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CENTRAL INTELLIGENCE AGENCY

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SUBJECT Funkwerk Koepenick Hubertus Transmitters

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THIS IS UNEVALUATED INFORMATION

[redacted]

1. Two half-twin transmitters are now located in the Hubertus area at Mahlsdorf near Berlin. One of them is being overhauled; parts in need of repair are taken out and temporarily replaced while the repair work is carried out at Funkwerk Koepenick. The other half-twin was recently completed by Funkwerk Koepenick.

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25X1

2. There are two antennas for the operation of the two half-twins. They are erected in a line which runs roughly east-west. Each antenna is connected with the transmitter house by a main power line and/or cable and a reserve cable. An alternating switch (Antennenwahlschalter) is located in the basement of the transmitter house. This switch permits the following connections:

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a. Half-twin 1 connected with antenna 1;

b. Half-twin 1 connected with antenna 2;

c. Half-twin 2 connected with antenna 1;

d. Half-twin 2 connected with antenna 2;

e. Half-twin 1 and half-twin 2 connected together with antenna 1 (in this case increased output around 500 KW);

f. Half-twin 1 and half-twin 2 connected together with antenna 2 (500 KW).

3. Only one of the power cables is in good operational condition at present. Therefore, only the westernmost antenna is being fed at present. The easternmost antenna is acting as a radiation coupled reflector in order to produce a directional effect to the west. The phase tuning of the reflector antenna is so bad at present, however, that the maximum directional effect is not toward the west but more toward the north, in the direction of Schwerin. The plan to send propaganda broadcasts in a westerly direction has thus far backfired, and the actual result of the above-mentioned arrangement has been to disturb the 20-KW transmitter in Schwerin. Erich Schuettloeffel, an antenna specialist at Funkwerk Koepenick, has been charged with improving the directional effect of the two Hubertus half-twins. At present he is working there almost every night in order to attain the maximum directional effect toward the west.

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