

THE CANADIAN MILITIA GAZETTE

The Popular Organ of the Active Force of the Dominion.

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A MATTER OF PRECEDENCE.

The last Militia General Orders provide that the kilted regiment being organized in Toronto will be known as the "48th Battalion (Highlanders)," and "will take precedence in the Militia next after the 47th 'Frontenac' Battalion." Why a special order of precedence should be prescribed, is not explained, and as our corps do not take precedence in the order of their numerical designations, Par. 48 of the R. and O., 1887, providing that "Corps of each arm take precedence according to date of formation," this Order seems to be irregular, as well as not quite fair. As the date of the organization of the 47th Battalion is 30th Nov., 1866, the 48th will take precedence of all corps organized since that date. Amongst these are Montreal's splendid kilted regiment, the 5th Royal Scots (organized 12th April, 1872), and another Highland corps, the 79th Shefford (31st May, 1872); the 21st Essex Fusiliers (12th June, 1885); the 43rd Ottawa and Carleton Rifles (5th August, 1881); the 53rd Sherbrooke Battalion (22nd March, 1867); the 54th Richmond Battalion (22nd March, 1867); the 57th Peterborough Rangers (3rd May, 1867); the 59th Stormont and Glengarry Battalion (3rd July, 1868); the 62nd St. John Fusiliers (22nd March, 1872); the 65th Mount Royal Rifles (18th June, 1869); the 66th Princess Louise Fusiliers (18th June, 1869); the 77th Wentworth Battalion (23rd May, 1872); and the 90th Winnipeg Rifles (9th November, 1883). As these corps all stand high in efficiency, it seems an injustice that a new organization should be given precedence of them.

The General Order referred to must surely have been issued through a misapprehension. The auspices under which the 48th Highlanders have been established are such that no special precedence seems to be called for other than can be earned in popular favour by the merits of the corps, which with a commanding officer of the sterling merit of Lieut. Col. Davidson, and a recruiting ground such as the Queen City, ought speedily to become equal to the best in Canada.

THE BEST ARTILLERY CORPS.

The inspection report showing the comparative efficiency of the several artillery corps in each branch—field and garrison—for 1891, is published in the last General Orders, with the signature and approval of the Major-General Commanding as well as of the Inspector of Artillery. Upon this report the prizes offered by the Dominion Artillery Association will be awarded, as follows:

FIELD ARTILLERY.

1st.—Cup presented annually by Lord Stanley of Preston, and \$25—Hamilton Field Battery	576.96
2nd.—Lansdowne Challenge Cup, to be held for the year, and \$40—No. 1 Battery, 1st Brigade.....	523.15
3rd.—\$25—No. 2 Battery, 1st Brigade.....	515.76

GARRISON ARTILLERY.

1st.—No. 3 Battery, Halifax Brigade.....	252
2nd.—No. 5 " "	248
3rd.—No. 1 " New Brunswick Brigade.....	247

The three prizes for the Garrison Artillery are identical with those for the Field Batteries. It will be noticed that the Hamilton Field Battery have a decided lead in their branch, and the detailed report shows them to be thoroughly efficient in every detail, and that their great lead is due to the specially creditable manner in which their officers and non-commissioned officers answered the questions put by the inspecting officer. It will be remembered that last year Hamilton was less than one point behind the leading battery, and had an abnormally low firing score. This year the one weak spot has been strengthened, and they win the honourable place at the top for which they have made such close running ever since they held it before in 1887. The battery taking second prize this year was first for the past three years in succession. The third battery belongs to the same brigade as the second. Major Van Wagner for Hamilton, and Lieut.-Col. Macdonald for Guelph, have good reason to be proud of their artillerymen, who have so well profited by the skilled instruction provided for them.

For the first time in ten years the first prize for Garrison Artillery does not go to the Prince Edward Island Brigade, and here again the answers to questions seem to have had most to do with determining the victory, Halifax being only one point short of the total of 120 awarded under this head, for the battery taking first place, and 7 points short for the battery taking second. New Brunswick, with two batteries third and fourth respectively, ran Halifax a pretty tight race, and No. 2 Battery P. E. I. was an excellent fifth, an indication of very little falling off in the state of efficiency which so long kept them at the head of the honour roll.

On the whole the reports show a very gratifying state of affairs with respect to our artillerymen's proficiency in the work prescribed for them—an indication that they deserve and are apt to make good use of any further facilities that the Government may be able to offer them for next drill season.

