



NATIONAL SECURITY AGENCY
CENTRAL SECURITY SERVICE
FORT GEORGE G. MEADE, MARYLAND 20755



SORS 10./300/1/92
07 July 1992

MEMORANDUM FOR: Director, National Reconnaissance Office (~~S-TK~~)
Director, National Security Agency
Chief, Overhead Collection Management Center

SUBJECT: Basic Mission Guidance for SIGINT Mission 7300
- ACTION MEMORANDUM (~~S-TK~~)

(~~S-TK~~) The SIGINT Overhead Reconnaissance Subcommittee (SORS) provides the following Basic Mission Guidance for SIGINT Mission 7300.

I. (~~U~~) GENERAL COLLECTION GUIDANCE

A. (~~TS-TKC~~) The mission of SIGINT Program 7300 is to search for new and modified signals; to collect SIGINT, including Technical ELINT, Operational ELINT, COMINT, Foreign Instrumentation Signals (FIS) [redacted]

[redacted] The Overhead Collection Management Center (OCMC) will coordinate cooperative mission planning between SIGINT Mission 7300 and other resources.

B. (~~TS-TKC~~) The OCMC or the [redacted] may temporarily adjust specific priorities in response to unique collection opportunities, e.g., tip-off information or during a reduced resources situation. The OCMC will keep SORS informed of all such adjustments as soon as practicable. The relative collection priorities for General Search, Technical ELINT, Operational ELINT, COMINT, and FIS are listed in Annex A.

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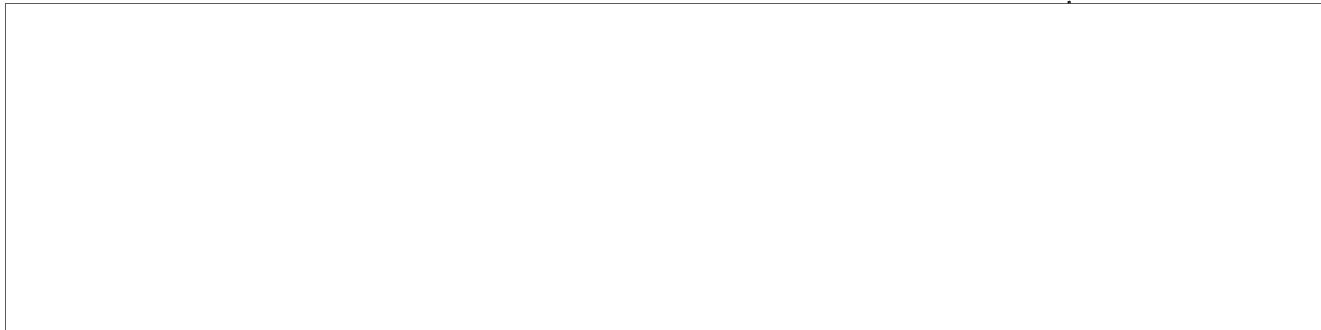
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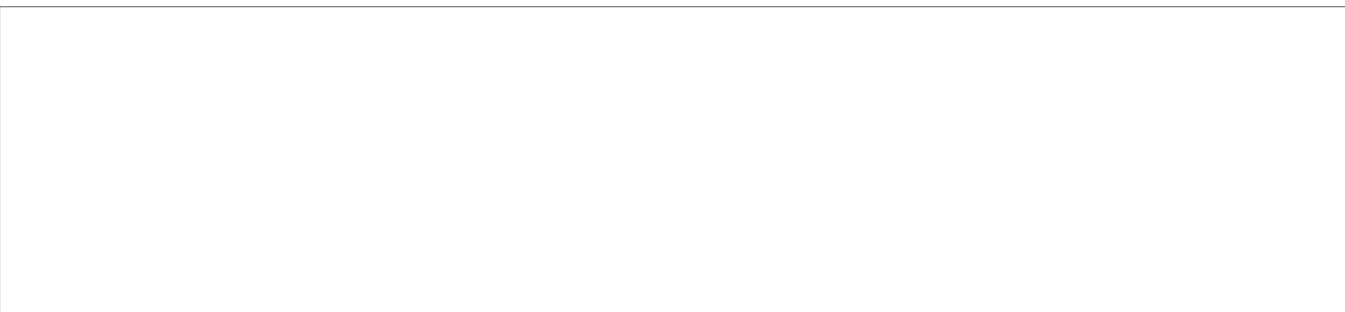
C. ~~(TS-TK)~~ Collection will be based on priorities stated in Annex A contingent upon available spacecraft resources (power, thermal and tape recorders).

