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SUBJECT Electric Nautical Instruments Manufactured by the RFT

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THIS IS UNEVALUATED INFORMATION

1. Electric Pitot tubes

At the beginning of November 1951,

the RFT** was now manufacturing electric nautical Pitot tubes ("Stevenstandruck-messgeraete") and that the first ship in which an electric Pitot tube was to be installed would be a fishing escort vessel. Installation was planned in the near future. However, neither the RFT nor the Schiffsreparaturwerft had the technicians capable of calculating the exact spot in the hull where the outlet required for this type of equipment must be placed. It was necessary, therefore, to experiment by trial and error by drilling a series of holes in the hull until the correct spot was chanced upon. The principle employed in an older model manufactured by Siemens und Halske has been used in this equipment.

2. Electric engine room telegraphs

electric engine room telegraphs were also being manufactured by the RFT. The first ship which was to have been fitted with this equipment was the Russian m/s POBEDA. However, as the electric engine room telegraphs manufactured by the RFT were only fitted for two transmitters and the POBEDA required three, the POBEDA had to await the arrival of Russian equipment. The electric engine room telegraphs manufactured by the RFT work on alternating current through a transformer and are copies of an older model produced by Siemens und Halske.

3. Echo sounders

At the beginning of November 1951,

only capable of producing echo sounders which worked to a depth of 200 meters. firm was

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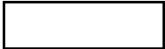
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Attempts to construct echo sounders which worked to a depth of 1,000 meters had to be abandoned for the time being

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Another difficulty encountered was the delay in the manufacture of oscillators, as the required nickel could not be obtained.

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Comment: Probably Hochseeschiffbau Schiffwerft Wismar VEB.

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** Comment: The specific plant in the RFT is not indicated.

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