

Chapter II.—Continued

The rear sight attached to the Mark III. Ross Rifle contains three different and distinct sights, as follows:—

1. The Aperture Sight, which is used with the leaf raised; the aperture or peep is bored through the movable plate which is adjustable in height by the elevating screw and laterally by the windage screw behind the plate

2. The Battle Sight, which is used with the leaf down, is a fixed sight, not being movable in any direction. It is an aperture sight with the top cut away so that the target can be kept in view and a quick alignment made on it. It is adjusted for a point blank range at 600 yards when using Mark VII. ammunition. At shorter distances the aim must be taken below the target, conforming to the 600 yard trajectory, and wind allowance must be made by aiming off.

3. The Long Range Sight which forms the top portion of the leaf is an aperture sight, of which the top portion of the circle has been cut away. It gives approximately 60 minutes more elevation than the aperture sight in the plate. Using Mark VII. ammunition the following are approximately the variations between the aperture sight in the plate and the Long Range Sight:

With aperture sight set at 825 yards elevation, Long Range Sight gives 1,300 yards elevation.

With aperture sight set at 1,000 yards elevation, Long Range Sight gives 1,400 yards elevation.

With aperture sight set at 1,200 yards elevation, Long Range Sight gives 1,525 yards elevation.

NOTE.—The Long Range Sight should only be used for distances beyond the limit of elevation for the aperture sight.

On the front of the frame opposite the elevating screw of the sight are shown figures which represent hundreds of yards. Opposite the centre of each figure is a line cut in, and when the knife edge of the sliding plate touches the line in the centre of the figure the sight is then set for that particular range in hundreds of yards, but as there may be slight variations or errors in the adjustment of rifles and foresights, each individual rifle should be tested on the range separately and its error of range noted on the fine adjustment scale on the right hand side of the frame.