

Judging Distance.

The probable error to be expected in judging distance is 15%. With the aid of range cards this may be reduced to 10%. The probable error to be expected from range finders is 5%.

Aids.—The barley-corn pattern foresight covers a man

Standing, at about ..	600 yards
Kneeling, at about ..	300 "
Lying, at about ..	200 "

The knife blade pattern foresight covers a man

Standing, at about ..	400 yards
Kneeling, at about ..	250 "

Another method is to decide mentally the maximum and minimum distance, then to take the mean as correct.

For long ranges endeavour to locate a point about half way, then another point at half that distance, and so on until you obtain a unit of measure that you can estimate the distance of.

When the flash of a rifle is visible it is useful to remember that sound travels at 1100 ft. per second, therefore every beat counted (at the rate of 11 beats in 3 secs.) will represent 100 yards of range from the flash.

Distance is Underestimated.

Looking over featureless country.
Looking upwards and downwards.
In bright and clear atmosphere.
When sun is behind the observer.

Distance is Overestimated.

Looking over broken country.
When kneeling or lying.
Looking over a valley.
Looking down an avenue or defile.

NOTES RE FIELD MESSAGES, REPORTS, ETC.

Messages should be addressed by the title of the unit in the accepted abbreviated form, viz:—To O.C. 3rd. Bat. N.Z.R.B. The writer is held responsible that any unauthorised abbreviations are understood.

Names of places and persons should be written in block capitals. Numbers should be written in words. Full stop AAA. The hour of 12 should be followed by "noon" or "midnight." A night should be thus described:—Night 23/24 Sept. When bearings are given they should be true bearings, and so stated. Any words of an indefinite nature, such as "dawn," "dusk," "should," "may," "if possible," should be strictly avoided.

Messages should be clear, concise, definite, relevant, accurate.

In reporting on an enemy, it is of vital importance that information be given in the following respects, viz:—

- Place from which the observation is made.
- Time of the observation.
- Approximate position of the enemy when seen.
- His approximate strength and composition.
- His formation and the direction of his march.

It is of much greater importance that a message should arrive in time than that it should be long or elaborate.

Be sure to retain a copy of your message.