Militia General Orders (No. 20) of 20th Nov., 1891.

No. 1.—CARE OF ARMS AND EQUIPMENT.

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

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

No. 3.—MILITARY COMPETITION.

Result of competition in Mounted Corps for Bronze Medals presented by the Committee of the Royal Military Tournament, England.

Rules for competition as detailed in Army Order 70, April, 1891, for Riding and Sword Practice.

Corps.	No. of Competitors.	Winner.
Cavalry School Corps . . .	14	Private T. Lamothe.
do Tent pegging, &c.		Sergt. T. Leblond.
“A” Batt. R.C.A.	13	Bombr. W. Harris.
“B” “ “	9	Gr. and Driver J. Burke.
Mounted Rifle Corps . . .		Staff-Sergt. H. R. Hobkirk.

No. 4.—INSTRUCTIONAL FACILITIES TO OFFICERS ON LEAVE.

Officers of the Militia of Canada, visiting England, who may be desirous of improving their military acquirements, either in the United Kingdom or on the European Continent, are requested to report themselves to the Director of Military Intelligence, 18 Queen Anne's Gate, Westminster, who will afford them every assistance.

No. 5.—ACTIVE MILITIA—PROMOTIONS AND APPOINTMENTS.

CAVALRY.

THE GOVERNOR GENERAL'S BODY GUARD FOR ONTARIO, Toronto.—To be Lieutenant: 2nd Lieutenant Hampden Zaue Churchill Cockburn, R.S.C., *vice* F. A. Fleming, promoted.

To be 2nd Lieutenants, provisionally: George Peters, Gentleman, *vice* H. Z. C. Cockburn, promoted.

William Button Hagerman, Gentleman, *vice* Philip George Bender Button, left limits.

2ND REGIMENT OF CAVALRY, Oak Ridges, O.—Major James Elliott is permitted to retire retaining rank.

“B” Troop, St. Ann's—Lieutenant William G. McCollum is permitted to retire retaining rank.

ARTILLERY.

TORONTO FIELD BATTERY OF ARTILLERY, O.—To be Captain: Lieutenant Lewis Erskine Wentworth Irving, R.S.A., *vice* James Philip Beaty, who is permitted to retire retaining rank.

INFANTRY AND RIFLES.

1ST BATTALION, “PRINCE OF WALES' REGIMENT,” Montreal, Q.—To be Paymaster, with honorary rank of Captain: Joseph David Gaspard Lefebvre, Esquire, formerly Captain, *vice* Honorary Major Alexander Milloy, who is permitted to retire retaining rank.

2nd Lieutenant Hector Buie retires from the service.

2ND BATTALION, “QUEEN'S OWN RIFLES OF CANADA,” Toronto, Ont.—To be 2nd Lieutenant, provisionally: Sergeant Douglas Winder Cameron, *vice* A. G. Falgout, deceased.

3RD BATTALION, “VICTORIA RIFLES OF CANADA,” Montreal, Q.—To be Lieutenant: Alexander Thomas Ogilvie, Gentleman, R.S.M.I., *vice* Edward Desbarats, who is permitted to retire retaining rank.

10TH BATTALION, “ROYAL GRENADIERS,” Toronto, O.—To be 2nd Lieutenants: 2nd Lieutenant Cesare James Marani, R.S.I., from No. 7 Company, 34th Battalion, *vice* A. R. Sweatman, promoted.

James William Bain, Gentleman, provisionally, *vice* W. Lehmann, promoted.

13TH BATTALION OF INFANTRY, Hamilton, O.—To be 2nd Lieutenants provisionally: Thomas W. Lester, Gentleman, *vice* W. H. Bruce, promoted.

Walton Gibbs Townsend, Gentleman, *vice* T. Hobson, resigned.

Frank Russell Waddell, Gentleman, *vice* J. D. Laidlaw, promoted.

19TH “LINCOLN” BATTALION OF INFANTRY, O.—No. 3 Company, St. Catharines.—To be Lieutenant, from 6th October, 1891, Lieutenant Herbert Cyril Thacker, R.M.C., *vice* J. T. Groves, resigned.

20TH “HALTON” BATTALION, “LORNE RIFLES,” Milton, O.—To be Major: Captain and Brevet Major George Stewart Goodwillie, M.S., from the Adjutancy, *vice* John Kaiting, who is permitted to retire retaining rank.

