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Copy
TCS-2381-74
SORS 10./167/8
25 April 1974

UNITED STATES INTELLIGENCE BOARD
SIGINT COMMITTEE
SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE

MEMORANDUM FOR: DIRECTOR, NATIONAL RECONNAISSANCE OFFICE
DIRECTOR, NATIONAL SECURITY AGENCY

SUBJECT: Mission Guidance for SIGINT Satellite Missions
7338 and 7342

The SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE (SORS) recommends the following mission guidance for SIGINT Satellite Missions 7338 and 7342:

I. Collection

Missions 7338 and 7342 should be employed to provide data that will satisfy selected Operational ELINT and general search requirements.

A. Collection emphasis for Operational ELINT surveillance and early warning requirements* should be placed on the following areas in priority order:

1. Western USSR longitude) and Eastern Europe, (including adjacent water areas as practicable--see Annex A.)

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*The Operational ELINT surveillance and early warning requirements are those defined as Collection and Processing Task A (CPT A) in the JCSM 145-73 and the current USIB Guidance for the SIGINT NRP Five Year Program.

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Schedule of E.O. 11652, Exemption
Category: 5B2. Automatically Declassified On: Impossible to Determine

WARNING NOTICE
Sensitive Intelligence Sources and Methods Involved

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2. The remainder of the USSR, PRC, North Korea, Vietnam, Laos, Cambodia, Egypt, Libya, Syria, Iraq, Jordan and Lebanon, (including adjacent water areas as practicable-- see Annex A.)

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3. India, Pakistan, Burma, Thailand, Malaysia, Indonesia, Sudan, Algeria, ^{and} Morocco, (Indian Ocean (area



4. Other areas as appropriate.

B. General Search

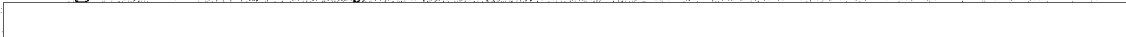
1. Search should be conducted against high priority Soviet and PRC targets such as:



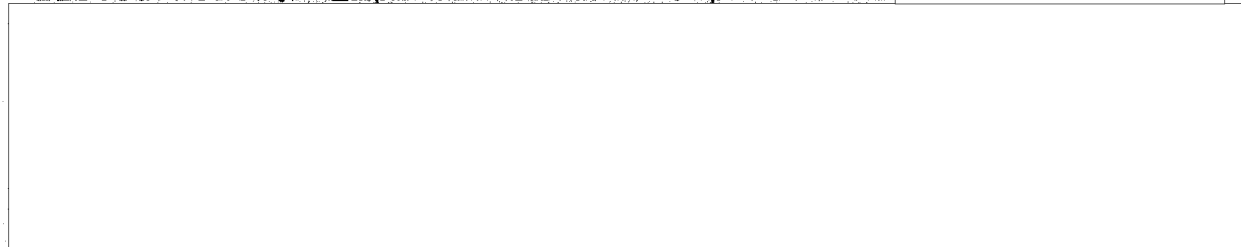
25X1

*f. Search/location of known and suspected CW communication signals (2000-12,000 MHz).

2. Search should be conducted to acquire and identify signals from as yet unidentified emissions associated with



listed below. Emphasis should be placed on



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*The SORS understands that this priority need will require a change in the attitude of one spacecraft for optimum collection.

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d. Chin-Hsi Naval Missile R&D Facility

C. Collection is to be conducted in accordance with the relative frequency band tasking contained in the table in Annex B. The table accommodates both the Operational ELINT surveillance/early warning and general search collection requirements. Band tasking will vary according to the circumstances of the situation and changes in requirements.

II. Time Critical Requirements

Time Critical Requirements will be handled in accordance with the procedures established in SORS 10./193/3, TCS-2378-74.

III. Processing and Reporting

A. For the Operational ELINT surveillance function, the timeliness of processing and reporting is generally within 24 hours for land-based targets (and within 8 hours for naval targets.)

B. DIA will advise NSA of those emitters which should be processed and reported for routine EOB purposes.

IV. The SORS requests that it be kept fully informed of the operational status and intercept success of Missions 7338 and 7342 on a fortnightly basis.



