " 05 "	8.00
Qr.-Mr.-Sgt Williams,	London Field Battery	40 ...	2 " 40 "	5.00
Sergt. Perritt,	Durham "	38 ...	3 " 20 "	5.00
Lieut. Benson,	" "	38 ...	3 " 45 "	5.00
Gr. Crawford,	Kingston "	38 ...	5 " 52 "	4.00
Sergt. Dempsey,	London "	38 ...	6 " 05 "	4.00
Corpl. Hood,	" "	38 ...	6 " 18 "	4.00
Gr. Edington,	No. 2 B'y. 1st Bde.	38 ...	7 " 00 "	4.00

Lieut. Evans,	Ottawa Field Battery	37	... 5	"	00	"	3.00
" Shields,	Gananoque "	37	... 5	"	30	"	3.00
Gr. Livingstone,	" "	37	... 5	"	30	"	3.00
Sergt. Cameron,	No. 1 B'y. 1st Bde.	37	... 7	"	00	"	3.00
Corpl. McIntosh,	No. 2 "	37	... 7	"	30	"	3.00
Gr. Sharpe,	Durham Field Battery	36	... 4	"	50	"	2.00
Sergt. Hood,	No. 2 B'y. 1st Bde.	36	... 6	"	30	"	2.00
Sergt. Kincaid,	Ottawa Field Battery	35	... 5	"	00	"	2.00
Sergt. Waldron,	No. 1 B'y. 1st Bde.	35	... 6	"	00	"	2.00
Br. Scott,	" "	35	... 6	"	15	"	2.00
Corpl. Jenkins,	London Field Battery	35	... 6	"	40	"	2.00
Lieut. Crowe,	No. 1 B'y. 1st Bde.	35	... 7	"	00	"	3.00
Capt. Stewart,	Ottawa Field Battery	34	... 5	"	00	"	2.00
Gr. Cowan,	No. 1 B'y. 1st Bde.	34	... 5	"	15	"	2.00
Sergt. Walker,	Montreal Field Battery	34	... 5	"	53	"	2.00

Special Armament.

Newcastle Field Battery—\$10.00, distributed as follows:

Gr. Schofield.....	\$5.00
Sergt. Copp.....	3.00
Br. Beckwith.....	2.00

GARRISON BATTERIES.

Aggregate Scores.

Cobourg Battery	184 points.....	\$25 00
Gaspé Battery	180 "	20 00
No. 3 Battery, P.E.I. Brigade	152 "	15 00
" 1 " "	146 "	15 00

Individual Scores.

Corpl Russell,	Cobourg Battery	30 points...	8 min. 00 sec.	\$15 00
Major Slous,	Gaspé "	29	... 9 " 15 "	10 00
Sergt. Mulrenin,	Cobourg "	28	... 6 " 45 "	10 00
Sergt. Major Mesler,	St. Catharines Battery	25	... 5 " 30 "	8 00
Sergt. Ruse,	Cobourg Battery	25	... 7 " 00 "	8 00
Gunner Cass,	Gaspé "	24	... 8 " 30 "	8 00
Corpl. Palmer,	No. 1 B'y. P.E.I. Bde.	24	... 9 " 05 "	5 00
Gunner R. Stanley,	Gaspé Battery	24	... 10 " 00 "	5 00
Capt. Wylie,	St. Catharines Battery	23	... 6 " 30 "	5 00

3.00	Sergt.-Major Service, Cobourg Battery	23	...	9	"	30	"	4 00
3.00	Gunner E. Stewart, No. 3 B'y. P.E.I. Bde.	23	...	10	"	15	"	4 00
3.00	Sergt. Younker, " 1 "	23	...	10	"	18	"	4 00
3.00	Gunner Morrison, " 3 "	23	...	10	"	30	"	4 00
3.00	" Miller " 6 " Montreal Bde.	23	...	11	"	00	"	3 00
2.00	Sergt.-Major Annette. Gaspé Battery	22	...	9	"	30	"	3 00
2.00	Sergt. Coffin, " "	22	...	10	"	15	"	3 00
2.00	" Beers, No. 4 B'y. Montreal Bde.	21	...	8	"	30	"	3 00
2.00	" Plough, No. 5 " "	21	...	9	"	45	"	3 00
2.00	Corpl. Steen, Cobourg Battery	21	...	10	"	15	"	2 00
2.00	Bombd. Archer, " "	20	...	6	"	30	"	2 00
2.00	Gunner Hodgins, St. Catharines Battery	20	...	7	"	00	"	2 00
2.00	Corpl. Campbell, No. 6 B'y. Montreal Bde.	20	...	7	"	10	"	2 00
2.00	Gunner Offer, No. 1 B'y. P.E.I. Bde.	20	...	10	"	20	"	2 00
2.00	Bombd. Miller, Gaspé Battery	20	...	11	"	10	"	2 00
	Corpl. Cass, " "	20	...	11	"	30	"	2 00
	Gunner Morrow, No. 4 B'y. Montreal Bde.	19	...	6	"	25	"	2 00
	Corpl. Floyd, Cobourg Battery	19	...	7	"	00	"	2 00
	Capt. Boulanger, No. 2 B'y. Quebec	19	...	8	"	21	"	2 00

Special Armament.

Victoria, B.C. Garrison Battery..... \$6 00

25 00
20 00
5 00
5 00

\$15 00
10 00
10 00
8 00
8 00
8 00
5 00
5 00
5 00

[illegible]

ROYAL MILITARY COLLEGE.

Cadet Davidson.....	40	5	00	Silver cross guns, em- brodered badge and field glasses.....
Sergt.-Maj. Weller.....	35	4	30	Embroidered badge and field glasses.....
Sergt. Nanton.....	35	6	00	Embroidered badge.....
Sergt. Cameron.....	33	7	00	do do.....
Corpl. Strange.....	32	6	00	do do.....

18 competitors, 5 rounds each
 Umpire.—Lt.-Col. Nunnbert "B" B" R S G
 Range duty.—Lt. Donaldson, C. M.
 Time keeper.—Lt. Macdougall, 11th. P. W. O. R.

ROYAL SCHOOLS OF GUNNERY 9 POR. R.M.L.

No. 7.	"A" Battery R. S. G.		7	28	Silver cross guns [and embroidered badge. Embroidered badge..... do do do	
	S. Sergt. Marhinney.....	31	7	28		
	Corpl. McEdwards.....	31	7	55		
	Sergt. Cornish.....	29	7	13		
	Sergt. Phillips.....	25	7	23		
	Sergt.-Maj. Walters.....	28	7	23		
No. 3.	"B" Battery R. S. G.		5	45	Silver cross guns embd. badge and \$8.00 Emb. badge and \$5.00. do Embroidered badge..... do	372 111 07
	Gr. A. Gauthier.....	35	5	45		
	Br. Wellick.....	31	5	25		
	Br. Doyle.....	34	5	29		
	Br. Saunders.....	34	5	29		
	Gr. McNamee.....	28	5	37		

16 competitors, per battery. 5 rounds each
 Umpire.—Lt. Col. Irwin, I. of A. "A" B'y.
 Range Officers.—{Capt. Wilson, "A" B'y.
 {Capt. Peters, "A" B'y.
 Lt. Donaldson, C. M.
 Time keeper.—Surgeon Sewell, "A," Battery

FIELD BATTERIES.—9 Pos. P.M.L.