D. ~~(S/TK)~~ Conservation of spacecraft tape recorder resources is paramount. The goal of this effort should be to



II. ~~(U)~~ COLLECTION GUIDANCE:

A. ~~(U)~~ Search



2. ~~(S-TK)~~ The general search mission should be directed towards searching for and locating known and suspected pulsed and continuous wave (CW) signals as well as detecting and locating new and unusual signals. To satisfy this mission, search planning should consider past activity patterns, i.e., time of day, day of week and month of year. In addition, test range-associated area closures should be used to maximize the probability successful collection.

B. ~~(U)~~ Technical ELINT (TI)

1. ~~(S-TK)~~ Acquire the technical characteristics of both emitters specified in the National SIGINT Requirements list (NSRL), and new signals discovered through the search process.

2. ~~(S)~~ Collect data to support treaty monitoring and to aid in the assessment of weapon system/associated emitter performance, limitations, and modifications, to include jammers.

3. ~~(S)~~ Specific areas for the collection of Technical ELINT are included in Annex B.

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C. ~~(S)~~ Operational ELINT (OPELINT)

~~(S)~~ OPELINT targets should be acquired, processed, and forwarded in support of standing intelligence information requirements and Support to Military Operations (SMO) with

[REDACTED]

of target areas for the collection of Operational ELINT are included in Annex A.

D. ~~(U)~~ COMINT Mapping

~~(S-TK)~~ COMINT targets should be acquired in support of National SIGINT Requirements List (NSRL) intelligence information requirements. COMINT geolocation, external signals parameters (ESP) and Emitter Activity Reports (EAR), will be generated in conjunction with general search and operational / technical ELINT tasks.

E. ~~(U)~~ Foreign Instrumentation Signal (FISINT)

[REDACTED]

2. ~~(S-TK)~~ Missile/Spacecraft Electronic Tracking Systems: Collect BOW [REDACTED] and SHIPWHEEL/BACKTALK signals and other signals of interest from the ROW, [REDACTED] and provide tip-off, when possible, to DEFSMAC.

F. ~~(U)~~ U&S Command Support

1. ~~(S-TK)~~ Support to tactical commanders/users will be accomplished by the following Mission 7300 capabilities:

a. ~~(S-TK)~~ Wideband transponds to Electronic Processing and Dissemination System (EPDS) and Tactical ELINT Processing (TEP) vans.

b. ~~(S-TK)~~ Mission 7300 will collect the worldwide area-of-interest (AOI) signals for the EPDS and TEP vans. This data will be forwarded, for training via [REDACTED]

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e. (C) Direct [redacted] SIGINT analysis and reporting via TACREP, serialized product, TRAP broadcast and the generation of narrative signal intelligence reports.

2. ~~(S-TK)~~ Support to tactical commanders will be conducted at a priority equal to AOIs as indicated in Annex A. The OCMC will provide specific collection details for the wideband transpond to EPDS.

a. ~~(S-TK)~~ Schedule transponds and direct downlinks when the collector is in view of stated AOIs.

b. ~~(S-TK)~~ The minimum number of transponds to EPDS vans should be two per day for CONUS and four per day for Europe and Korea if resources are available.

c. ~~(S-TK)~~ To optimize system utility the TOPS targets areas (See Annex D Para B), will be kept as static as possible and changed only by exception. Default tasking in the TOPS target areas will result in approximately three hours per day of TOPS operations. Operations will be conducted in accordance with validated and prioritized requirements of the U&S Commands. There may be instances when satellite health and welfare and/or other extraordinary circumstances/requirements may cause the nominal TOPS tasking of three hours per day to be changed, i. e., either increased or decreased. Requirements that would exceed the three hours of daily nominal operations require SORS notification and approval.

III. APPLICABLE GUIDANCE

A. ~~(S-TK)~~ This Basic Mission Guidance supersedes all previous SORS 7300 Basic Mission Guidances as amended. Annex A is the collection priorities for Mission 7300.