25TH “ELGIN” BATTALION OF INFANTRY, St. Thomas, O.—Paymaster and Honorary Captain William Henry Moore is granted the Honorary rank of Major, from 13th January, 1891.

26TH “MIDDLESEX” BATTALION OF LIGHT INFANTRY.—Lieutenant John Morgan, No. 6 Company, 2nd Lieutenant Edgar Weld, No. 1 Company, and 2nd Lieutenant James H. Lee, No. 7 Company, having failed to attend annual drill, their names have been removed from the list of Officers of the Active Militia.

28TH “PERTH” BATTALION OF INFANTRY, O.—No. 4 Company, St. Mary's.—Lieutenant John Moore Adams having failed to attend annual drill, his name has been removed from the list of Officers of the Active Militia.

30TH “WELLINGTON” BATTALION OF RIFLES, O.—No. 9 Company, Moorfield.—2nd Lieutenant Fordyce Luke Thompson, having failed to attend annual drill, his name has been removed from the list of Officers of the Active Militia.

34TH “ONTARIO” BATTALION OF INFANTRY, Whitby, O.—Quartermaster and Honorary Major Charles Wright Smith is permitted to retire, retaining rank.

38TH BATTALION, “DUFFERIN RIFLES OF CANADA,” Brantford, O.—To be Captains: Lieutenant Joseph Ruddy, R.S.I., *vice* John Henry McLean, left limits.

Lieutenant Robert Wilson Robertson, R.S.I., *vice* Henry John McGlashan, left limits.

Lieutenant Herbert David Curtis, R.S.I., *vice* W. D. Jones, appointed Adjutant.

George Sands Perks, Esquire, provisionally, *vice* J. E. H. Stratford, appointed Quartermaster.

To be Lieutenants, provisionally: Staff Sergeant James William Fuller, *vice* J. Ruddy, promoted.

Edwin Duncan Cameron, Gentleman, *vice* R. W. Robertson, promoted.

George David Watt, Gentleman, *vice* H. D. Curtis, promoted.

2nd Lieutenant Alexander Leith Bown, having left limits, his name has been removed from the list of officers of the Active Militia.

To be Adjutant: Captain William David Jones, V.B., *vice* W. A. Wilkes, who has vacated that appointment on promotion.

40TH “NORTHUMBERLAND” BATTALION OF INFANTRY, O.—No. 1 Company, Cobourg.—To be 2nd Lieutenant, provisionally: Corelli Collard Field, Gentleman, *vice* E. Campbell, promoted.

42ND “BROCKVILLE” BATTALION OF INFANTRY, O.—No. 5 Company, Kennew.—To be Lieutenant: 2nd Lieutenant Allan Cameron Mackay, R.S.I., *vice* Charles McDowell, who retires from the service.

44TH “WELLAND” BATTALION OF INFANTRY, Niagara Falls, O.—Quartermaster and Honorary Major James Tattersall is permitted to retire, retaining rank.

48TH BATTALION, “HIGHLANDERS,” Toronto, O.—To be Lieutenant-Colonel, provisionally: John Irwin Davidson, Esquire, from retired list of Captains.

49TH “HASTINGS” BATTALION OF RIFLES, O.—No. 6 Company, Trenton.—2nd Lieutenant Robert David Meyers retires from the service.

58TH BATTALION OF INFANTRY, “PETERBOROUGH RANGERS,” O.—To be Captain: Lieutenant Karl Gustave Lech, R.S.I., *vice* Robert J. Lee, who is permitted to retire with rank of Lieutenant.

To be Lieutenants: 2nd Lieutenant Louis M. Hayes, R.S.I., *vice* K. G. Lech, promoted.

61ST “MONTMAGNY AND LISLET” BATTALION OF INFANTRY, Q.—Paymaster J. B. Alfred Lepine is granted the Honorary rank of Major, from 10th June, 1891.

63RD “HALIFAX” BATTALION OF RIFLES, N.S.—To be Lieutenant: 2nd Lieutenant Hartley Spinney Jacques, R.S.I., from No. 5 Company, 72nd Battalion, *vice* W. L. Kane, retired.

To be 2nd Lieutenants, provisionally: Percy James Aldington Lear, Gentleman, *vice* E. B. Richardson, promoted.

Louis Julius Mylius, Gentleman, *vice* E. J. Egan, promoted.

65TH BATTALION, MOUNT ROYAL RIFLES, Montreal, Q.—To be 2nd Lieutenant: 2nd Lieutenant Henri Etienne Normandeau, R.S.I., from No. 4 Company, 64th Battalion, *vice* Ernest Lavigne, who retires from the service.