NO. 1	NO. 1 Battery 1st Bde	Lt. Murchison	44	6	00	Silver cross guns embd. badge and \$10.00	
	Sergt. Cameron		37	7	00	Embd. badge and	
	Sergt. Waldron		35	6	00	do	
	Pomd. Sadron		33	6	15	do	
	Plent. Grove		31	7	00	do	
	Gr. Cowan		31	6	15	do	
					496	85	00

16 competitors, 5 rounds each.
 Umpire.—Lt.-Col. Montzambert.
 Range Officer.—Major Tascheriau.
 Time keeper.—Surg. Howitt.

No. 1.	No. 2 Battery 1st Bde.	Gr. Gregory.	43	6	00	Silver cross guns embd. badge and \$3.00
		Bombd. Stubbs.	42	5	04	Emb'd. badge and \$3.00
		Sergt.-Maj. Joyce	40	5	05	do do \$3.00
		Gr. Edington	38	7	00	do do \$4.00

18 competitions, 5 rounds each.
 Umpire—Lt.-Col. Montizambert, "B" B'y. R. S. G.
 Range Officer—Major Taschereau,
 Time Keeper—Surg. Howitt.

No. 1	No. 1 Battery 1st Bde	Lt. Murchison	44	6	00	Silver cross guns embd. badge and \$10.00	496	85	00	16 competitors, 5 rounds each. Umpire—Lt. Col. Montizambert, "B" B'y. R. S. G. Range Officer—Major Taschereau, "B" B'y. R. S. G. Time Keeper—Surg. Howitt.
		Sergt. Cameron	37	7	00	Embd. badge and \$3.00				
		Bombd. Waldron	35	6	00	do				
		Bombd. Scott	35	6	00	do				
		Lieut. Crowe	35	7	00	do				
		Gr. Cowan	34	5	15	do				
No. 1	No. 2 Battery 1st Bde	Gr. Gregory	43	6	00	Silver cross guns embd. badge and \$3.00				16 competitors, 5 rounds each. Umpire—Lt. Col. Montizambert, "B" B'y. R. S. G. Range Officer—Major Taschereau, "B" B'y. R. S. G. Time Keeper—Surg. Howitt.
		Bombd. Stubbs	42	5	04	Embd. badge and \$3.00				
		Sergt. Maj. Joyce	40	5	05	do				
		Gr. Edington	34	7	00	do				
		Corpl. McIntosh	37	7	30	do				
		Sergt. Hood	38	6	30	do				
No. 1	London Field Battery	Q.-M. Sergt. Williams	40	5	40	Silver cross guns embd. badge and \$5.00				16 competitors, 5 rounds each. Umpire—Lt. Col. Montizambert, "B" B'y. R. S. G. Range Officer—Major Taschereau, "B" B'y. R. S. G. Time Keeper—Surg. Howitt.
		Sergt. Dempsey	38	6	05	Embd. badge and \$3.00				
		Corpl. Roberts	38	6	18	do				
		Corpl. Jenkins	35	6	40	do				
		Sergt. Williams	30	6	40	do				
No. 3	Durham Field Battery	Sergt. Perritt	38	3	20	Silver cross guns embd. badge and \$5.00				16 competitors per battery, 5 rounds each. Umpire—Lt. Col. Montizambert, "B" B'y. R. S. G. Range Officer—Major Taschereau, "B" B'y. R. S. G. Time Keeper—Surg. Saunders, Kingston Fld. B'y.
		Lieut. Benson	38	3	45	Embd. badge and \$5.00				
		Gr. Sharpe	36	4	50	do				
		Sergt. Smart	30	4	30	do				
		Gr. Barrie	28	5	30	do				
No. 3	Kingston Field Battery	Gr. Crawford	38	5	62	Silver cross guns embd. badge and \$4.00				
		Br. McCaverty	31	4	30	Embrodered badge				
		Lt. Wilmot	29	4	17	do				
		Sergt. W. Rea	21	6	32	do				
		Sergt. McLean	20	4	13	do				
No. 4	Gananoque Fld Battery	Sergt. Wetherell	47	4	50	Silver cross guns embd. badge and \$5.00				16 competitors per battery, 5 rounds each. Umpire—Lt. Col. Montizambert, "B" B'y. R. S. G. Range Officer—Major Taschereau, "B" B'y. R. S. G. Time Keeper—Surg. Moore, 41st. Batt.
		Lt. Shields	37	5	30	Embd. badge and \$3.00				
		Gr. Livingston	37	5	40	do				
		Sergt. Baker	37	5	40	do				
		Lt. Gillies	29	5	00	do				
No. 4	Ottawa Field Battery	Collar maker Dunnett	46	5	00	Silver cross guns embd. badge and \$10.00				
		Lt. Evans	37	5	00	Embd. badge and \$3.00				
		Sergt. Kincaid	35	5	00	do				
		Capt. Stewart	31	5	00	do				
		Br. Bliss	33	5	00	do				
No. 5	Montreal Field Battery	Sergt. Walker	34	5	53	Silver cross guns embd. badge and \$2.00				16 competitors, 5 rounds each. Umpire—Lt. Col. Corton, "A" R. S. G. Range Officer—Capt. Peters, "A" R. S. G. Time Keeper—Surg. C. Sewell, "A" R. S. G.
		Sergt. R. Kendall	29	5	12	Embrodered badge				
		Gr. Whyte	28	6	21	do				
		Br. Henry	21	5	33	do				
		Corpl. Mowatt	21	6	04	do				
No. 7	Quebec Field Battery	Corpl. Lesarte	31	7	22	Silver cross guns embd. badge				16 competitors, 5 rounds each. Umpire—Major Holmes, "A" R. S. G. Range Officer—Lt. Hudon, Quebec Gar. Art. Time Keeper—Surg. Grendin, 87th Batt.
		Lt. Gagnon	31	6	59	Embrodered badge				
		Corpl. Bouchard	31	6	15	do				
		Sergt. Marchessault	30	6	15	do				
		Gr. Macol	30	6	55	do				

RETURN of Batteries affiliated with the Dominion Artillery Association during the year 1882, showing the Guns used at Competitive practice, the total score made by each Battery, the marksmen who obtained prizes and the points made by each.

Military District	Name of Battery	Rank and Name of Successful Competitors	Time.		Prizes awarded.	Total per Battery.		Remarks.
			Score.	Time.		Score.	Time.	
			Min.	Sec.		Min.	Sec.	
FIELD BATTERIES.—9 POR. S. B.								
No. 9.	Newcastle Field Battery	Gr. C. Schofield	26	5	30 Silver cross guns embd. badge and \$5.00			16 competitors, 5 rounds each.
		Sergt. Copp	24	3	50 Embd. badge and \$3.00			Umpire.—Lt.-Col. Munro, I. of A.
		Br. Beckwith	23	4	40 do			Range Officer.—Lt. Leavelle, N. B. Gar. Art.
		Sergt. Smallwood	20	5	10 do			Time Keeper.—Lt.-Col. Irvine, I. of A.
		Br. Rushie	18	5	20 do	229	85	25
GARRISON BATTERIES.								
No. 2.	St. Catharines	Sergt.-Maj. Mesier	25	5	30 Silver cross guns embd. badge and \$5.00			8 competitors, 5 rounds each.
	18 por. S. B.	Capt. Wylie	23	6	30 Embd. badge and \$5.00	139	43	00
		Gr. Hodgins	20	7	00 do			Umpire.—Lt.-Col. Montzambert, Asst. I. of A.
No. 3.	Cobourg	Corpl. Russell	30	8	00 Silver cross guns embd. badge and \$5.00			Range Officer.—Lt. Munro, Halifax Fld. B'y.
	18 por. S. B.	Sergt. Mulrenin	28	6	45 Embd. badge and \$10.00			Time Keeper.—Surg. Dougan, 19th. Batt.
		Sergt. Ruse	25	7	00 do			
		Sergt.-Maj. Service	24	9	30 \$1.00			
		Corpl. Steen	21	10	15 2.00			
		Br. Archer	20	6	00 2.00			
		Corpl. Floyd	19	7	00 2.00			
No. 5.	No. 1 B'y. Mont-real Bde.	Gr. Williams	16	8	45 Silver cross guns and embroidered badge	181	62	00
	24 por. S. B.	Corpl. Pratt	11	10	10 Embroidered badge			
		Corpl. Dempsey	9	9	45 do	51	76	30
No. 2 B'y. Mont-real Bde.		Gr. A. Scott	17	11	00 Silver cross guns and embroidered badge			
24 por. S. B.		Gr. F. W. Laurence	7	11	45 Embroidered badge			
		Corpl. Anderson	5	9	15 do			
No. 3 B'y. Mont-real Bde.		Sergt. Hibbens	16	11	00 Silver cross guns and embroidered badge	37	83	27
		Br. Scott	13	8	00 Embroidered badge			
24 por. S. B.		Corpl. Bell	11	9	10 do	70	77	00
8 competitors per battery, 5 rounds each.								
Umpire.—Capt. Wilson, "A" B'y. R. S. G.								
Range Officer.—Sergt.-Maj. Walters, "A" B'y. R. S. G.								
Time Keeper.—								

