

14-1

CSGAS-94

SUBJECT: Report of General Observations on Copiability of Various Targets at [redacted]

TO: Chief, Army Security Agency, CSGAS-10

EO 3.3(h)(2)
PL 86-36/50 USC 3605

EO 3.3(h)(2)
PL 86-36/50 USC 3605

1. The following report is rendered in connection with recently completed TDY of the undersigned [redacted] from 3 September 1948 to 13 September 1948. What follows is a depiction of conditions at the time the undersigned visited that location.

2. As directed by the Chief, Army Security Agency ASA-23, the writer proceeded to [redacted] for the purpose of conducting tests to obtain general observations on copiability of various types of targets (throughout a twenty-four hour period) located in various parts of Europe, the Middle and Near East. Attached is a copy of the mission assignment. Accordingly the writer departed Frankfurt, Germany [redacted] on September 3rd. In subsequent paragraphs there will be outlined in sufficient detail the results of this mission.

3. Tests were made from 4 September to 12 September at [redacted] Base and at MATS new remote receiving site located approximately five miles from the base. Doublet and long wire antennas were used in view erection of Rhombic antennas and completion of transmission lines were not yet accomplished. Results obtained were sufficient to indicate satisfactory reception of various European, Middle and Near East [redacted] transmitters. Some uncertainty exists whether or not Taper Military and Air targets can be monitored in the lower frequency ranges. In this regard it is considered that in most cases average operating distances are exceeded for Taper Military and Air targets and for Balkan and Eastern European internal service nets. Increased signal strength with use of Directive Rhombic antennas will probably permit in most cases clear reception of those Near East and European [redacted] transmitters which were received fairly good whereas with use of usual antenna erection when distances are so great that only moderately strong, noisy and fading signals are possible.

4. During this period receiving conditions in general were considered good. Little or no interference was encountered from local sources. Some atmospherics were experienced in the lower frequency ranges during the time tests were made. Noise level above eight megacycles was at a minimum. The higher frequencies fifteen megacycles and up fade out gradually at approximately 1900Z but [redacted] targets drop to night frequencies between five and ten megacycles where reception was considered good for these targets. From 0600 to 1600Z this area has little to offer below ten megacycles except for [redacted] transmitters and local [redacted] targets.

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5. The following points cover briefly the conditions concerning the subject location. As a result of an exchange of views in reference to local conditions, it is considered that difficulty would be encountered during periods when sand storms occur and during the rainy season. Station set up would be analogous to USM-4. Transport of personnel would be required to and from the receiving site and or transmitter area. Suitable area could be acquired for the erection of a small number of Rhombic Antennas. Buildings would have to be erected. Local power not available and emergency power would be necessary. Dependents are not permitted in this area at the present time. Availability of supplies appears to be a problem as witnessed by the slow construction of MATS transmitter and receiving sites.

6. It is believed that the following conclusions are in order:

a. European, Middle and Near East [] targets could be adequately monitored at this location.

b. In general Taper Military and Air targets of interest could not be adequately monitored at this point.

c. Coverage of various types of Balkan targets would not prove productive.

d. Interception of those [] targets which were received at this location with suitable reception could be accomplished with similar or better results in central Europe.