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EXECUTIVE SECRETARY

Attachments:
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ANNEX A

The water areas where Operational ELINT collection is required are listed below in priority order:



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4. Eastern Mediterranean  Egypt, Libya, Syria or Lebanon.

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ANNEX B

RELATIVE BAND TASKING FREQUENCY

AREA	BANDS				
	1	2	3	4	5
	2-4 GHz	4-6 GHz	6-8 GHz	8-10 GHz	10-12 GHz
1	3	2	6	6	2
2	3	4	7	6	2
3	4	3	3	3	1
4	AS REQUIRED				

[Redacted]

[Redacted] The band apportionment within these areas is nominal and may be changed to reflect revised requirements or to emphasize those areas where maximum collection has not been obtained.

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Copy
TCS-35820-75
SORS 10./164/14
21 April 1975

UNITED STATES INTELLIGENCE BOARD
SIGINT COMMITTEE
SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE

MEMORANDUM FOR: DIRECTOR, NATIONAL RECONNAISSANCE OFFICE
DIRECTOR, NATIONAL SECURITY AGENCY

SUBJECT: Revised Mission Guidance for SIGINT Satellite
Missions 7338 and 7342

The SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE (SORS) recommends the following mission guidance for SIGINT Satellite Missions 7338 and 7342:

I. Collection

Missions 7338 and 7342 should be employed to provide data that will satisfy selected Operational ELINT and general search requirements.

A. Collection emphasis for Operational ELINT surveillance and early warning requirements* should be placed on the following areas in priority order:

1. Western USSR [redacted] East
longitude) and Eastern Europe.

2. The remainder of the USSR, PRC, North Korea, Vietnam, Laos, Cambodia, Egypt, Libya, Syria, Iraq, Jordan and Lebanon.

*The Operational ELINT surveillance and early warning requirements are those defined as Collection and Processing Task A (CPT A) in the JCSM 145-73 and the current USIB Guidance for the SIGINT NRP Five Year Program.

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Sensitive Intelligence
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TCS-35820-75

3. India, Pakistan, Burma, Thailand, Malaysia, Indonesia, Sudan, Algeria and Morocco.

4. Other areas as appropriate.

B. General Search

1. Search should be conducted against high priority Soviet and PRC targets such as:



25X1

*f. Search/location of known and suspected CW communication signals (2000-12,000 MHz).

2. Search should be conducted to acquire and identify signals from as yet unidentified emissions associated with Soviet and PRC anti-ship missile systems at the ranges listed below. Emphasis should be placed on

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C. Collection is to be conducted in accordance with the relative frequency band tasking contained in the table in the Annex. The table accommodates both the Operational ELINT surveillance/early warning and general search collection

*The SORS understands that this priority need will require a change in the attitude of one spacecraft for optimum collection.

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requirements. Band tasking will vary according to the circumstances of the situation and changes in requirements.

II. Time Critical Requirements

Time Critical Requirements will be handled in accordance with the procedures established in SORS 10./193/3, TCS-2378-74.

III. Processing and Reporting

A. For the Operational ELINT surveillance function, the timeliness of processing and reporting is generally within 24 hours for land-based targets.

B. DIA will advise NSA of those emitters which should be processed and reported for routine EOB purposes.

IV. The SORS requests that it be kept fully informed of the operational status and intercept success of Missions 7338 and 7342 on a fortnightly basis.

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ACTING EXECUTIVE SECRETARY

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CHANNELS ONLY

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ANNEX

RELATIVE BAND TASKING FREQUENCY

AREA	BANDS				
	1	2	3	4	5
	2-4 GHz	4-6 GHz	6-8 GHz	8-10 GHz	10-12 GHz
1	3	2	6	6	2
2	3	4	7	6	2
3	4	3	3	3	1
4	AS REQUIRED				

[Redacted]

[Redacted] The band apportionment within these areas is nominal and may be changed to reflect revised requirements or to emphasize those areas where maximum collection has not been obtained.

