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2 February 1945.

ETO/2

ORDNANCE TECHNICAL INTELLIGENCE REPORT No. 137.

SUBJECT: German Technical Intelligence Want List of Allied Equipment



1. Attached as an inclosure is a translation of a German Want List for captured Allied Equipment, undated, office or headquarters of origin unknown. This document appeared in the G-2 Periodic Report No. 26, XVIII Corps (AB) and was forwarded to this office by 6th Army Group.

2. It is believed this document is of interest in that it indicates not only activity of Enemy Technical Intelligence in Ordnance, Signal and Engineer equipment, but by virtue of the items listed, an estimate of the enemy's knowledge of our equipment may be inferred. Further inference may perhaps be drawn as to the comparative efficiency of our own equipment, and trends of German development.

For the Chief Ordnance Officer:

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E.O. 12065, Sec. 3-402
NNDG 745074

By Pernell Date 10-2-79

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Incl.:

A List of Allied Equipment The Enemy Wants

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ALLIED EQUIPMENT THE ENEMY WANTS

(1) Weapons - Characteristics to be noted:

- | | |
|----------------------|-------------------------------------|
| (a) Caliber | (e) Sighting mechanism |
| (b) Length of barrel | (f) Protective shield |
| (c) How mounted | (g) Caissons |
| (d) Weight | (h) Diameter of wheel, type of tire |

(2) Ammo:

- (a) AT, Smoke
- (b) Stabilization of projectile
- (c) Type of fuze
- (d) Propelling charge
- (e) Shell casing
- (f) Marking of Ammo.
- (g) Firing tables and other basic firing principles. Note: Higher Hq 3/Army High Command Ord Dept must be notified by telegraph, immediately concerning duds, parts thereof, or other captured Ammo.

(3) Inf Weapons and Ammo:

- (a) 7.62 mm or 12.7 mm "volkerrechtswidrige" Ammo (SA HE bullets which violate international law).
- (b) 7.62 mm cartridges with 0.5 cm powder charge (300 wanted).
- (c) Rifle with telescopic sight.
- (d) Smooth bored Inf'wpns.
- (e) K-Gun (MG whose rate of fire resembles MG 42".)
- (f) Sten M P Mk I, Mk II, Mk III, and Ammo for them.
- (g) Flare pistols for day and night.
- (h) Flame-oil rifle grenade (British).
- (i) Close-combat pistol with finned Ammo (not Piat or Bazooks)
- (j) 76.2 concrete grenade - concrete shell (40 cm long, range, 1825 meters. Concrete fragments irregular).
- (k) 10.67 cm Minethrower (British) - 4.2" - 10.7 cm Mortar shell. weight - 20 lbs - 9.672 kg. Range 4000 meters.

(4) AT Wpns and Ammo:

- (a) 4 cm (2pdr) armor piercing Ammo (100 wanted).
- (b) AT Grenade launcher (British and American) 5 cm or 8 cm.
- (c) 75 mm SP AT Gun (I/45) performance, Ammo.
- (d) 76.2 mm (3") SP AT Gun (Naval) - Superior to M-10 as AT Wpn.
- (e) Piat AT Wpn 789 (British) caliber 85 mm:
 - (i) New fragmentation grenade 68
 - (ii) New HL Grenade 30.5 cm long, oval shape: supposedly can pierce Tiger Tk at 70 m and a 30.5 cm thick concrete wall at 275 m.
- (f) Rapid Fire AT Rocket.
- (g) AT incendiary shell (British). Known characteristics:
 - (i) sprays phosphorous after piercing Tk.
 - (ii) sprays phosphorous on outside of Tk; fire spreads to inside of Tk through eye slits.
- (h) Sticky bombs.
 - (i) HL Ammo
 - (ii) Observed?
 - (iii) Effect.