66TH BATTALION, "PRINCESS LOUISE FUSILIERS," Halifax, N.S.—To be 2nd Lieutenant, provisionally: Frederic Drummond Hendersen, Gentleman, *vice* W. V. Wallace, promoted.

71ST "YORK" BATTALION OF INFANTRY, N.B.—No. 2 Company, McKeen's Corner.—To be 2nd Lieutenant, provisionally: Corporal George Alexander Murray, *vice* J. S. Burt, promoted.

72ND "2ND ANNAPOLIS" BATTALION OF INFANTRY, N.S.—No. 5 Company, Farmington.—To be 2nd Lieutenant, provisionally: Sergeant Winburn L. Phinney, *vice* H. S. Jacques, promoted into 63rd Battalion.

76TH BATTALION OF RIFLES, "VOLTIGEURS DE CHATEAUGUAY, Q.—No. 3 Company, St. Urbain.—To be Lieutenant, provisionally: Sergeant Antoine Vinet, *vice* George Laporte, left limits.

82ND "QUEEN'S COUNTY," BATTALION OF INFANTRY, P.E.I.—No. 6 Company, Covehead.—To be 2nd Lieutenant, provisionally: Sergeant Ernest McMillan, *vice* Malcolm Shaw Kelly, who retires from the service.

91ST BATTALION, "MANITOBA LIGHT INFANTRY," No. 6 Company, Virden.—To be Lieutenant: 2nd Lieutenant Edward Arthur Christopher Hosmer, R.S.M.I., *vice* John Taylor, who retires from the service.

To be 2nd Lieutenant, provisionally: James Tait Johnston, Gentleman, *vice* E. A. C. Hosmer, promoted.

NEW WESTMINSTER RIFLE COMPANY, B.C.—Captain Edwin Sayre Scoullar, retires from the service.

BREVET.

To be Major, from 15th April, 1888: Captain Phidime Belanger, M.S., Adjutant 61st Battalion.

CONFIRMATION OF RANK.

Lieutenant James Baker Stothers, R.S.C., No. 2 Troop, 1st Regiment Cavalry; from 23rd October, 1891.

2nd Lieutenant George Leslie Hough, R.S.A., Gananoque Field Battery; from 16th October, 1891.

2nd Lieutenant George Bunting Black, R.S.C., "G" Troop, 8th Regiment of Cavalry; from 11th November, 1891.

No. 6—CERTIFICATES GRANTED.

Rank, Name and Corps.	Class.	Course.	Grade.	Percentage of Marks obtained		
				Written.	Practical.	Aggregate Percentage.
<i>Royal School of Cavalry.</i>						
Lieut. J. B. Stothers, 1st Reg. Cav.	1 Sp	A		71	73	72
2nd Lieut. F. B. Black, 8th Reg. Cav.	1 Sp	A		87	79	81
Lance Corp. J. Carmichael, Cav. Sch. Corps.	1 Sp	B		73	81	81
Lance Corp. B. Hunt, Cav. Sch. Corps.	1 S	B		75	86	83
Lance Corp. D. Smeaton, Cav. Sch. Corps.	1 S	B		70	81	78
<i>For Equitation.</i>						
Captain J. S. Dunbar, 8th Bn.	1	A		92	75	80
Lieut. J. D. Brousseau, 9th Bn.	1	A		64	80	74
<i>Royal School of Artillery.</i>						
2nd Lieut. G. L. Hough, Gananoque Field Battery.....	1 S	A		89	81	84
<i>Royal Schools of Infantry.</i>						
Capt. W. McK. Kerr, 29th Bn.	1 Lg	A		81	67	74
Obtained at R. M. College Special Mention in Military Administration, Reconnaissance and Military Engineering.						
Corp. I. J. Thomas, 54th Bn.	1 Lg	B		77	71	75

No. 7.—MEMORANDUM.

Captain Henry Collings Sheppard, being an officer not serving regimentally, is granted the rank of Major in the Militia, on appointment as Extra Aide-de-Camp to His Excellency the Governor General, to date from 8th October, 1891.

No. 8.

With reference to No. 4 of General Orders (19) 16th October, 1891, the Battalion therein referred to will henceforth be known as the 48th Battalion (Highlanders) and will take precedence in the Militia, next after the 47th "Frontenac" Battalion.