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PETER BALLEK, WOJG

2 Incls.

Assigned Mission

Results of Intercept Search

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COPY

SPECIAL CHANNEL CABLE

112013Z

HERZO BASE
SIGNAL CENTER

INCOMING MESSAGE

DATE	:	25 AUGUST 1948	SIGNATURE	:	ASA-23
TO	:	BALLYK	NUMBER	:	30
PRECEDENCE:		ROUTINE	CLASSIFICATION:		SECRET

EO 3.3(h)(2)
PL 86-36/50 USC 3605

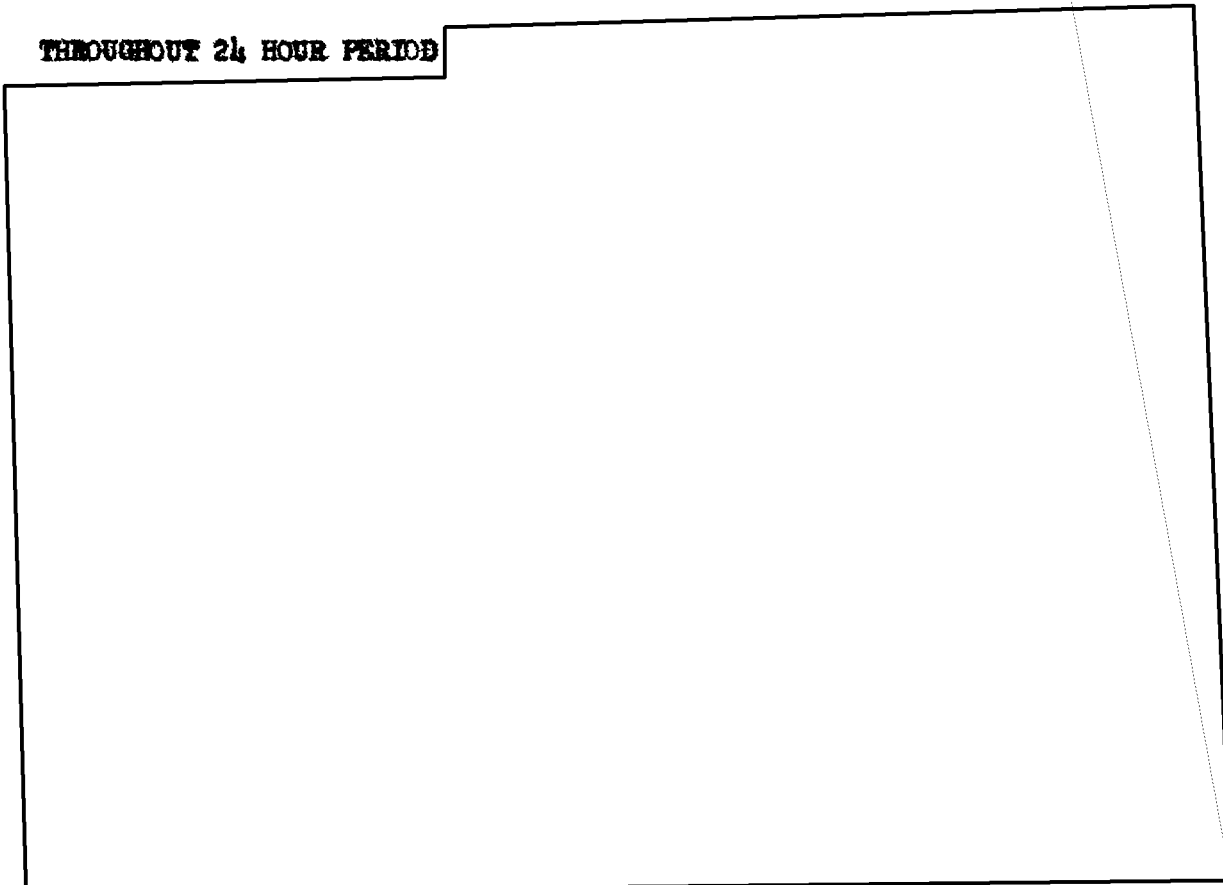
PIXIE FROM CHIEF ASA-23

ACTION BEING TAKEN TO EXTEND TDY BALLYK FOR 60 DAYS REQUEST 30 DAY

OFFERS BE OBTAINED SENDING BALLYK TO TO OBTAIN GENERAL

OBSERVATIONS ON COPIABILITY OF FOLLOWING TARGETS IN PRIORITY LISTED

THROUGHOUT 24 HOUR PERIOD



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Y

SPECIAL CHANNEL CABLE

HERZO BASE
SIGNAL CENTER

INCOMING MESSAGE

DATE :

SIGNATURE :

TO :

NUMBER :

PRESCEDENCE:

CLASSIFICATION:

EO 3.3(h)(2)
PL 86-36/50 USC 3605



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PL 86-36/50 USC 3605

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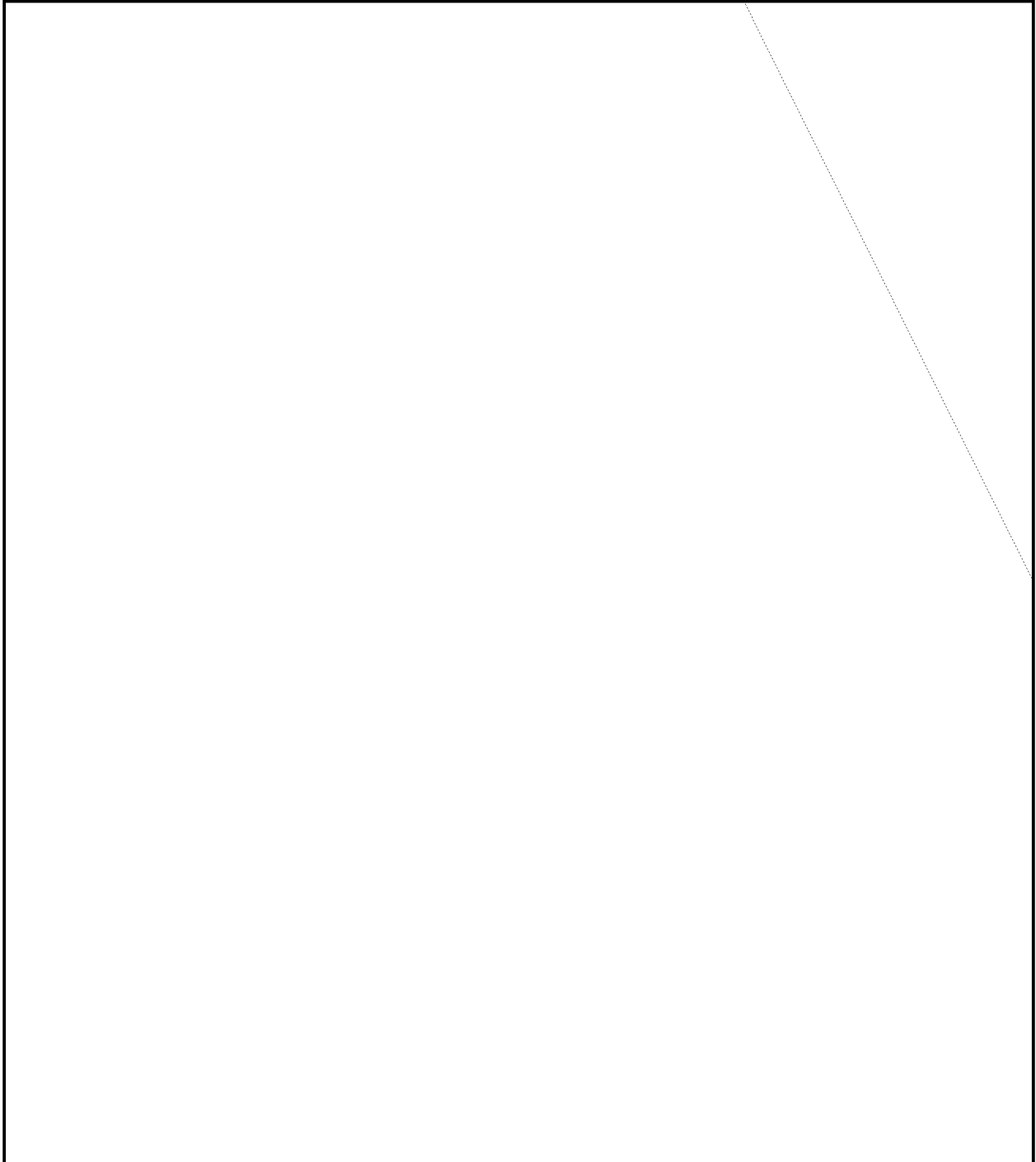
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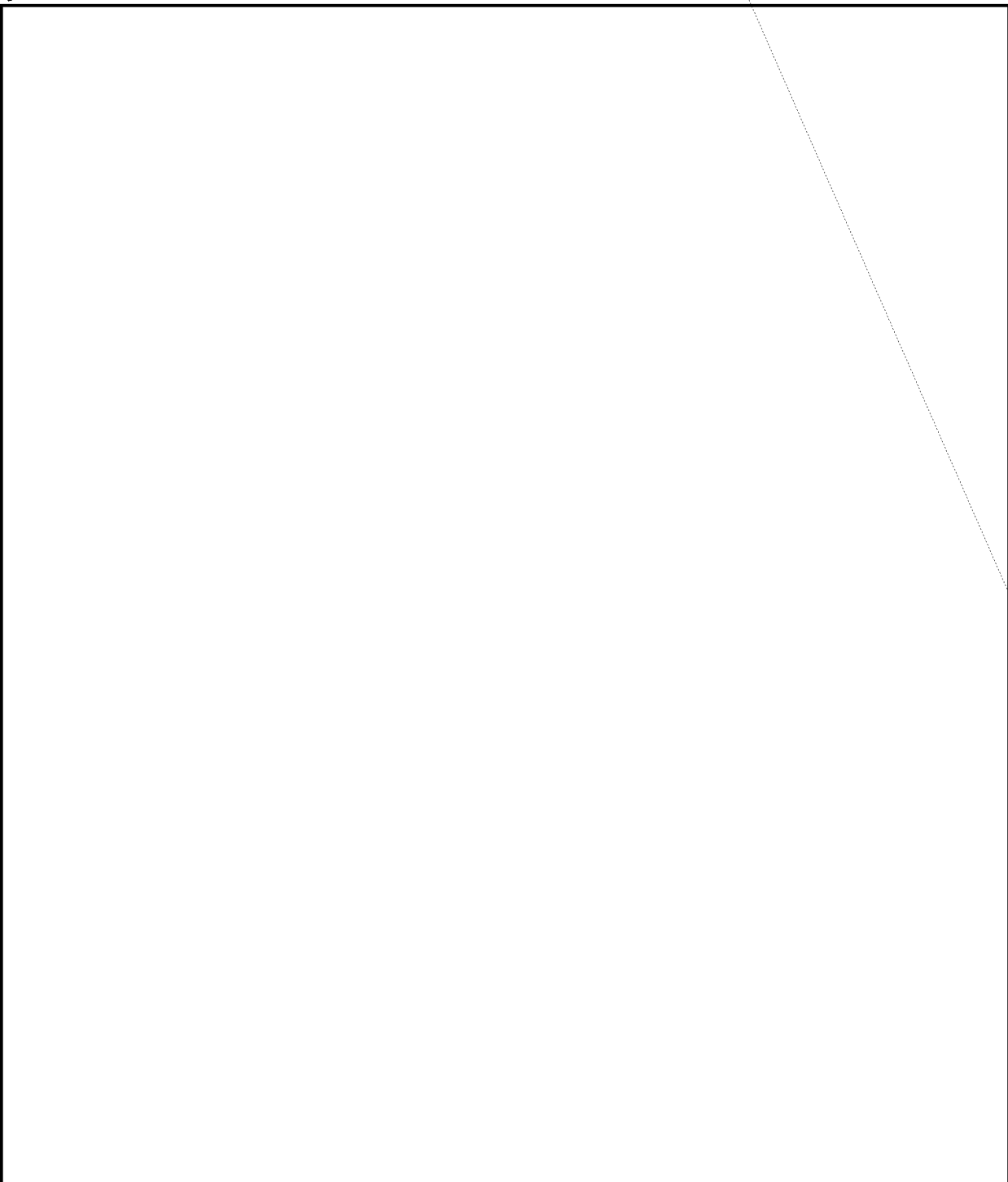
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INTERCEPT SEARCH RESULTS

The following covers briefly the receiving conditions concerning the subject mission in priority order of targets:



CSGAS-9h



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Various targets from the following countries were heard with generally good reception.



Portugal



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