

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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S E C R E T

COUNTRY	East Germany/USSR	REPORT	
SUBJECT	1. Ships for the USSR at Rostock Shipyards 2. Production of Marine Radar and Marine Computers in East Germany	DATE DISTR.	3 August 1955
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This is UNEVALUATED Information

SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

1. Rostock

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a. KUBAN:

- (1) This ship is now ready to commence sea trials which will take approximately four weeks. The ship will anchor each night off Warnemuende. She is not expected to pass east of Ruegen Island or Bornholm. Representatives of firms connected with her re-fitting will be on board during her trials.
- (2) Some trouble has been experienced with the injectors (Duesen) on her main engines.
- (3) The ship is fitted with 220 volts DC with 24 volts alternative emergency supply.
- (4) The ship's telephone system is not equipped with automatic dialing.
- (5) There are two master gyros.

b. KASTOR:

- (1) This ship is to be fitted with the same degassing equipment as that in the KUBAN. It will be made by the VEB Werk fuer Signal- und Sicherungstechnik, Berlin-Treptow.
- (2) An elementary form of order indicator is to be fitted for passing emergency wheel and engine orders. It consists of a box containing red, green, and white lights indicating port, starboard, and amidships, with additional lights indicating ahead, astern, and stop.
- (3) Three ammunition elevators have been built to carry a load of projectiles up to 180 kgs (including the cage) at a speed of 20 m per minute. One is to have a path of 8 m, another of 12 m and the third of 26 m.

2. Production of Marine Radar

Production of radar apparatus, mainly if not entirely marine radar, began on 1 June 1955 at VEB Funkwerk Leipzig-Plagwitz. No further details are available.

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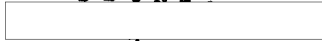
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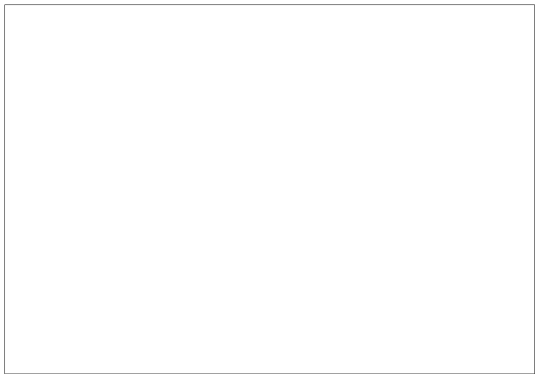
3. Marine Computers

- a. A small firm known as Obriegat & Weindling, Oranienburg, has been nationalized following the arrest of its two directors for tax evasion and violation of East German financial laws. The firm is now known as VEB Elektro-Apparatebau K. The present specialist workmen staff of 30 is to be increased to 175.
- b. This firm is to develop and produce a fire control equipment. Little is yet known of details except that the ship's own course and speed, enemy course and speed, range, bearing, and the wind speed are to be fed in to produce gun bearing and elevation.
- c. The equipment is to be based on the present computer supplied by the Russians for use in the Seepo, with the cooperation of an unidentified East German professor who is stated to have been an expert on wartime German fire control. The present Soviet computer in use by the Seepo is stated to be too inaccurate.

4. Personalities

(fnu)

Loeber/is the responsible specialist at the Zentrales Konstruktionsbuero fuer Schiffbau. All blue prints have to be checked by this department before being passed to the various ship-building yards or subcontractors.



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