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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	East Germany	REPORT	[Redacted]
SUBJECT	RFT Funkwerk Kopenick Production and Personnel	DATE DISTR.	13 April 1954
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This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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- The VEB Funkwerk Kopenick is administratively subordinate to the Main Administration for Electrical Engineering of the Ministry of Machine Construction (HV Elektrotechnik of Ministerium fuer Maschinenbau). Development tasks reach it, however, through the Main Administration for Radio (HV Funk) of the Ministry of Posts and Telegraphs. The HV Funk is responsible technically and for voting the money for the tasks.

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- The main event of the past two months in the plant, in the opinion of at least one employee, was the departure to [Redacted] of Dipl. Ing. [Redacted]. This is not officially mentioned, but it has had a considerable effect; one major task has been suspended and others have had to be given to other specialists to finish.

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- The navigational equipment task, on which [Redacted] was working, has been suspended.

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- [Redacted] large station receiver (Grosstationsempfaenger) development task has been taken over by [Redacted]

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- [Redacted] research projects of an automatic alarm receiver, a test receiver, and a goniometer direction finder have been taken over by [Redacted]

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3. Radar development

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- Dr. Erich Schuettloeffel is now ultimately responsible for the development of the anti-collision apparatus (Kollisionsschutzgeraet), the only radar development task in the works.

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25 YEAR RE-REVIEW

STATE	<input checked="" type="checkbox"/>	ARMY	<input checked="" type="checkbox"/>	NAVY	<input checked="" type="checkbox"/>	AIR	<input checked="" type="checkbox"/>	FBI	<input checked="" type="checkbox"/>	AEC	<input type="checkbox"/>	ORR Ev	<input checked="" type="checkbox"/>	OSI Ev	<input checked="" type="checkbox"/>
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b.

The maximum range of the Koepenick anti-collision apparatus has been conceived as 15 kms. However, the whole apparatus was tested in January for about two hours. During this time the antenna was erected on the roof of the Funkwerk. [redacted] that [redacted] achieved ranges of up to 30 kms. For a minimum distance, the group working on this apparatus were thinking late last year in terms of 300 meters. They were considering ways of reducing this to 75 meters, if at all possible.

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- c. Present efforts with this apparatus are directed towards an attempt to increase the bandwidth of the IF amplifier, to get a smaller pulse width.
- d. It will be remembered that it was suggested earlier last year that the weight of the apparatus be reduced. This has been done as far as possible. For example, a permanent magnet has been supplied for the magnetron.
- e. It is said by the team working on the apparatus that Funkwerk Koepenick will later manufacture a pilot series of these apparatuses. Series production would take place elsewhere, but it is not known where. A pilot series in the Funkwerk usually consists of 10 items, although it is not certain that that will apply in this case.
- f. The Russians have not visited the plant recently in connection with the radar or anything else.
- g. No more talk about any other radar development task has lately been heard in the plant.

4. 1954 tasks

These have not yet been allocated to the works.

5. Navigational equipment

In connection with the navigational equipment task now suspended (see above), the works was listening in to the [redacted] This was for two reasons:

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a. Although some details have been published, everything is not known in the East [redacted]

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b. The Funkwerk planned to build a test receiver first for the transmitters that it planned to construct; it was adjusting this receiver [redacted]

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6. Funkfeuer (radio beacon) and Funkleitfeuer (radio control beacon)

a. The previous report that Funkfeuer had been installed at Sasnitz was wrong and based on a misunderstanding between the two rather similar words. In fact, Funkleitfeuer was installed there. It was later withdrawn and returned to the Funkwerk for adjustments.

b. Funkleitfeuer works on about 300 kcs, being tunable from 286 to 312 kcs.

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7. Interception device (Horchempfaenger)

In early 1953, the State Planning Commission placed an order in the Funkwerk for the development of an interception receiver. Hintze was to be in charge. After some discussion, the order was withdrawn by the Commission, and there was some talk then of placing it in 1954. Nothing more had been heard of this up to the end of January 1954.

8. Miscellaneous

- a. The large station receiver mentioned in para 2 (c) above is for the East German News Agency (ADN). It is a single side-band commercial set.
- b. Walter Heine, formerly engaged in transmitter development work, has recently replaced Kurt Pfeil as Technical Director of the works. Pfeil's whereabouts are not known.
- c. Nothing is known of any panoramic receiver work of any kind in the Funkwerk.²

d.  the plant was to assemble 30 Michael type decimeter sets for the Volkspolizei. Parts were to be supplied by Floha (phonetic spelling). 

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