

To determine the distance to the target (Tank), the following formula should be applied: $D = B : N \times 1000$

B - the known size / dimensions of the target

N - scale reading



The probable width of the tank at this angle is 8 metres while the scale reading is 25... so the distance to the tank is:

$$D = 8 : 25 \times 1000 = 320 \text{ metres}$$

(in order to convert metres into Yards 320m should be multiplied by 1.1

$$320 \times 1.1 = 352 \text{ Yards})$$