No. 4 B'y. Mont-real Bde.	Sergt. Betts	21	8	30 Silver cross guns embd. badge and \$3.00				
24 por. S. B.	Gr. Morrow	19	6	25 Embd. badge and \$2.00				
	Sergt. Anderson	17	6	45 do			98	61 15
No. 5 B'y. Mont-real Bde.	Sergt. Plough	21	9	45 Silver cross guns embd.				

8 competitors per battery, 5 rounds each.

24 por. S. B. real Bde.	Gr. F. W. Laurence.....	7 11 45	Embrodered badge.....	37 83 27	8 competitors per battery, 5 rounds each. Umpire.—Capt. Wilson, "A" By. R. S. G. Range Officer.—S. Serg. Mawhinney, "A" By. R. S. G. Time Keeper.—Sergt.-Maj. Walters, "A" By. R. S. G.
	Gr. F. W. Laurence.....	5 9 15	do.....		
	Gr. F. W. Laurence.....	16 11 00	Silver cross guns and embroidered badge.....		
	Gr. F. W. Laurence.....	13 8 00	Embrodered badge.....		
24 por. S. B. real Bde.	Br. Scott.....	11 9 10	do.....	70 77 00	8 competitors per battery, 5 rounds each. Umpire.—Capt. Drury, "A" By. R. S. G. Range Officer.—S. Serg. Mawhinney, "A" By. R. S. G. Time Keeper.—Capt. Cole, M. G. A.
	Br. Scott.....	11 9 10	do.....		
	Br. Scott.....	11 9 10	do.....		
	Br. Scott.....	11 9 10	do.....		
No. 4 By. Mont. real Bde.	Sergt. Beers.....	21 8	Silver cross guns embd. badge and \$3.00.....	98 61 15	8 competitors, 5 rounds each. Umpire.—Major Holmes, "A" R. S. G. Range Officer.—Lt. Carter, Gaspé Battery. Time Keeper.—Lt.-Col. D'Orsonnens.
	Sergt. Beers.....	19 6 25	Embd. badge and \$2.00.....		
	Sergt. Beers.....	17 6 45	do.....		
	Sergt. Beers.....	21 9 45	Silver cross guns embd. badge and \$3.00.....	103	
No. 5 By. Mont. real Bde.	Gr. Drysdale.....	18 9 00	Embrodered badge.....		8 competitors, 5 rounds each. Umpire.—Lt. Col. Cotton, Asst. I. of A. Range Officer.—Lt. Hudson, Quebec Gar. Art. Time Keeper.—Surgcon Sewell, "A" By. R. S. G.
	Gr. Drysdale.....	18 10 20	do.....		
	Gr. Drysdale.....	23 11 00	Silver cross guns embd. badge and \$3.00.....	119 69 40	
	Gr. Drysdale.....	23 7 10	Embd. badge and \$2.00.....		
No. 6 By. Mont. real Bde.	Corpl. Campbell.....	20 7 10	do.....		8 competitors per battery, 5 rounds each. Umpire.—Lt. Col. Cotton, Asst. I. of A. Range Officer.—Staff Sergt. Stroud, "A" By. R. S. G. Time Keeper.—Surgcon Sewell,
	Corpl. Campbell.....	17 8 00	do.....		
	Corpl. Campbell.....	20 9 15	Silver cross guns embd. badge and \$3.00.....	180 70 25	
	Corpl. Campbell.....	22 10 15	Embd. badge and \$3.00.....		
No. 1 By. Lévis. 24 por. S. B.	Gr. Cass.....	24 8 30	Embd. badge and \$3.00.....		8 competitors, 5 rounds each. Umpire.—Lt. Col. Cotton, Asst. I. of A. Range Officer.—Lt. Hudson, Quebec Gar. Art. Time Keeper.—Surgcon Sewell,
	Gr. Cass.....	24 10 30	do.....		
	Gr. Cass.....	22 10 15	do.....		
	Gr. Cass.....	20 11 30	do.....		
No. 2 Battery Quebec.	Gr. Cochrane.....	13 6 50	Silver cross guns and embroidered badge.....	66 58 27	8 competitors per battery, 5 rounds each. Umpire.—Lt. Col. Cotton, Asst. I. of A. Range Officer.—Staff Sergt. Stroud, "A" By. R. S. G. Time Keeper.—Surgcon Sewell,
	Gr. Cochrane.....	13 8 06	Embrodered badge.....		
	Gr. Cochrane.....	12 6 49	do.....		
	Gr. Cochrane.....	19 8 21	Silver cross guns embd. badge and \$2.00.....	117 82 47	
No. 3 Battery Quebec.	Capt. Boulanger.....	19 8 21	Embrodered badge.....		8 competitors, 5 rounds each. Umpire.—Lt. Col. Beers. Range Officer.—Major Hogherly. Time Keeper.—Surg. Creamer.
	Capt. Boulanger.....	18 9 25	do.....		
	Capt. Boulanger.....	17 10 10	Silver cross guns and embroidered badge.....	84 70 33	
	Capt. Boulanger.....	18 10 00	Embd. badge and \$2.00.....	149	
No. 1 By P. E. I. Bde.	Sergt. Grégoire.....	18 9 25	Embrodered badge.....		8 competitors, 5 rounds each. Umpire.—Lt. Col. Beers. Range Officer.—Major Hogherly. Time Keeper.—Surg. Creamer.
	Sergt. Grégoire.....	17 10 10	do.....		
	Sergt. Grégoire.....	18 10 00	Silver cross guns embd. badge and \$3.00.....		
	Sergt. Grégoire.....	18 10 00	Embd. badge and \$1.00.....		
No. 3 By P. E. I. Bde.	Gr. O'Neill.....	18 7 45	Embrodered badge.....		8 competitors, 5 rounds each. Umpire.—Lt. Col. Beers. Range Officer.—Major Hogherly. Time Keeper.—Surg. Creamer.
	Gr. O'Neill.....	18 8 53	do.....		
	Gr. O'Neill.....	24 9 05	Silver cross guns embd. badge and \$3.00.....		
	Gr. O'Neill.....	23 10 18	Embd. badge and \$1.00.....		
No. 9. Yarmouth By.	Sergt. Younger.....	23 10 18	Embrodered badge.....		8 competitors, 5 rounds each. Umpire.—Lt. Col. Beers. Range Officer.—Major Hogherly. Time Keeper.—Surg. Creamer.
	Sergt. Younger.....	20 10 20	Embd. badge and \$2.00.....		
	Sergt. Younger.....	23 10 15	Silver cross guns embd. badge and \$4.00.....		
	Sergt. Younger.....	23 10 30	Embd. badge and \$1.00.....		
Report not received.					