No. 9.—INSPECTION REPORT, Showing the Comparative Efficiency of Field Batteries, 1891.

Battery.	Officer Commanding.	Inspection Details											Inspecting Officer.		
		Clothing and Accoutrements.	Guns, Carriages and Equipment.	Horses.	Harness and Harnessing.	Marching Post.	Gun Drill.	Sword Drill.	Field Manoeuvres.	Discipline and Camping.	N.C. Officers.	Score.		Absentees.	Total.	Officers Absent.
FULL MARKS....		24	32	24	32	30	56	16	32	24	80	128	200	678	
Hamilton.....	Major Van Wagner.....	22	32	22	32	30	48	16	30	24	80	128	112.96	576.96	Lieut.-Col. Cotton.
No. 1, 1st Bde..	" Nicoll.....	20	28	20	26	27	52	15	26	20	55	112	123.15	523.15	" Irwin.
No. 2, ".....	" Davidson.....	10	28	22	28	30	48	15	28	22	74	123	77.76	515.76	" "
Montreal.....	" Hall.....	24	32	24	30	27	50	15	25	20	75	112	81.02	2560.02	" Montzambert.
Durham.....	" McLean.....	20	28	18	24	24	46	10	18	16	58	104	128.24	404.24	" Irwin.
Quebec.....	" Lindsay.....	23	30	20	25	28	50	10	30	22	60	105	92.58	4491.58	1 " Montzambert.
Ottawa.....	" Stewart.....	22	30	20	30	30	41	14	30	24	66	90	89.80	489.80	" Cotton.
Woodstock.....	" Dibblee.....	20	24	24	23	22	30	14	22	18	51	95	118.04	2470.04	" Montzambert.
Welland Canal..	" King.....	18	28	18	24	15	50	8	28	20	78	82	107.86	470.86	Major Drury.
Newcastle.....	Lieut.-Col. Call.....	19	24	22	24	25	50	†	26	16	58	90	115.74	8401.74	Lt.-Col. Montzambert.
Winnipeg.....	Major Coutlee.....	16	20	20	20	30	44	12	28	22	70	106	63.98	10453.98	" Cotton.
Gananoque.....	Lieut.-Col. McKenzie.....	12	23	18	21	25	45	8	25	20	70	88	87.50	445.50	Major Drury.
Toronto.....	Major Mead.....	18	28	10	24	27	51	14	24	16	34	84	111.57	9438.57	2 Lieut.-Col. Irwin.
Sheffield.....	Lieut.-Col. Amyrauld.....	15	20	20	25	25	45	6	25	20	50	52	95.38	11393.38	Major Wilson.
London.....	" Peters.....	20	16	10	16	25	30	†	28	20	30	80	78.24	10349.24	2 Lieut.-Col. Cotton.
Sydney.....	Major McLeod.....	20	25	18	16	25	52	12	28	14	54	58	73.13	7313.	1 " Montzambert.
Kingston.....	" Drennan.....	20	28	16	24	26	28	12	15	10	41	67	†	32255.	" Irwin.

NOTE. * Gun practice over Sea Range prevented by inclement weather.
 † Unable to show efficiency in this detail.
 ‡ One competitor absent.

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

No. 10.—INSPECTION REPORT, Showing the Comparative Efficiency of Garrison Artillery Batteries, 1891.