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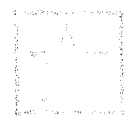
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TCS-35832-75
SORS 10./164/16
27 May 1975

U N I T E D S T A T E S I N T E L L I G E N C E B O A R D
S I G I N T C O M M I T T E E
SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE



SOC CONTROL

MEMORANDUM FOR: DIRECTOR, NATIONAL RECONNAISSANCE OFFICE
 DIRECTOR, NATIONAL SECURITY AGENCY

SUBJECT: Revised Mission Guidance for Missions 7338/7342

REFERENCE: SORS 10./164/14, TCS-35820-75, dated 21 Apr 75

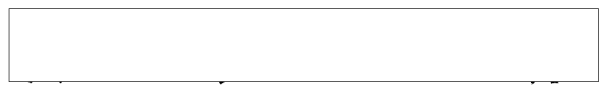
The SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE (SORS) recommends that the following paragraphs g and h be added to paragraph I-B-1. of the reference:

g. Conjunctions between Missions 7338/7342 (as appropriate), appropriate Soviet ground stations (see below), and appropriate Soviet satellites (see below) should be tasked. Based on satellites conjunction and other information, NSA will provide a listing of collection opportunities to the NRO in sufficient time to permit appropriate tasking of Missions 7338/7342. Appropriate Soviet ground stations are (in descending order of interest):



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Appropriate Soviet satellites and frequencies are (in descending order of interest):



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Category: 5B2. Automatically Declassi-
fied On: Impossible to Determine

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TCS-35832-75

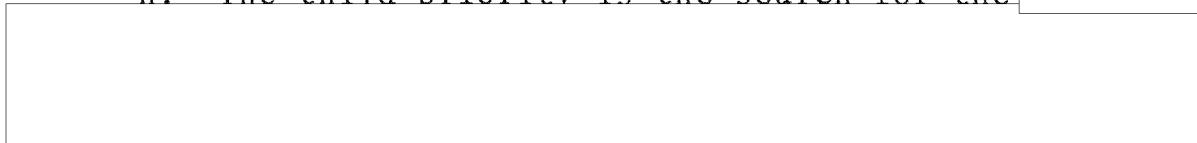


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During conjunctions, the following frequency bands should be searched (not in priority order):

- 2100-2300 MHz
- 3200-3500 MHz
- 5200-5800 MHz
- 9700-10,300 MHz
- 11,400-12,000 MHz

h. The third priority is the search for the



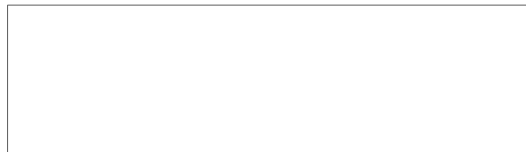
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tasking should focus on conjunctions between Missions 7338/7342 and the appropriate ground stations. These conjunctions -- in which it is likely that the satellites are commanded -- should be tasked. Based on satellite conjunction data and other information, NSA will provide a listing of collection opportunities to the NRO in sufficient time to permit appropriate tasking of Missions 7338/7342. Ground stations of interest are:



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OPTIONAL FORM NO. 10
JULY 1973 EDITION
GSA FPMR (41 CFR) 101-11.6

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WORKING PAPER

R. 3 E.

UNITED STATES GOVERNMENT

Memorandum

TO : Chairman and Members, SORS

DATE: 25 June 1975

FROM : DIA Member

SUBJECT: Revised Mission Guidance for SIGINT Satellite Missions
7338 and 7342

Reference: SORS 10./164/14 dated 21 April 1975.

1. DIA recommends mission 7338/7342 Mission Guidance
be amended as follows:

a. 1A2 delete Vietnam, Laos and Cambodia.

b. 1A3 insert Laos, Cambodia and Vietnam after
Thailand.