DRIVING COMPETITION.

The following is a list of the Drivers who obtained badges of cross whips as best drivers in their respective Batteries;

" A " Battery, R.S.G.	{ Driver G. Leonard.
	{ " F. Trépanier.
" B " Battery, R.S.G.	{ Driver P. Shanaghan.
	{ " B. Stokes.
London Field Battery.	{ Driver Egan.
	{ " Froman.
No. 1 Battery, 1st. Bde. Fld. Arty.	{ Driver Weiner.
	{ Driver V. Hood.
No. 2 Battery, 1st. Bde. Fld. Arty.	{ " Newstead.
	{ Driver W. Bray.
Durham Field Battery.	{ " J. Patten.
	{ Corpl. Wilmot.
Kingston " "	{ " Graves.
	{ Driver Simon Lloyd.
Gananoque " "	{ " Thomas Berry.
	{ Driver Wm. Henry.
Ottawa " "	{ " David Johnstone.
	{ Driver W. G. Murdock.
Montreal " "	{ " F. McGowan.
	{ Driver F. Letarte.
Quebec " "	{ " J. Boivin.
	{ Driver D. Whitney.
Newcastle " "	{ " R. O'Brien.

DOMINION ARTILLERY ASSOCIATION.

CIRCULAR No. 49.

His Excellency the Governor General having signified his intention of presenting 3 Cups to the Association for competition, they will be presented as follows :—

One to the Garrison battery to which the winning detachment belongs in the competition for Shifting Ordnance as detailed in circular No. 44, issued 4th April, 1882.

One to Field and one to Garrison Batteries as a prize for General Efficiency to be competed for under the following conditions :—

FIELD BATTERIES.

Clothing and Accoutrements.....	10
Guns, Carriages, and Equipment.....	10
Horses.....	10
Harness and Harnessing.....	15
Marching past—Walk, Trot and Gallop.....	15
Standing gun drill, Position and General duties.....	25
Answers to questions by Officers (as issued) limited to 2 for each officer present.....	5 each
Answers to questions by N. C. officers, (as issued) limited to 2 for each N. C. officer present.....	2 each
Field Manœuvres.....	25
Sword drill by mounted officers and N. C. officers.....	5
Dismounted and disabled ordnance.....	10
Discipline, including camping details.....	10
One-fifth total score at competitive practice.	

GARRISON ARTILLERY.

Clothing and Accoutrements.....	10
Company Drill.....	10
Manual and firing exercises.....	10
Standing gun drill.....	25
Answers to questions by officers present, as issued.....	5 each
Answers to questions by N. C. officers.....	2 “
Each officer and man with an Artillery certificate—1st to 4th.....	4 to 1
Each man with an efficiency badge gained during current year, i.e., between 1st January and 31st December, 1882....	25
Discipline and interior economy.....	10
One-fifth score at competitive practice.	

By order

J. B. DONALDSON, Lieut.,

Secretary and Treasurer.

Tête de Pont Barracks,

Kingston, Ont., 19th July, 1882.

CREDITS AWARDED EACH BATTERY FOR GENERAL EFFICIENCY.

FIELD BATTERIES.

Name of Battery.	Officer Commanding Battery.	Inspecting Officer.	Full Credits.	9 FOR. R. M. L. GUNS.															Total.	Remarks.
				Clothing and accoutrements.	Guns, Carriages & equipment.	Horses.	Harness & Harnessing.	Marching past—walk, trot & gallop.	Standing gun drill, position and general duties.	Officers.	N. C. Officers.	Field manoeuvres.	Sword drill by mounted officers and N. C. officers.	Dismounted and disabled.	Discipline including camping details.	One-fifth total score at competitive practice.				
9 FOR. R. M. L. GUNS.																				
London Field Battery	Major Peters.....	Lt.-Col. Montizambert.	9	9	8	10	10	22	30	21	24	+	10	10	69	6	232			
No. 1 Bty. 1st Bde.*	Capt. Nicoll.....	do	10	8	9	12	10	23	36	26	22	4	7	9	99	2	275	*Lt.-Col. Macdonald Comdg. Bde.		
No. 2 "	" Hood.....	do	19	6	8	12	10	23	23	33	22	3	8	9	101	2	263			
Durham Field Battery	" McLean.....	do	9	7	9	12	9	22	21	17	20	+	8	7	76	221				
Kington "	" Wilmot.....	do	8	6	9	10	9	23	17	15	20	3	8	9	50	4	187			
Gananoque "	Major McKenzie.....	do	8	6	9	11	8	20	22	14	16	3	8	9	71	2	207	† Did not compete in these subjects.		
Ottawa "	Capt. Stewart.....	do	9	8	8	12	10	21	22	23	22	3	9	10	87	2	241			
Montreal "	Lt.-Col. Stevenson.....	Lt.-Col. Irwin, I. of A.	9	9	8	13	10	20	14	27	16	+	7	8	56	8	196			
Quebec "	Capt. Lindsay.....	Lt.-Col. Cotton	8	10	8	12	10	25	24	40	20	4	9	10	84	6	264			
9 FOR. SMOOTH BORE GUNS.																				
Newcastle Field Battery	Major Call.....	Lt.-Col. Irwin.	5	5	7	6	10	18	+	13	+	1	9	45	4	5				

CREDITS AWARDED TO EACH BATTERY FOR GENERAL EFFICIENCY.

GARRISON BATTERIES.

The following questions were issued for Officers and Non Commissioned Officers in connection with the General Efficiency competitions.

OFFICERS FIELD ARTILLERY.

(Value five each.)

- 1.—Explain the meaning of Weight.—Density.—Momentum.—Specific Gravity.—Vis viva or Energy.
- 2.—What are the advantages gained by the employment of rifled ordnance?—State briefly the reason for each.
- 3.—State the rules for correcting errors in elevation and deflection in the 9 por. M. L. R. gun.
- 4.—Describe the method of obtaining the range when provided with sextant and measuring tape.
- 5.—In selecting a position for a Field Battery, what are the most important points to be considered.
- 6.—How could a defensive position be strengthened with the ordinary means at your command, and what precautions should be taken, supposing at least an hour must elapse before the attack is expected?
- 7.—Describe some expedients which you might adopt in taking your Battery across a River not more than 5 feet deep.
- 8.—State the general precautions to be observed when coming into action, and remaining in action in a fighting position.—(page 127-128.)

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

D. T. IRWIN, Lt.-Col.

Inspt. of Artillery.

N. C. OFFICERS FIELD ARTILLERY.

(Value two each.)

- 1.—Describe the Rifling of the 9 por. R. M. L. Gun.
- 2.—Describe the Sighting of the 9 por. R. M. L. Gun.
- 3.—What difference in the Range will 3' elevation make at 1250 and 1700 yards?
- 4.—What difference will an additional tenth make in boring 9' fuze at ranges of 1600 and 2000 yards?

5.—What difference will an additional half tenth make in boring 5' fuze at ranges of 1100 and 1300 yards?

