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C181591

33. A & B VEHs AND SA

(a) SA

Lightened Base Plates for 3-in Mortar

High Tensile Steel Plates - Ord Board trials proceeding in the UK Proof trials still continuing in Cda.

Pilot models of this type of plate, weighing 23-24 lbs are being despatched as follows:

UK (with NDHQ rep) for trials	- 1
CAS Washington for US War Dep	- 1
CAS Washington for Aust	- 2
Continuing trials in Cda	- 2

The manufacture of a further ten pilot models is held in abeyance pending the procurement of a special steel plate.

Magesium Alloy Plates - User trials have not been held as yet. Proofing trials still continuing in Cda.

(b) Wh and Tracked Vehs

- (i) Jungle Tracks - Del of first tracks of pilot order for 40 sets expected to commence about the middle of Aug. Tracks being constructed in the US, namely, 7.50 duals, 14.00 duals and 14.00 singles have been completed and are to be shipped to US Engr Board for trials.

Trials at Yuma, Arizona with 10.50 single size sent from Cda at request of US have been completed and further trials are underway in Louisiana. Orders have been received from UK for 50 sets of track in the 10.50 single size, and 150 sets in the 9.00 size. Some experimental shoes have been cast in the 9.00 dual size using a newly developed technique. It is probable that the UK order for 150 sets may be manufactured with cast shoes throughout.

(ii) Tracked Jeep

Mk 1 Armoured - A Pilot Model of the Mk 1 Tracked Jeep equipped with lt alloy bogie whs is undergoing trials at the Proving Ground, Ottawa.

Mk 2 Unarmoured Load Carrier - The first Pilot Model of the Mk 2 is expected to be completed approx 5 Aug 45.

- (iii) Amphibious Jungle Veh (Mudcat) - Preliminary rd trials of the first re-designed pilot model have been carried out and minor modifications were found necessary; these have now been completed.

- (iv) Amphibious Load-Carrying Veh (Muskrat) - Completion of first pilot model is held up pending results of trials of certain components on the Mudcat.

- (v) Tracked Trailer for (iv) above - Constr of the re-designed trailer is proceeding.

C181235