B. ~~(U)~~ This confirms action taken at the 1044th SORS meeting on 01 July 1992

[redacted]

Chairman, SORS

Copy Furnished:

NSA/G2, [redacted]
CIA/DDI/CRES, [redacted]
DIA/DCC3B2, J. Kaye
USA/DAMI-POS, D. Hanson
[redacted]

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USMC/INTS, T. Chasteen
OSAF/P&A, C. Worsowicz
STATE/INR/INE, J. Barnes
DOE/IN, T. Block

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ANNEX A
(continued)

14	S/O/C		NIGHT
15	S/O/C		DAY
16	S/O/C		DAY
17	TOPS/CR		DAY
17A	S/O/C		DAY
18	S/O/C		DAY
19	S/O/C		DAY
20	S/O/C		DAY
20A	TOPS/CR		DAY
20B	TOPS/CR		DAY
21	S/O/C		DAY
22	S/O/C		NIGHT
23	S/O/C		NIGHT
24	TECH ELINT		NIGHT
25	S/O/C		NIGHT
26	S/O/C		NIGHT
27	S/O/C		NIGHT
28	S/O/C		NIGHT
29	S/O/C		NIGHT
30	S/O/C		NIGHT
30A	TOPS/CR		NIGHT

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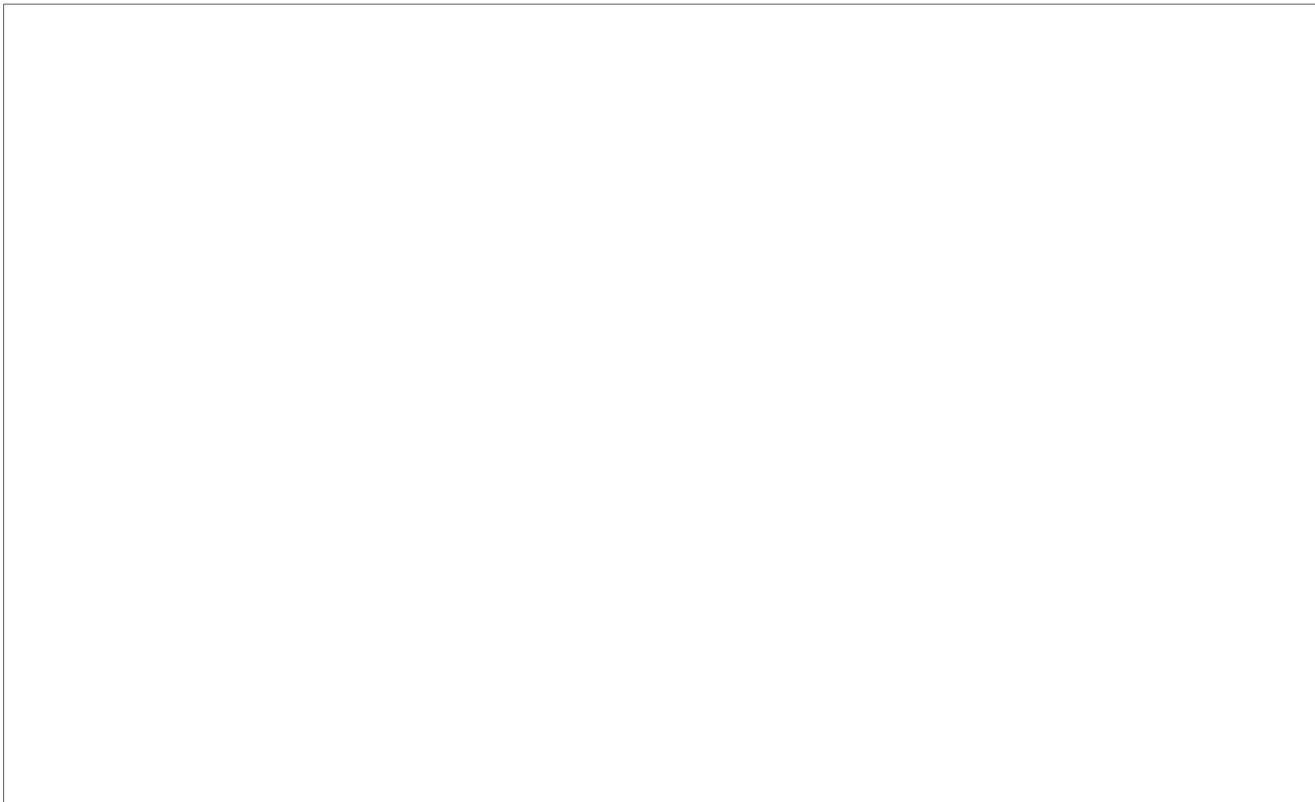
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ANNEX A
(continued)

31	S/O/C		NIGHT
32	S/O/C		NIGHT
33	S/O/C		NIGHT
33A	TOPS/CR		NIGHT
33B	TOPS/CR		NIGHT
34	S/O/C		NIGHT

S = SEARCH, O = OPELINT, C = COMINT MAPPING

TECH ELINT = TECHNICAL INTELLIGENCE RECEIVER IS ON AND COLLECTING
IN THE 1X1 TAPE MODE, 4X1 TAPE MODE, OR TRANSPOND.



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