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(5) Arty Wpns and Ammo:

- (a) 75 mm gun with Ammo used against peep-holes in bunkers. Shell approx 30 cm long.
- (b) 8.76 cm (25 pdr) (British Bishop) "K.H.L./28 SF".
- (c) 11.4 cm (45 pdr) cannon (British).
- (d) 11.4 cm (45 pdr) gun (American).
- (e) 14 cm (55 pdr) How L/31 (British).
- (f) 155 mm How.
- (g) 155 mm Gun M-18 M-1, L/38 SP (American)
- (h) 155 mm Field gun M-4, L/45 (American)
- (i) 17.8 cm or 18.2 cm gun (British)
- (j) 20.3 cm (8") field gun M-20, T-2 (American)
- (k) 20.3 cm How (British) new model replacing 5 Cl.
- (l) 20.3 cm field gun M-41 (American)
- (m) 24 cm field How M-41 (American)
- (n) Smith cannon (British). Look for:
 - (i) How fired?
 - (ii) Elevation and traversing mechanism.
 - (iii) Number of men in gun crew?
 - (iv) It is recoilless or does it operate like a mortar?
- (o) British incendiary grenade filled with phosphorous or flame oil.
- (p) "Shock shells".
- (q) Practice grenades - 25 lbs.
- (r) Concrete grenades without steel casing, strong shrapnel effect.
- (s) **Tracer Ammo.**
- (t) High trajectory-slide shell.
- (u) "Ropeladder" (Strickleiter) Ammo.
- (v) Delayed action shells.
- (w) Any parts of Arty shells for examination.

(6) Miscellaneous:

- (a) Any knowledge of recoilless guns (light pieces).
- (b) Rocket AA Wpns.
- (c) Fragments or parts of all British and American Arty pieces for examination as to make, year, and alloy used.
- (d) Yellow smoke signals (British) (Several Wanted).
- (e) "Harry Burns" slide rule (American) for FA firing.

(7) Tanks-British:

- (a) Light Tk transported by Hamilcar glider.
- (b) Centaur ("probably Cromwell") with short 75, fully tracked.
- (c) Humberette.
- (d) Humber.
- (e) Daimler.
- (f) Md VII Totrach.
- (g) A.E.G.
- (h) Churchill III.
- (i) Mine clearing Tk or Scorpion, obsolete Mathildas or Valentines.
- (j) Mine clearing Crab-Sherman chassis.

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(8) Tanks American

- (a) Alligator - amphibious Tk carrying 30 men.
- (b) Buffalo LVT amphibious Tk carrying 20 men.
- (c) M-1
- (d) M-4, M-2.
- (e) M-3 Ram.
- (f) M-3a1 "Scout car".
- (g) M-5 Commando or M-521
- (h) M-7 Priest.
- (i) M-8 similar to M-5 Commando
- (j) M-9 or M9A1.
- (k) M-11.
- (l) M-12 Long Tom
- (m) M-6 Dreadnought.
- (n) M-621
- (o) M-14
- (p) M-6 Staghound
- (q) M-8 Greyhound
- (r) Ourischian built Otter car.
- (s) TD with 3" Naval gun, superior to present M-10.

(9) Wheeled Vehicles and other Equipment-British and American:

- (a) New motorcycles.
- (b) Armd Car "Pygmy", jeeps, etc.
- (c) Amphibious Armd Cars.
- (d) Airborne vehicles, various types of landing gear; for example: under-slung pneumatic boats.
- (e) Trk with water cans, pump, mbl electrical equipment.
- (f) Studebaker trk, 3-axelled.
- (g) Ambulance
- (h) Trk with winch.
- (i) Tk-carrier and recovering machine.
- (j) Tow-Trk, crane and repair equipment.
- (k) Trk-trailer coupling.
- (l) Synthetic rubber tire.
- (m) American medium prime mover, fully tracked, for 155 mm gun
- (n) Chrysler trk, Tk or prime mover for dismantling and examination of material.

(10) Engineer Equipment:

- (a) Mines of all types.
- (b) Flamethrowing tks.
- (c) Bailey Bridge - photographs first.
- (d) Inglis Bridge - photographs first.
- (e) Mine-detection apparatus, flail Tks.
- (f) Track-destroying equipment.
- (g) Rope-ladder which is fired against a steep incline and rolls out of the shell.

(11) Signal Equipment:

- (a) Complete inter-communication system from captured Tk, especially earphones and microphones.

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