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HEADQUARTERS
COMMUNICATIONS ZONE ETOUSA
OFFICE OF THE CHIEF ORDNANCE OFFICER
AFO 887

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12 March 1945

ETO ORDNANCE TECHNICAL INTELLIGENCE REPORT NO. 178

SUBJECT: German Armored Vehicle on French Half-Track Chassis.

Observations by: Lt. R.L. Engelert and T/5 H. Jacobson, Ord.
Tech. Intell. Team No. 3

1. General:

A German armored vehicle built on a French half-track chassis was encountered in the Third U.S. Army area. Provisions for mounting radio equipment and the presence of three aerial bases on the top suggest that the vehicle is used as a C.P.

2. Chassis:

The engine and chassis appear to be those of a French Unic half-track. The engine is a four-cylinder, water-cooled gasoline engine.

A roller, 24 inches long and 17 3/4 inches in diameter, is installed on the front of the vehicle. (Photos 1 and 2, Appendix "B")

3. Body:

The body of the vehicle is of welded construction. Thickness of the armor plate is 1/4 inch.

Both the driver and assistant driver are provided with two vision ports with hinged flaps, one for forward vision and one for side vision. (Photo 2, Appendix "B")

Entrance to the vehicle is made through an opening in the rear. (Photo 3, Appendix "B") This opening is 35 inches high and 25 inches wide. There was no door on the vehicle examined.

A large hatch is provided in the top of the body. Two half-doors, each measuring 26 inches wide and 32 inches long, are hinged at the outer edge. (Photo 2, Appendix "B") Two studs, 4 3/4 inches high and 1 3/16 inches in diameter, are welded to the top. One stud is 6 inches ahead of the hatch and the other 6 inches to the rear. These appear to be the only possible places for mounting machine guns. The crew compartment from the back of the driver's seat to the rear entrance is 7 feet in length. A seat runs the entire length of the left side of the compartment.

4. Equipment:

A framework made of half inch pipe is installed at the right rear of the working compartment. This framework serves as a support for four mounting frames of the type used for radio equipment. The layout of the framework is shown in the sketch in Appendix "A".

Markings on the framework were as follows:

- (a) Nameplate: "AEG - Berlin, Paul Linke & Co., Berlin
Tempelhof, Ringbahnstr 52"
- (b) Printed on top left of frame: "FLOUE"
- (c) Printed on top right of frame: "F2OUS"

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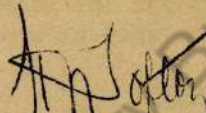
Three antennabases were installed on the top of the vehicle, one at the right rear and one on each side toward the front of the compartment. (Photos 1 and 2, Appendix "B")

No equipment other than that mentioned above was found with the vehicle.

5. Dimensions:

Overall length..... 19 ft.
Overall width..... 6 ft. 6 in.
Overall height..... 7 ft.

For the Chief Ordnance Officer,


H.N. TOFTOY,
Col., Ord. Dept.,
Assistant.

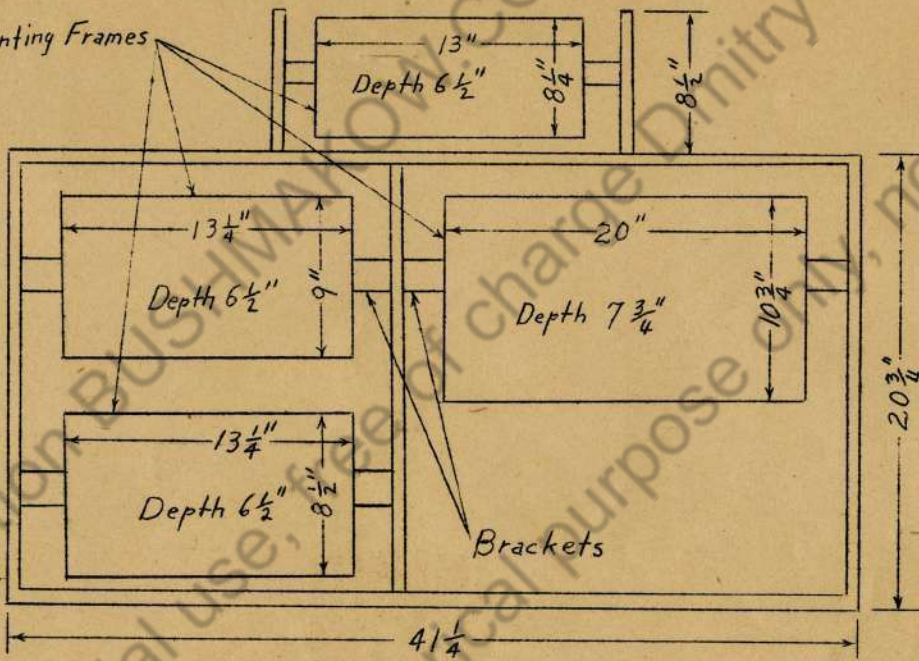
Inclosures:

- Appendix "A"...Sketch of Frame for Mounting Radio Equipment.
- Appendix "B"...Photos 1, 2 & 3.

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APPENDIX "A"

Radio Mounting Frames

Framework made
of $\frac{1}{2}$ " pipe
Depth of frame
is $9\frac{3}{4}$ "



FRAME FOR MOUNTING EQUIPMENT

Appendix "A"
Report No. 178

RESTRICTED
-3-



Photo No.1: Armored vehicle on French half-track chassis.



Photo No.2: Right Front View showing observation hatch in the top and vision ports for driver and assistant driver. Note antenna bases at each side and right rear of top.



Photo No.3: Rear view showing entrance opening. Note compartment below body (lower center).