6.—Describe the action of the R. L. Fuze, on discharge and on striking the object.

7.—How is the effect of the explosion of the charge affected by altering size of grains?

8.—How is the above effect, affected by the amount of air space?

9.—What articles of equipment are carried on a gun carriage, packed for service?

10.—What articles of equipment are carried on a gun limber, packed for service?

11.—What space of ground is required for a Battery, 4 guns (6 horses).—In line full interval.—In column of Divisions?

12.—How would you reverse a Battery in a narrow road?

13.—What are the Rules for fitting harness bridle, bit and curb?

14.—What are the Rules for fitting leading rein and breeching?

15.—What are the duties at mid-day stables?

16.—Give the detail for Drivers prepare to mount.—Mount.

17.—Give the detail for Gunners prepare to mount.—Mount.

18.—What are the general duties of No. 1. in charge of subdivision excepting mounted duties?

19.—What are the general duties of Battery Sergt. Major?

20.—What are the general duties of Battery Quarter-Master Sergeant?

21.—What are the general duties of a N. C. officer in charge of a guard?

22.—Give the detail for putting on and taking off drag shoe.

23.—What are the advantages and disadvantages of windage?

24.—Define the meaning of Angle of Elevation.—Range.—Dispart.—Point Blank.

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

D. T. IRWIN, Lt.-Col.

Inspt. of Artillery.

OFFICERS GARRISON ARTILLERY.

(Value five each.)

1.—Explain the meaning of Weight.—Density.—Momentum.—Specific Gravity.—*Viva* or energy.

2.—What are the advantages gained by the employment of rifled ordnance?—State briefly the reason for each.

3.—State the rules for obtaining elevation and length of fuze, for any range, for the guns your Battery use for practice.

- 4.—Describe the construction of the 32-34 pr. R. M. L. Gun.
- 5.—Describe a common ground platform and the method of laying it down.
- 6.—Explain the meaning of Direct.—Indirect or Curved.—and High-Angle Fire,—under what circumstances would each be employed.

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

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

N. C. OFFICERS GARRISON ARTILLERY.

(Value two each.)

- 1.—Describe the 24 pr. or 32 pr. S. B. Guns.
- 2.—Describe how you could ascertain if the sights on a S. B. Gun are properly adjusted.
- 3.—What is the difference between the Common wood Time Fuze and that for diaphragm shrapnel shell?
- 4.—Describe the action of Petman's L. S. Percussion Fuze on discharge and on striking the object.
- 5.—How is the effect of the explosion of the charge affected by altering size of grains?
- 6.—What implements are required for boring and fixing wood bottoms?
- 7.—What implements are required for boring and fixing fuzes?
- 8.—What are the general duties of Battery Sergt. Major?
- 9.—What are the general duties of N. C. Officer in charge of a Guard?
- 10.—Describe how Cartridges for S. B. Guns are filled, choked and hooped.
- 11.—Describe the diaphragm Shrapnel Shell for S. B. Guns.
- 12.—Define the meaning of Angle of Elevation.—Range.—Dispart.—Point Blank.

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

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

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SHIFTING ORDNANCE COMPETITION.

ROYAL SCHOOLS OF GUNNERY

This competition took place at the Citadel Quebec on the 5th September in presence of Admiral Sir Leopold McClintock and several officers, ladies and gentlemen.

Lt.-Col. Kensington, R. A. Professor of Artillery, at the Royal Military College selected the Shift, formulated the conditions and acted as umpire.

Capt. Royal Marines H.M.S. Northampton was good enough to act as time keeper.

Conditions.—1. A 24 por. S. B. gun, 50 cwt. lying in the gun park to be mounted in Diamond or Prince of Wales's Bastion, in any position as long as it comes within certain limits prescribed, designating a platform.

2. No talking or signalling to be allowed—10 seconds time to be added for each infraction of this condition.

3. The operation to be performed by manhandling with ordinary stores, without the aid of machines.

4. Order of priority to be decided by lot.

5. Half an hour allowed for the No. 1 of each detachment to select and arrange his stores before commencing.

6. The shortest time after additions in accordance with No. 2 to decide the winner.

7. Ties to be decided in favor of the squad leaving the gun in the best fighting position.

ROLL OF DETACHMENTS.

'A' Battery, R. S. G.

- 1 Capt. W. Drury,
- 2 Corpl. J. Beers,
- 3 Sergt. M. Coyne,
- 4 Gr. J. Scanlon,
- 5 " P. Fannon,
- 6 S. Sergt. W. Mawhinney,
- 7 Sergt. J. J. Phillips,
- 8 " J. C. Cornish,
- 9 Corpl. R. Hunter,
- 10 " J. Bridgeford,
- 11 Gr. Wm. Mitchell,
- 12 Br. A. Rough,
- 13 Gr. J. W. Brunelle,
- 14 " J. Fetherston,
- 15 " J. Guay,
- 16 " H. Brandon,
- 17 " A. Tardif,
- 18 Br. A. Mulcahy,
- 19 Gr. F. Slight,
- 20 " J. McLennan,
- 21 " E. Hamilton,

'B' Battery, R. S. G.

- 1 Major C. J. Short,
- 2 Gr. Bussière,
- 3 " Settrington,
- 4 Br. Gauthier,
- 5 Br. Stephenson,
- 6 Gr. Huddleston,
- 7 Br. Saunders,
- 8 Gr. McMahon,
- 9 Corpl. Walsh,
- 10 Gr. Greer,
- 11 Sergt. Simpson,
- 12 Gr. McDonald, 2nd.
- 13 Sergt. Gallagher,
- 14 Gr. Doyle,
- 15 " Jolin,
- 16 " Lowe,
- 17 " McDonald,
- 18 " Bésançon,
- 19 Br. Mason,
- 20 Gr. McStevens,
- 21 S. Sergt. Lyndon,

UMPIRES REMARKS.

Lots were drawn by Nos. 1 of detachments, Capt. Drury, won and elected to commence. "B" Battery detachment was withdrawn out of sight of the scene of operations.

Both detachments followed the same general plan viz: parbuckling up the ramp. A shorter, but perhaps, less certain method was practicable, namely to take the gun up the steeper slope of the rampart. Pickets were furnished for holdfasts.

The respective times were :—

"A" Battery, R.S.G. 39 min. 0 sec. (no time added).

"B" Battery, R. S. G. 32 min. 30 sec. (including 10 sec. added).

The "B" Battery detachment was declared victorious.

Both detachments were deserving of the greatest praise for the manner in which the work was carried out. There were no hitches anywhere excepting an accident to Capt. Drury, almost at the commencement.—In checking the gun with his handspike whilst looking more at his men the gun overpowered him and he was thrown down his foot being caught between the skid and the handspike with the whole weight of the gun on it, not 20 seconds elapsed, however, before he was extricated and giving the word of command and though in great pain and unable to put his foot on the ground he superintended the shift to its conclusion, but was unable to give manual assistance, his place in this respect being taken by another number.—This amounted nearly to the loss of a man.

It appears to me that Capt. Drury's method of parbuckling was not so speedy as that of Major Short.

The latter officer placed a lever in the muzzle which was manned by 4 numbers and he took the gun up the ramp with the muzzle from the parapet, thus giving plenty of room to the muzzle numbers.

Capt. Drury let the point of the lever rest on the ground and gave the word "muzzle forward" from time to time. He took the muzzle towards the parapet so as to have it to the front when mounting by parbuckling up the side. No doubt he gained time here over Major Short who parbuckled the gun up the rear and then slewed it, but he lost more time owing to the interference of the parapet and other obstacles on that side with the lever.