Batteries.	Officer Commanding.	Clothing and Accoutrements.	Manual and Firing Exercises.	Company Drill.	Gun Drill.	Discipline and Interior Economy.	QUESTIONS.		Absentees.	Total.	Officers Absent.	Inspecting Officer.
							Officers.	N.-C. Officers.				
FULL MARKS....		10	20	20	80	10	48	72	....	260	....
H. G. A., No. 3.....	Capt. Maxwell.....	10	19	19	75	10	48	71	....	252	....	Lieut.-Col. Montizambert.
" " 5.....	" Oxley.....	10	19	18	78	10	42	71	....	248	....	" "
N. B. G. A., " 1.....	" Crawford.....	10	20	16	78	10	43	72	2	247	....	" "
" " 4.....	" Jones.....	10	19	16	76	10	47	70	4	244	....	" "
P. E. I., " 2.....	" Longworth.....	10	19	15	78	10	43	65	3	237	....	" "
Lévis, " 1.....	" Martineau.....	8	19	15	67	10	38	69	....	226	....	" "
Q. G. A., " 2.....	Major Boulanger.....	9	15	17	70	8	35	68	2	220	1	" "
Lévis, " 2.....	" Vien.....	7	16	15	65	8	46	60	1	216	....	Capt. Fages.
N. B. G. A., " 3.....	Capt. McLeod.....	10	15	16	54	10	38	69	13	199	....	Lieut.-Col. Montizambert.
H. G. A., " 4.....	" Botsford.....	10	18	15	50	10	30	63	7	189	....	" "
" " 6.....	" Parker.....	10	18	17	60	10	22	52	10	179	1	" "
N. B. G. A., " 2.....	" Gordon.....	10	16	14	45	10	40	56	12	179	....	" "
H. G. A., " 2.....	" Hesselein.....	10	16	12	35	10	42	55	12	168	....	" "
N. B. G. A., " 5.....	" Steeves.....	10	19	5	35	10	26	70	14	161	1	" "
M. G. A., " 2.....	Lieut. McEwen.....	10	17	15	37	10	16	50	3	155	2	" "
H. G. A., " 7.....	Capt. Anderson.....	10	17	15	40	10	27	42	8	153	1	" "
M. G. A., " 1.....	" Ogilvy.....	10	17	18	35	10	8	52	....	150	2	" "
H. G. A., " 1.....	Major Purcell.....	10	15	10	55	10	25	35	15	145	....	" "
Q. G. A., " 1.....	" Roy.....	8	16	16	32	8	12	59	7	144	2	Capt. Fages.
M. G. A., " 4.....	Capt. Finlayson.....	10	17	18	37	10	10	36	6	132	2	Lieut.-Col. Montizambert.
P. E. I., " 1.....	" Davison.....	10	19	16	78	10	†	†	3	130	....	" "
M. G. A., " 3.....	" Bissett.....	10	17	18	35	10	16	22	6	122	2	" "
" " 6.....	" Crathern.....	10	17	18	38	10	†	30	6	117	2	" "
" " 5.....	Lieut. Reid.....	10	17	18	36	10	12	14	6	111	2	" "
Q. G. A., " 3.....	Capt Morgan.....	7	20	10	30	10	†	†	2	75	1	" "
Digby.....	Major Daley.....	} Drill not completed at inspection..... {										" "
Mahone Bay.....	Capt. Ernst.....											" "

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

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

IVOR HERBERT, Major-General,
Commanding the Militia, Canada.

THE NEW DRILL BOOK.

The following is a continuation of the digest of the change in contemplation recently reproduced from *The Broad Arrow* :—

PART V —MOVEMENTS IN PRESENCE OF THE ENEMY AND BATTLE FORMATION IN ATTACK.

Fixed rules for movements in presence of, and action against, an enemy cannot be laid down, but the following are to be considered as general principles :—

GENERAL PRINCIPLES.

1. *Movements in presence of the enemy.* All movements, when there is a possibility of contact with the enemy, will be covered by a screen of troops in extended order on the front and flanks, in order to feel for him and to prevent surprise. This screen should be supported by an equal number of men moving in closer formation. These supports should be in the most convenient position, to assist the extended line without being unnecessarily exposed to fire. The distance at which these bodies should move will depend on the strength of the force employed and the nature of the country; but it should be such as to prevent the more closely formed troops in rear being exposed to artillery fire. If the screen and its supports are at any great distance from the main body, a reserve will be necessary. At any moment the extended line may be developed into a formation for attack.

2. *Zones of fire.*—(Same as in Part VIII., except the zones of fire.)

Zone.	Description of fire.	Limits.	Terms applied to ranges.
1	Useful artillery.....	About 3000 to 1500 yards.	Distant.
2	Long range rifle.....	1500 to 800.....	Long.
3	Collective.....	800 to 500.....	Medium.
	Collective and individual	500 to position.....	Decisive.

3. *Distribution.*—Troops allotted for the attack will, when of sufficient strength, be divided into first, second and third lines. The first line, subdivided into firing line, supports and reserves, engages the enemy, and is intended eventually to assault the position. The duties of the firing line are to push forward, as near the enemy's position as possible, and to keep up a well-directed fire on it from the moment such fire becomes effective. The supports and reserves keep the firing line at its most efficient strength, by filling the gaps caused by casualties; protect its flanks by the fire they can bring to bear upon any troops which threaten them, and encourage those engaged in front by the feeling that there is a body of comrades following to assist them. As the decisive stage is approached the supports and reserves become absorbed in the firing line. The second line supports the first line in its attack, and aids it to assault the position if that line is unable to carry it. The third line either completes the success and pursues the defeated enemy, or covers the retreat if the attack is repulsed.

