

O.C., 192 Squadron

MCOST SECRET (for F/Lt. Maydon) A.I.4/201/16.

(no AIK extracts)

Handwritten circled '4' with 'A' above it.

D. of Tels.

THE WINDJAMMER AND DREH-ELEKTRA.

Since 1940, several P/W have referred to the existence of a navigational aid known as DREH-ELEKTRA.

2. Many of the accounts have characteristics in common, and some of these characteristics, coupled with photographic evidence and the statement of an informant recently arrived from enemy occupied territory indicate that the WINDJAMMER may be the DREH-ELEKTRA.

3. Considering first the possible frequency of operation, there are statements by P/W that DREH-ELEKTRA equipment in aircraft involves the use of the receiver E.B1.3 which is known to be capable of operation on any one of 34 frequencies spaced 100 kc/s in the band 30 to 33.3 Mc/s. Photographic evidence indicates that the WINDJAMMER frequency is of the order of 32 Mc/s.

4. A.I.K. Report 104/1942 states that the DREH-ELEKTRA transmits a rotating beam which sweeps through 360° once in 36 seconds. A reliable informant who saw the WINDJAMMER at MARLEMONT near CHARLEROI, was told that the device rotated continuously, traversing 8 kms. of its circular track per hour. P.R.U. have now photographed this installation and the C.I.U. interpretation of the photographs gives the diameter of the track as 82 feet. These figures of 8 km/hour and 82 feet diameter indicate a rate of rotation of once in 35.7 seconds. This agrees well with the P/W statement of 36 seconds (It should be mentioned that another P/W gives the rate of rotation as once per minute).

5. Further to the friendly informants' story that the WINDJAMMER rotates continuously, there is a similar statement by a P/W who said that "At the transmitting station, the whole tower revolves."

6. Copies of the relevant A.I.K. extracts are attached.

A.I.4.
18/6/43.

Copy given to F/Lt. Maydon on 21-6-43

J. Whitehead
Squadron Leader.

P.T.O.