Capt. Drury is deserving of special commendation for the particularly quick way in which he brought the long skid forward whilst parbuckling on the level, by resting the hinder skid on the gun which, as it revolved, carried it to the front.

I consider Major Short's method of mounting the gun the best that could have been adopted under the circumstances.

Signed EDGAR KENSINGTON, LT.-COL.

Umpire.

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PRIZ

Kingston, C

ROYAL MILITARY COLLEGE AND GARRISON BATTERIES.

The following Circular was issued to all Garrison Batteries.

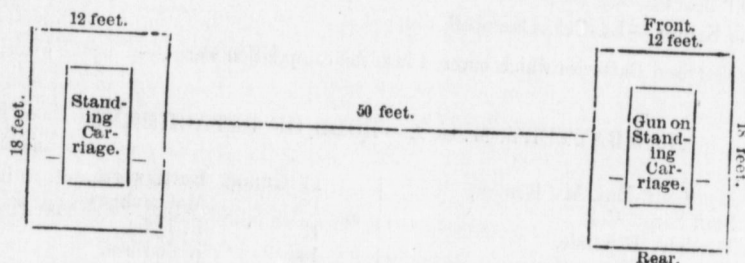
DOMINION ARTILLERY ASSOCIATION.

CIRCULAR No. 44.

The competition to be similar to that of last year's National Artillery Association at Shoe-buryness for Marquis of Lorne's prize, "go as you please."

A 24 por. 50 cwt. gun, mounted on common standing carriage, pointing to the front, to be dismounted, and taken across a space of 50 feet and then mounted on another carriage, the gun to point to the front. Stool bed and coin replaced.

The gun is not to be thrown on to the long skid, carriage not to be taken off the platform or similar space.



STORES ALLOWED.

2 Common Handspikes.....	6 feet
1 Long Lever.....	10 "
1 Long Skid.....	8 in. x 8 in x 14 "
2 Short Skids.....	6 in. x 9 in. x 3 "
1 Short Skid.....	4 in. x 4 in. x 3 "
2 Small Scotchies.....	
2 Parbuckle ropes 4½ in.....	15 Fathoms each

The detachment to consist of one officer or N. C. officer as a commander and 19 N. C. Officers or gunners.

If a 32 por. of 56 cwt. has to be used the detachment may consist of No. 1 and 21 N.C. Officers or gunners.

The detachment performing the shift in the shortest time to be declared the winner.

PRIZE.—(\$20) twenty dollars—badge and handbook Field Service to No. 1.

By Order,

J. B. DONALDSON, LIEUT.

Secretary and Treasurer.

Kingston, Ont., April 4th, 1882.

The Gentlemen Cadets entered this competition under the same conditions as last year, competing for time against the best Garrison Battery.

ROLL OF DETACHMENT R. M. C.

1 Batt. Sergt.-Maj. J. Lang,	12 Corpl. A. K. Evans,
2 Corpl. J. Baker,	13 " W. B. Carruthers,
3 " G. Woodman,	14 Cadet J. Hearn,
4 " H. Strange,	15 " W. Warmer,
5 " M. Neyland,	16 Sergt. F. Kerby,
6 " K. Von Iffland,	17 Cadet W. Van Buskirk,
7 Sergt. H. Nanton,	18 Co'y. Sergt.-Maj. Van Straubenzee,
8 " M. B. Almon,	19 Sergt. P. Gray,
9 Cadet C. F. Almon,	20 Cadet F. Abbott,
10 " K. Cameron,	Waiting, Cadet N. Hugel,
11 " H. Carey,	

Umpire.—Lt.-Col. C. E. Montizambert.

Time Keeper.—Lt.-Col. Campbell.

The Garrison Batteries which entered into the competition were :—

No. 5 BATTERY, M. G. A.—ROLL OF DETACHMENT.

1 B'y Sergt.-Maj. M. Benton,	11 Gunner Butterworth,
2 Staff Sergt. Cole,	12 " McCracken,
3 Bombdr. Drysdale,	13 " F. Fyfe,
4 Gunner Mills,	14 " Richardson,
5 " W. Drysdale,	15 " H. Connors,
6 Corpl. Clarke,	16 " Trudeau,
7 Gunner Henery,	17 " D. Connors,
8 Corpl. Herbert,	18 " Foster,
9 Gunner Leslie,	19 " Barth,
10 " Virtue,	20 " Sharpe,

Umpire.—Lt.-Col. Irwin, Inspector of Artillery.

Time Keeper.—Lt.-Col. J. F. Campbell,

No. 1 BATTERY, P. E. I. BRIGADE.—ROLL OF DETACHMENT.

1 Capt. Passmore,	11 Gunner Essory,
2 Gunner Connolly,	12 " Ronald MacDonald,
3 Sergt. MacKinnon,	13 " Craswell,
4 Gunner Pundier,	14 " F. MacKenzie,
5 Corpl. Matheson,	15 " Boswall,
6 Gunner Offer,	16 " Bell,
7 Sergt. Palmer,	17 Sergt. Younker,
8 Gunner Jackson,	18 Gunner Waddell,
9 " Aitken,	19 " Neil Mackenzie,
10 " Molyneaux,	20 " McLaurine,

Umpire and Time keeper.—Major Slous.

The following reports were received.

Secretary, D. A. A.

Kingston, Ontario, November, 1882.

Sir.—On the 31st ultimo, I acted as umpire for the Gentlemen Cadets, Royal Military College, in the Shifting Ordnance Competition as detailed in circular No. 44.

The operation was excellently well performed in 1 min. 15 sec.

Lt.-Col. Campbell, acted as time keeper.

I have the honor to be, Sir,

Your Obedient Servant.

Signed C. E. MONTIZAMBERT, Lt.-Col.

Charlottetown, P. E. I. December 28th, 1882.

Sir.—I have the honor to inform you that in accordance with your request I yesterday acted as umpire for a detachment of No. 1 Battery, (formerly No. 2) P. E. I. Provisional Brigade Garrison Artillery competing in Shifting Ordnance as per circular No. 44.

The Shift was successfully performed in (2 min. 35 sec.) two minutes and thirty five seconds. Capt. Passmore, acting as No. 1, the gun used was a 24 por. 50 cwt.

I enclose a Roll of detachment.

LT.-COL. IRWIN,

Inspector of Artillery,
Ottawa.

I have the honor to be, Sir,

Your Obedient Servant,

Signed J. SLOUS, MAJOR.

Gaspé Battery, Garrison Artillery.

The time of the competing detachments was as follows :

Cadets, R. M. C.....	1 min. 15 sec.
No. 1 Battery, P. E. I. Bde.....	2 " 35 "
No. 5 Battery, Montreal Bde.....	3 " 23 "

The Gentlemen Cadets are therefore entitled to the special prize as in previous years and No. 1 Battery, P. E. I. Brigade to the prize mentioned in circular.

VOLUNTARY DRILLS.

The following is a list of the Non-commissioned Officers and Men of the different Batteries who have performed 25 voluntary drills and over:—

NO. 1 BATTERY, 1ST BRIGADE FIELD ARTILLERY.

Lieut. J. Davidson,	40	Gunner G. Berry,	26
Sergt.-Major W. Clark		" J. Bardwell,	30
Gunner J. Weir,	26	Sergt. J. Waldron,	30
" C. Cowan,	27	" J. Stewart,	30
" F. Walker,	30	" J. Ogston,	26
" T. Ellis,	25	Corpl. J. Scarlett,	30
" J. Mara,	30	" M. Gaughan,	30
" G. Gareco,	30	Bomb. A. Marsh,	25
" F. Locke,	26	" J. Dyson,	30
" J. Higginbotham,	26	Trumpet. J. Henderson,	30

NO. 2 BATTERY, 1ST BRIGADE FIELD ARTILLERY.

