

CENTRAL INTELLIGENCE AGENCY  
INFORMATION REPORT

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SECRET

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COUNTRY **East Germany**

REPORT [Redacted]

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SUBJECT **VEB Funkwerk Koenpnick  
Development Projects**

DATE DISTR. 26 July 1955

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NO. OF PAGES 2

DATE OF INFO [Redacted]

REQUIREMENT [Redacted]

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PLACE ACQUIR [Redacted]

REFERENCES [Redacted]

DATE ACQUIR [Redacted]

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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Broad-Band Transmitter Antenna

1. In the summer of 1954, Department TEA of VEB Funkwerk Koenpnick began the development of a transmitter antenna for the frequency range of 40 mcs to 220 mcs to be used in passenger automobiles. The development work was started upon receipt of an order from the East German Ministry of the Interior. The development was carried out under the supervision of Dipl. Ing. Rudolf Kuehn and Ing. Arndt (fnu) of Department TEA.
2. By late May 1955, this development had not resulted in any satisfactory progress. The broad frequency range required for the antenna made it necessary to use a relatively high number of filter chains. This in turn caused a difficulty in that the chains interacted with each other and thus essentially increased the m-factor (coefficient of stationary waves). The development is continuing, but satisfactory results are not to be expected in the near future.

Alleged Jamming Transmitters

3. At an unspecified time in the past, Department TES of VEB Funkwerk Koenpnick began the development of mobile transmitter stations for the medium-wave range, with 800-watt power. This development was started upon orders of the Volkspolizei. The transmitters are to be tunable within the entire medium-wave range by means of coil changes (four times). Each mobile station is mounted on four vehicles: the first vehicle carries the power supply; the second vehicle carries the control transmitter, the low-frequency and high-frequency amplifiers, and the modulator; the third vehicle carries the final stage; and the fourth vehicle carries the antenna.

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4. It was alleged that these transmitters were to be used as jamming transmitters.

Magnetophone Device for Home Use

5. In the summer of 1952, VEB Funkwerk Koeppenick began the development of a magnetophone device for home use (Heim-Magnetophon). The development was started upon receipt of an order from HV Funk of the East German Ministry for Post and Telecommunications. The development was completed in late 1954. The frequency range of the device is 80 cs to 7.5 kcs. The development work was carried out in the Acoustics Department of the enterprise.
6. Production of this device is to be carried out by VEB RFT Zwoenitz and is to start in July 1955. By late 1955, the first devices are to appear on the market at a price of 675 DME. The device is an imitation of a magnetophone device produced by the West German Grundig firm.<sup>2</sup>

Comments:

1. Possibly Rudolf Ahrendt, TEA, is meant.  
2. Grundig GmbH, Fuerth, Bavaria.

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