

(b) Eqpt Design and Specifications

A design has been completed for Siting Sets GL Mk III C and instrs have been issued.

DEVELOPMENT OF VEHS AND SMALL ARMS (Week ending 17 Jul)

21. (a) AFVs

- (i) Deadman's Switch on Ram Tk - This switch, operated by a mushroom handle, closes the butterfly valve in engine air-intake, thereby stopping the engine above 1500 rpm though not completely at lower speeds. However, the design shows possibilities and further development is proceeding.
- (ii) Stowage of Grizzly I - Stowage has been investigated, namely:
- The position of the bin on hull rear to carry added stowage, of greatcoats, valises, etc.
- The position of Helleson lamp.
- Interchangeable clips for the SMC and TMC
- (iii) Exhaust Smoke Emitter - A model for the Ram Tk has been completed for shipment to UK.

(b) Proving Ground

- (i) Temperature Tests - Bogie Tires - Four types of tracks have been temperature tested and results are being analyzed.
- (ii) Electric Brake QF 25-pdr - General performance trials have been completed.

(c) Design

- (i) 6-ton Load Carrying Semi-Trailer for British Use - Tests with the trailer unladen have been completed. The train operated successfully and proved stable throughout trials.

ARTY (Week ending 17 Jul)

22. (a) Coast Arty

- (i) Bty Range Finding Systems - One PF "E" Mk II and two sets of NRC Watkin dials have been received at Prince Rupert for Barrett Bty. A third set of NRC dials has been forwarded to Prince Rupert from Esquimalt.
- (ii) Tables, Fire Direction - A Table, Fire Direction Mk III B received in Halifax, is to be shipped to Esquimalt for Albert Head Bty.
- (iii) Armament - A BL 6-inch Mk VI Mtg has arrived at Esquimalt for Mary Hill Bty.
- (iv) AMTB Sights for 40-mm Eqpts in CA Role - A revised pilot model of AMTB Wheel course and speed sight has been completed. A trial installation has been carried out.