Sergt. W. Joyce,	30	Gunner G. S. Raynes,	27
Sergt. P. A. Carpenter,	50	" D. McLennon,	27
Corpl. E. McPhail,	50	" E. A. Conly,	50
Gunner DeVeber,	29	" F. H. Courbarron	25
" W. Brown,	30	" J. Mahoney,	35
" J. Gilpin,	30	" S. Lindsay,	35
" H. Hood,	26	" W. Lindsay,	35
" H. Anderson,	30	" T. Wroughton,	25
" J. Raikes,	30	" J. Simpson,	26
" G. Goold,	30	" H. Newstead,	26
" J. A. Creelman,	27	" J. McGregor,	42
" W. Fotheringham,	27	" G. Flawes,	26
" G. S. Maunsell,	30	" H. P. Torrance,	26
" C. H. McNish,	30	" J. Torrance,	26
" D. E. Perry,	30	" R. H. Elworthy,	50
" J. A. Smith,	30	" F. Hallisey,	50
" H. S. Holcroft,	30	" J. Gregory,	50
" E. A. Rennie,	42	" R. H. Kestell,	50
" D. C. Eddington,	50	" R. Bethune,	50
" H. M. Frith,	50	" M. G. Blanchard,	50
" J. D. Robinson,	27	" J. Shuttleworth,	50
" W. B. Ord,	50	" F. Wittlanfor,	27
" C. J. Broughton,	27		

MONTREAL FIELD BATTERY.

Lieut. J. S. Hall,	43	Hosp.-Sergt. W. Dawson,	32
Qr.-Mr.-Sergt. T. Maxwell,	44	Gunner J. Hunt,	32
Sergt. J. D. Kendall,	48	" C. Kent,	30
" T. Walker,	36	" C. Riepert,	28
" R. J. Kendall,	30	" G. Hunt,	35
" C. E. Green,	50	" W. T. Freeman,	27
Corpl. J. M. G. Mowat,	62	" W. Borden,	37
" G. M. Stewart,	52	" C. Colquhoun,	26
" R. W. Hastings,	36	" F. Day,	25
Bomb R. Kough,	49	" G. T. Griffith,	32
" J. G. Lindsay,	43	" J. Wilson,	37
" J. M. Whonton,	25	" W. Hudson,	25
Act.-Bomb. Henney,	38	Bomb. J. Henderson,	25
Far.-Sergt. J. Jeffery	28		

QUEBEC FIELD BATTERY.

Sergt.-Major Bertrand,		Bomb. Grenier,	
Sergt. Hamel,		" F. X. Pagé,	
" D'Allaire,		Gunner Giguere,	
Corpl. Marcheterre,		" Boivin.	
" Letarte,			
Bomb. Martel,			
		Total drills.....	750

No. 1 BATTERY P. E. I. BRIGADE GARRISON ARTILLERY.

Capt. Passmore,	55	Gunner J. Jackson,	27
Lieut. McNeill,	31	" Wellington Craswell,	46
Sergt.-Major J. S. Heartz,	58	" Neil McKenzie,	37
Sergt. Lemuel Younker,	47	" Rufus Macdonald,	54
" R. Palmer,	59	" Wm. Connolly,	41
" R. McKinnon,	59	" G. Scantlebury,	33
Corpl. W. Brundage	25	" J. Puncher,	34
" H. G. Wadman,	34	" R. McDonald,	72
" R. Matheson,	70	" H. Biswall,	64
Gunner T. Aitkens,	30	" T. Bell,	25
" R. McLaurine,	30	Trumpeter J. Carpenter,	74
" J. Offer,	40	" J. Evans,	52
" A. McCannel,	27		
" R. B. Huestis,	26		
" H. J. Love,	28		
		Total.....	1360

No. 2 BATTERY P. E. I. BRIGADE GARRISON ARTILLERY.

Capt. Moore,	38	Gunner McFarlane,	34
Lieut. Davidson,	34	" J. Music,	28
" J. A. Longworth,	33	" Matheson,	37
Seagt. W. Heartz,	28	" Crockett,	27
" Bell,	25	" Snelgrove,	28
" Dover	43	" Adams,	25
Corpl. Royden,	35	" Reddin,	25
Gunner McDonald,	26	" Marshall,	25
" Harper,	25		
" J. Music,	32		
		Total.....	893

No. 3 BATTERY P. E. I. BRIGADE GARRISON ARTILLERY.

Capt. Owen,	45	Bombdr. McDonald,	36
Sergt. Easton,	45	" Hunter,	29
" Stewart,	42	" Vatcher,	27
" Lavers,	32	Gunner Morrison,	27
" Weatherbie,	45	" McKinnon,	27
" Wickwire,	45		

Proceedings of an Extraordinary Council Meeting, Dominion Artillery Association, held at Citadel, Quebec, 8th April, 1882, in accordance with Circular dated 25th March, 1882.

Present :

Lieut.-Col. Irwin, President of Council.	} Members.
Lieut.-Col. Cotton, "A" Battery.	
Lieut.-Col. Stevenson, M. Fid. B'y.	
Major Holmes, "A" Battery.	
Major Hamel, Lévis Gar. Art.	
Capt. Crawford Lindsay, Q. F. B.	

A letter was read from Lt.-Col. Kensington, R.A., stating his views, and those of Lt.-Col. Hewitt, Oliver, and Major Walker, Members of Council, on the subject for which the Council Meeting was called. These views were considered by the meeting and the following resolution was proposed by Lieut.-Col. Cotton, seconded by Capt. C. Lindsay and carried unanimously, viz :—

"That in view of the absence on leave of Major-General Luard, President of the Dominion Artillery Association, and the retirement of Major-General Strange, President of Council, D.A.A., the following officers be appointed to act as a Committee for the selection of the N.C. officers and men who are to form part of the Team proposed to be sent to Shoberness this year. viz :—

Colonel Powell, A.G., *Vice-President*,
 Lt.-Col. Irwin, *President of Council*,
 Lt.-Col. Montizambert, "B" Battery.

Proposed by Lt.-Col. Stevenson, M. F. B., seconded by Major Hamel, Lévis Gar. Art., and carried—

"That all gentlemen who have hitherto, or may hereafter, subscribe \$20.00 or more, to the Dominion Artillery Association be enrolled Life Members of the Association, and that in view of the generous donation made by Mr. A. Buntin of Montreal, that gentleman be elected a member of Council."

**Proceedings of an Extraordinary Meeting of Council held in
 No. 6 Committee Room, Parliament Buildings, Ottawa,
 at 2 p. m. on the 17th January, 1883.**

Present :—Major General R. G. A. Luard, Commanding Militia, in the Chair.
 Col. Powell, Adjutant General ;

Lt.-Col. Irwin, I. of A. ; Lt.-Col. Montizambert, Assistant I. of A. ; Lt.-Col. Cotton, Assistant I. of A. ; Lt.-Col. Stevenson, Commanding Montreal Field Battery ; Lt.-Col. Maunsell, D.A.G. ; Lt.-Col. Straubenzee, D.A.G. ; Lt.-Col. Macdonald, Commanding 1st Brigade, Field Artillery ; Lt.-Col. Oswald, Commanding Montreal Brigade, Gar. Artillery ; Major Holmes, Comdg. 'A' Battery, R.S.G. ; Capt. Trotter, Montreal Gar. Arty. ; Capt. Cole, Montreal Garrison Artillery ; Capt. Turnbull, Montreal Garrison Artillery ; Lt. J. B. Donaldson, Secretary.

