

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	East Germany	REPORT NO.		25X1
SUBJECT	1. Funkwerk Koepenick Production and Personnel 2. Werk fuer Fernmeldewesen HF (OSW) Production	DATE DISTR.	16 July 1953	
DATE OF INFO.		NO. OF PAGES	5	25X1
PLACE ACQUIRED		REQUIREMENT NO.		
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A. Funkwerk Koepenick VEB1. Radar developmenta. Anti-collision equipment (Kollisionsschutzgeraet) (ZAFT K2-35)

- (1). The apparatus, designed to work on 3.2 cms., has provisionally a paraboloid reflector, of rectangular, 50 x 150 cms, cross-section. Radiating into this is a horn antenna (Hornstrahler) of rectangular cross-section tubing (Hohlrohr) and funnel-shaped at the end. The beam concentration (Buendelung) is 15° vertically 1.5° horizontally. This is not necessarily the final form of the serial array. The problem of rotation has not yet been finally solved.
- (2) The necessary klystrons are scheduled to be supplied by the Werk HF, but this plant is not able to make deliveries for a long time. Government permission is, therefore, being sought to purchase the klystrons from the West.
- (3) At the beginning of January 1953, Hesche¹ announced that it could supply a permanent magnet, giving a field strength of 5,000 gauss in an air-gap of 16 mm.

b. Other radar

No other radar development or construction is known to be taking place in the Funkwerk, nor is any known to have occurred in the last two years.

2. Radar camouflage work

No work in this field is known to be taking place in the Funkwerk or to have taken place in the last two years.

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STATE	x	ARMY	x	NAVY	x	AIR	x	FBI		AEC		ORR	Ev	x	OSI	Ev	x
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(Note: Washington Distribution Indicated By "X"; Field Distribution By "#").

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3. Factory expansion program

The extension to Funkwerk Koeppenick, planned on the Wendenschloss Strasse site, is for additional space for already existing departments. There will also be rest and canteen rooms for the "creative intelligentsia".

4. Echo-sounding apparatusa. Hafeneinfahrtsgeraet oder Rundstrablecholot

(Harbor entrance underwater sounding device or circular depth sounding apparatus).

An apparatus that could be used for this was developed in 1952 under the name Echolot or Echograph (ELA-10). This was developed for detecting herring schools or for sounding. Maximum accuracy = ± 0.5 m.

b. Flachlot. No apparatus with greater discrimination than ELA-10 is known in the works.

5. Television transmitter development

a. Willi Zeletzki has received a task to build a 30 KW TV picture transmitter for 41.75 mcs, by the end of 1954. Antenna and filter will be developed by Dr. Erich Schuettloeffel.

b. A task to build a corresponding 48.25 mcs speech transmitter has also been given to the Funkwerk.

6. Specialists returned from the USSR

The following specialists who have returned from the USSR are known to be employed in VEB Funkwerk Koeppenick. In each case the information is arranged as follows:

Name

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Boehme, fnu

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Coenen, Hubert.

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Fleischer, (either Alois or Hans)

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Grimm, Wilhelm, Dipl. Ing.

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Hanske, Siegfried

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Hintze, Guenther

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Juert, Johannes

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Koenig, fnu

No further details

Krueger, Anton

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Manthey, Rudolf

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Matern, Kurt

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Mund, fnu (possibly error for Munte, Heinz F)

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Oertel, Wilhelm

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Reidt, Fritz

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Note: Was in Werk "HF" (OSW) until September 1952.

Riedel, Otto

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Schmidt, (probably Hermann)

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Schuettleffel, Erich, Dr.

[REDACTED]

Sentz, (possibly Heinz - no other man of this surname recorded but the date of return appears incorrect for Heinz)

[REDACTED]

Trautmann, Fritz

[REDACTED]

Zeletski, Willi

[REDACTED]

[REDACTED]

B. Werk fuer Fernmeldewesen HF (OSW)

On 9 February 1953 the plant management at Funkwerk Koeppenick circulated the following notice:

*In answer to our enquiry, Werk HF states:

ILLEGIB

We are occupied with the development of miniature tubes. Tube ECH-81 will be ready for delivery in the next few months. EF-85, EABC-80 and EBF-80 will be available at the end of the second quarter 1953. From the third quarter 1953 onwards, the last-named will be in production in large quantities...

1. Comment: This is presumably the Elektrokeramisches Werk Mesche-Kahla, Hermannsdorf.

2.

[REDACTED]

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