4. *Formations.*—Formations should—(1.) Admit of the

most efficacious fire. (2.) Offer the smallest target to the enemy's fire. (3.) Allow of the use of such cover as may be consistent with a direct advance. Close formations are not practicable against troops provided with modern arms. An extended line, although sufficient to feel the way and to drive in an enemy's scouts and advanced parties, would be incapable of sustained efforts after crossing the space swept by fire. For the attack of a position the front or firing line must be thicker; in the first place, because it will have to bear the brunt of the battle, especially of all counter attacks; secondly, because it must contain such inherent force as will enable it to reduce the destructive effects of the enemy's fire during the advance. When advance in any close formation is no longer practicable, the space must be passed over in greater or less extension, according to circumstances; but troops, especially those intended for the final attack, should not be further extended than is necessary, having regard to the fire of the enemy and the nature of the ground. In misty weather troops may be able to approach within striking distance without departing from their original order. The firing line moves, as a rule, in extended order, though the nature of the ground may render this unnecessary until the second zone is reached. Supports will usually move in line, and in single rank if necessary. Reserves will generally move in line or shallow columns. As usually neither the supports nor reserves can fire without danger to the firing line, they will adopt that formation which is suitable to the ground, and which will enable their leaders to hold the men in hand, while allowing them to advance without confusion, and reinforce quickly when required. Leaders of supports and reserves will choose such formations as are best suited to the ground and the exigencies of the moment. They must never forget that it is their duty to support a particular part of the firing line, and must not allow themselves or their men to lose this direction, while seeking a more protected line of advance. The leader of the second line will, throughout, adopt such formations as are most suitable to the requirements of the moment. Although at long ranges columns facilitate movement, and small columns can utilize ground for cover, yet shallow formations must be adopted before coming under effective fire. The formations adopted by the third line will depend upon the course of the fight.

5. *Strength*—The second line will be ordinarily about one-half the strength of the first, and the third line will ordinarily be about equal in strength to the second line.

6. *Flanking movements*.—The incidents of a battle constantly offer opportunities for these either in large or small degrees, and commanders of fire units must always be looking out how they can best help their comrades' advance by the adoption of large or small flanking movements.

7. *Distances*.—The distances between the three bodies composing the first line should rarely, during any stage of the advance, exceed about 400 yards between each. During the earlier stages of the attack, the second line may be about half a mile from the first, but at the critical moment it must be at hand to support the assault. Success will materially depend upon the manner in which the second line is brought up and thrown into the fight. The third line should be about half a mile from the second in open ground.

8. *Intervals*.—Thirty paces will be preserved between battalions, sixty between brigades, and ninety between divisions.

9. *The Front*.

10. *Fire Discipline*.

11. *Direction*.

12. *Movements to be explained*.

13. *Ammunition Supply*.

THE SQUAD.—GENERAL RULES.

1. The recruit having been thoroughly instructed in squad drill as laid down in Part I, will be taught the principles and practice of working in extended order for purposes of the fight.

2. This instruction should be carried out without hurry and on diversified ground whenever it is available, the teaching being practically illustrated from time to time by the movements of a fire unit of trained soldiers.

3. The following objects of working in extended order must be clearly explained to the recruit:—(a) That all bodies of troops moving when there is the least chance of contact with an enemy should be protected by a screen of men extended at considerable intervals. Its duties are to reconnoitre the country in front, feel for the enemy, clear the way for troops advancing, or protect them from being too closely pressed in retreat. (b) That a closer formation of men is necessary for the purpose of attacking an enemy, the main points to be observed in this formation being the fullest development of firing power, compatible with the minimum of exposure to the fire of the enemy. (c) That at any moment the screen may be changed to a formation for attack.

4. In this part of the instruction, the intelligence of the individual recruit should be developed as much as possible, and, subject to the general directions of his section (or subsection) leader, he should be encouraged to think and act for himself.