Lt.-Col. Irwin, after reading suggestions from absent members proceeded to explain what had been done last year towards sending a team to Shoeburyness and concluded by moving seconded by Major Holmes,—“That with a view to the avoidance of personal discussion in open meeting of Council, the selection of an Officer to Command the Team proposed to be sent to Shoeburyness shall be left to a committee of 7 members, to consist of:—

General Officer Commanding.

Adjutant General.

Inspector of Artillery.

2 Assistant Inspectors of Artillery.

Lt.-Col. Stevenson.

Lt.-Col. Oswald.

and that this Committee proceed with their selection so soon as they are aware that a sum of money has been appropriated for the purpose.

Also that the selection of the Adjutant of the Team be left to the Officer selected to Command, his choice to be limited to the Officers of the paid Militia Staff,—including R.M.C. and Royal Schools of Gunnery.

Moved in amendment by Lt.-Col. Oswald, seconded by Lt.-Col. Straubenzee,

“That the Council do now appoint an Officer from Province of Ontario to Command the Team proposed to be sent to Shoeburyness this year.”—The amendment was carried.

The General Officer having withdrawn Lt.-Col. Irwin, President of Council took the chair.

It was proposed by Lt.-Col. Oswald, seconded by Lt.-Col. Stevenson:—“That the Council now proceed to the election of an Officer, by ballot, to Command the Team in accordance with the previous resolution.” The ballot resulted in Lt.-Col. Macdonald being unanimously elected.

Moved by Lt.-Col. Stevenson, seconded by Lt.-Col. Maunsell:—“That the Adjutant and members of the Team be selected by a committee consisting of the Inspector of Artillery; the Assistant Inspectors of Artillery; Col. Hewett, Commanding R.M.C.; Lt.-Col. Oswald and the Officer selected to Command the Team.—Carried.

Moved by Lt.-Col. Stevenson, seconded by Lt.-Col. Maunsell:—That the Team be selected in the same proportions and in the same manner as decided upon last year, viz: 2 Cadets R.M.C.; 2 “A” Battery, R.S.G.; 2 “B” Battery, R.S.G.; 6 Fld. Batteries; 8 Gar. Batteries.—Carried.

Moved by Major Holmes, seconded by Lt.-Col. Van Straubenzee:—“That the Inspector of Artillery; Lt.-Col. Maunsell; Lt.-Col. Macpherson, Director of Stores; Lt.-Col. Stevenson; Lt.-Col. Oswald; and Capt. Stewart, Commanding Ottawa Field Battery be a committee to revise the rules of the Association and report to this Council at the next Annual Meeting. Three members to form a quorum for business.—”Carried.

Proposed by Lt.-Col. Maunsell, seconded by Major Holmes:—“That the score made by No. 1 Battery, P. E. I. Brigade, Garrison Artillery, on the 7th January, 1882, and not allowed to count for 1881 do count for 1882.”—Carried.

Proposed by Lt.-Col. Cotton, seconded by Lt.-Col. Montizambert:—“That the prize list for Garrison Batteries be in the same proportion as last year”—Carried.

Proposed by Lt.-Col. Montizambert, seconded by Lt.-Col. Macdonald :—" That the Council lay before the Hon. the Minister of Militia the advisability of making an appropriation in this year's estimates for the purpose of forming small camps at Quebec and Toronto, after the annual training of batteries, bringing together the detachments of the different Batteries for practice and Shifting Ordnance Competitions after the model of the National Artillery Association at Shoeburyness.

Proposed by Lt.-Col. Montizambert, seconded by Major Holmes :—" That range reports as submitted by Lt.-Col. Cotton, Assistant Inspector of Artillery, be adopted by this Association for competitive practice."—Carried.

Resolved " that the questions to be issued during the current year, by the Militia Department be adopted by this Association as the questions for the Efficiency Competitions."

With reference to the following letter received from the Governor General's Secretary, Col. De Winton, R.A., it was decided to accept 3 cups value \$25.00 each together with \$25.00 in money with each cup instead of the alternative.

SIR.—With reference to your letter of the 6th inst. I am directed to inform you that His Excellency will give this year for competition to the Dominion Artillery Association 3 cups value \$25.00 each together with \$25.00 in money with each cup or a prize of \$50.00 in cash for each competition and it will be left to the Council of the Association to decide which they consider would be most acceptable.

I have the honor to be, Sir,
Your obedient Servant.

The Secretary, D.A.A.,

Kingston

Signed F. DE WINTON, LT.-COL. R.A.

Governor General's Secretary.

Moved by Lt.-Col. Macdonald, seconded by Major Holmes :—" That the balance remaining on hand from the money subscribed for the 1881 team be placed to the credit of the team for the current year."—Carried.

It was also resolved that a (General) Council Meeting be held at 2 p.m. on the 21st February, at Ottawa, for the purpose of receiving the Secretary's report and transacting general business.

Presdt of Council
Dea

J. B. DONALDSON, LIEUT.

Secretary.

SIR.—I have the honor to submit the annual report of the Secretary and Treasurer for the year 1882-83.

The Royal Military College ; 2 Royal Schools of Gunnery ; 10 Field Batteries ; 18 Garrison Batteries, affiliated during the year, being a falling off of 2 Field Batteries and 11 Garrison Batteries as compared with the year 1881-82.

It will be seen on reference to the summary of prizes awarded that the scores made during last annual practice were considerably in advance of the preceding year. A total of 34 got fifth prize in 1881, 28 coming in for last money prize, whereas only three scores of 24

come in for prizes this year. The average increase in score this year over last being 6 points per competitor. This is due in some measure to the increase of the shrapnel shell limit from 90 to 120 yards.

The question of procuring ranges in suitable positions at which batteries might practice under similar conditions as regards length of range and position of target was suggested by me in a previous report. I feel certain that this would be a step in the right direction, and give more confidence in the system to those competing. The length ~~of some~~ of some of the ranges used at present is ~~too~~ much too short being such as a gunner would rarely, if ever be required to fire over. Some being less than the range of an ordinary Snider Enfield, one range I believe was scarcely 1000 yards long. The range at which Field Batteries are supposed to practice at present "where practicable not under 1300 yards," should I think be increased to not under 1600 and to 1800 yards if obtainable, as this is about the range at which they would, under ordinary circumstances, be required to pave the way for infantry fire.

This year only three batteries of Garrison Artillery attempted the Shifting Ordnance Competition, one falling out before completing the operation. Considering the prize offered, the number of batteries competing seems incredibly small, indeed it can scarcely be called a competition, when only two out of the batteries in the Dominion enter for it.

My remarks in annual report for 1880-81 will bear repeating:—"It is still a matter for regret that the Garrison Artillery do not enter this competition; there is no doubt it is attributable to the short time allowed for training, it being found impossible, during the time allowed to even touch on this absolutely necessary part of an Artilleryman's duties. Nothing but practice can qualify in this respect." The operations selected for the competitions are of the easiest description.

I have always been in doubt whether it was within the province of the Secretary to make these remarks, annually in submitting the reports. They, would doubtless be considered more worthy of attention by the authorities coming as a report from the Council instead of from the Secretary whose duty I suppose is only to record the work done and not to criticise.

The whole respectfully submitted,

J. B. DONALDSON, LIEUT.

Secretary and Treasurer.