

8. With the most ordinary attention and intelligence there can be no erroneous signaling, for there can be only one shot hole uncovered at the same time. During the shooting at these targets no signal was questioned, nor was a serious doubt expressed as to the correctness of any signal made.

9. The markers were much more comfortable while in the performance of their duties than in the old covered pits or mantlets; they were, therefore, both able and willing to do their work effectually. There was a free circulation of air, and they were sheltered from the weather whether it was the heat of the sun or rain.

10. The whole of the working and expensive parts of the target are protected from the missiles, and are therefore safe from the damage from that source to which the old targets are so much exposed.

11. The marking on the whole was much quicker. The time required for changing the targets from one class to another does not necessarily exceed one minute. It can be effected by one man if necessary, though, of course, more easily by two.

Signaling.

The following method of signaling the hits was used at Ottawa last September:

A supply of discs, made in sets, of common pasteboard, covered with paper of the proper colour, were given to each marker. Those for the small targets were about six inches in diameter; those for the large targets about ten inches. To the centre of, and at the back of each disc, there was fastened a common wire hook—large wire curtain hooks were used—by means of which the disc representing the value of the shot to be signalled was hooked into the hole in the target made by it, where it—the disc—remained until another hit was made; the proper signal was then placed on the new hit, and a patch pasted over the previous one.

In this way the disc, by its colour, signalled the value of the hit, and at the same time shewed, approximately, the place hit. The discs were very little damaged by being hit by shots