5. Instructors will explain that natural or artificial objects and undulations of ground, however small, afford protection to the soldier from the enemy's fire, and will practically demonstrate to the recruit how he should make the best use of any cover available. The move from cover to cover, unless specially ordered to the contrary, must be made in an

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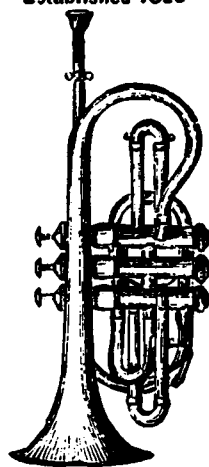
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upright position, in which the movements and signals of the fire-unit leader can be most readily observed. It must be impressed on the recruit that cover is only a means to an end, and that when he has been launched in the attack, he must push forward at all hazards; he must be taught that, when the decisive zone is reached, the chances not only of victory, but of personal safety, are increased by a bold and aggressive attitude.

6. Men in extended order must ever be on the alert for the word of command, bugle sound, or signal, and move as soon as they clearly understand the order.

7. The squad will be instructed with arms and will represent the smallest fire unit. Men in extended order will work in single rank.

Sec. 1. *Extending.*—The extension may be made from any part of the squad.

From No. — to single rank, or to — paces extent. 1. *From the halt.*—All except the front rank man of the named file will turn outwards, step off, and halt, front, as soon as the ordered extension is completed. The rear rank men will move up on the left of their front rank men at the named interval.

2. *On the march.*

From No. —, or from Private — to — paces extent.

3. *Increasing intervals.*—Intervals between men of an extended line may be increased at will. A man will always be named to direct, usually the centre man of the squad. When halted, unless directed to kneel or lie down, the men will stand easy.

Sec. 2. *Closing.*—*On No. —, or on Private — close.*

1. *From the halt.*—As before, except that after halting and fronting, they will stand easy.

2. *On the march.*

On No. — or on Private — to — paces, or to single rank, close. 3. *Decreasing intervals.*

Sec. 3. *Advancing or retiring.*—(No change.)

Sec. 4. *Moving to a flank.*

Sec. 5. *Changing front or direction.*—As before, except it will be change front on Privates —, or on Nos. — and — double, and should not exceed half a turn

Sec. 6. *Firing.*—The necessity for fire discipline must be carefully explained to the recruit. Hasty unaimed fire is worse than useless, being a waste of ammunition, doing no harm to the enemy, and, on the contrary, encouraging him. The necessity, therefore, for care in expenditure must be thoroughly explained. The better the rifle, the more necessary to get the range and take deliberate aim, waiting in collective fire for the command of the fire unit leader. At this stage the instructor must be most careful to see that sights are properly adjusted, and that the rifles are directed upon the named object. The squad will be exercised in individual and collective fire. Fire will be delivered from the kneeling or lying down position as ordered, but the latter position is not to be practised at decisive ranges. A few men will be placed to represent a detaching force, and blank ammunition will be used after the first day or two's instruction.

1. *Firing when advancing.* On the word or bugle sound fire, the extended line will halt, and the selected men, or the entire squad, will open fire in the position, and at the distance and object named by the instructor, who will give the order to advance when the required fire has been delivered.

2. *Firing when retiring.* The selected men or the entire squad will halt, front, and deliver fire as ordered. If a portion only is ordered to fire, the remainder will continue the retirement, the selected men rejoining the general line as soon as they have delivered their fire.

(To be Continued.)

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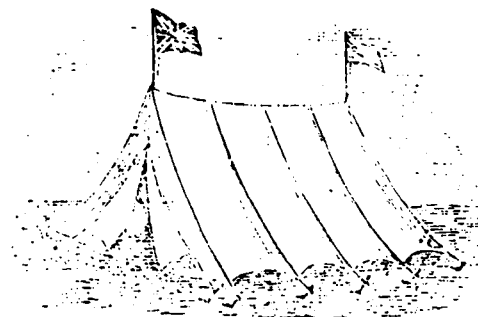
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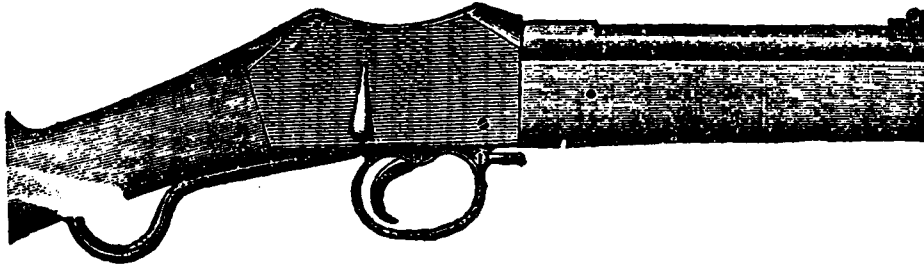
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