

rise or fall at a target of 2 in., and at 1,500 yards of 3 in. The following is a table which shows the approximate dimensions of the "ordinates" at various ranges, for the .303 in. S.M.L.E. rifle and for the .22 in. S.M.L.E. rifle:—

Yards.	.303 in. S.M.L.E.,		.22 in.	
	Mark III.		S.M.L.E.	
	Inches.		Inches.	
200	1.50 (minus)	1.25
500	7.00	4.25
800	15.75	11.50
1,000	22.50	18.00
1,200	31.25	26.50
1,500	48.00	42.50
1,800	68.00	62.00
2,000	85.00	78.25

If desired, a convincing demonstration of the necessity for the "harmonizing" of the sighting of rifles can be carried out on the "before" and "after" principle. The result almost invariably obtained is that the "after" group is diminished in a vertical sense by as much as 30 per cent. to 40 per cent. For this purpose it is convenient to paste a well-defined mark on a picture-target or low down on sky-screen for each series. This harmonization is particularly important for firing at landscape-targets, and may sometimes be of use on active service to detect large errors of rifle. (The above-mentioned methods are obviously only suitable for those who have reached a reasonable standard in aiming, trigger-pressing, and control of nerve.)

APPENDIX E.

PART I.—INSTRUCTIONS FOR REGISTRATION, MEDICAL EXAMINATION, AND POSTING OF PERSONS LIABLE FOR SERVICE IN THE YEARLY QUOTA OF RECRUITS FOR THE TERRITORIAL FORCE AND SENIOR CADETS.

POSTING FOR YEAR 1912.

Stage A, March, 1912.

A NOTICE will be gazetted during March in terms of General Regulations "re posting," paragraph 170, also calling on—

- (a.) All persons who will attain the ages of fourteen to twenty-two years on or before 31st May next who have not already registered to do so. This does not mean that anybody who was over the age of twenty-one last year, when the scheme was put into operation, is affected; the age of twenty-two only refers to those persons who neglected to register last year. A supply of this notice will be sent to each Group Officer in New Zealand in poster form to be displayed on public buildings and conspicuous places.
- (b.) All boys attending any primary school who will attain or have attained fourteen years of age on the 31st May, 1912, or if they remain at such primary school beyond the age of fourteen on 31st May of the year in which they will have or have left such primary school. Registration of boys attending primary schools may be made by school authorities on behalf of the boys.
- (c.) All male persons who have not attained twenty-two years of age temporarily absent from the Dominion, not previously registered, must do so within two months of their return.
- (d.) All male immigrants who are between the ages of fourteen and twenty-two must register within six months after arriving in the Dominion.
- (e.) All male persons who, owing to change of residence, have ceased to reside in an exempted area must register within thirty days of such change of residence to an area not so exempted. If registration has already been made, the person must produce his Record-book to the nearest Area Office.
- (f.) Registration forms may be obtained at any military office, police-station, or post-office, or at schools throughout the Dominion. Such forms must be correctly filled in and posted or handed to the nearest Military Area Office not later than the 31st May, 1912. Requisition should be made at an early date for supply of registration forms required in each Area to supplement the stock on hand if necessary.