2. This action does not constitute a recommendation to
alter the CANNIBAL report area coverage.

James J. Fitzgibbon
JAMES J. FITZGIBBON
MAJ, USAF
DIA Member



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CONTROL SYSTEMS

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TCS-9T0573-75
SORS 10./164/20
30 July 1975

UNITED STATES INTELLIGENCE BOARD
SIGINT COMMITTEE
SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE



30 JUL 1975

MEMORANDUM FOR: DIRECTOR, NATIONAL RECONNAISSANCE OFFICE
DIRECTOR, NATIONAL SECURITY AGENCY

SUBJECT: Revised Mission Guidance for SIGINT Satellite
Missions 7338 and 7342

The SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE (SORS) recommends the following mission guidance for SIGINT Satellite Missions 7338 and 7342:

I. Collection

Missions 7338 and 7342 should be operated to provide data that will satisfy selected Operational ELINT and general search requirements.

A. Collection emphasis for Operational ELINT surveillance and early warning requirements* should be placed on the following areas in priority order:

1. Western USSR [redacted] East (longitude) and Eastern Europe.

2. The remainder of the USSR, PRC, North Korea, Vietnam, Laos, Cambodia, Egypt, Libya, Syria, Iraq, Jordan and Lebanon.

*The Operational ELINT surveillance and early warning requirements are those defined as Collection and Processing Task A (CPT A) in the JCSM 145-73 and the current USIB Guidance for the SIGINT NRP Five Year Program.

WARNING NOTICE
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Category: 5B2. Automatically Declassified On: Impossible to Determine

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HANDLE VIA TALENT-KEYHOLE
COMINT CHANNELS JOINTLY

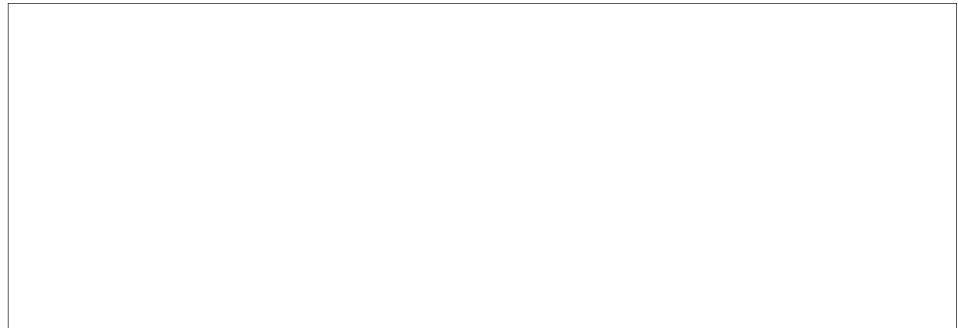
TCS-910573-75

3. India, Pakistan, Burma, Thailand, Malaysia, Indonesia, Sudan, Algeria and Morocco.

4. Other areas as appropriate.

B. General Search

1. Search should be conducted of high priority Soviet and PRC target areas and for special signals/activities of known interest. The target areas should have a high potential for the intercept of both new/unusual pulsed and CW signals. Target areas and special signals/activities of known interest include:



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f. Conjunctions between Missions 7338/7342 Soviet ground stations (listed below) and Soviet satellites (listed below) should be tasked. Based on satellite conjunctions and other information, NSA will provide a listing of collection opportunities to the NRO in sufficient time to permit appropriate tasking of Missions 7338/7342. Soviet ground stations are (in descending order of interest):

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Soviet satellites and frequencies are (in descending order of interest):



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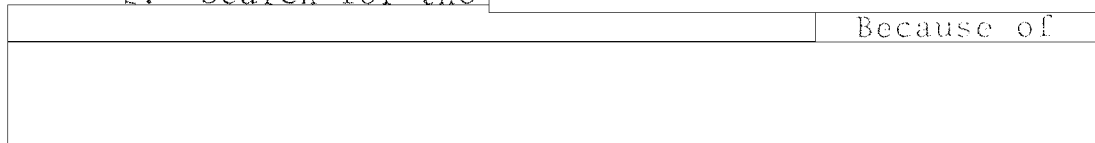
During conjunctions, the following frequency bands should be searched (not in priority order):

- 2100-2300 MHz
- 3200-3500 MHz
- 5200-5800 MHz
- 9700-10,300 MHz
- 11,400-12,000 MHz

g. Search for the



Because of



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should focus on conjunctions between Missions 7338/7342 and the appropriate ground stations. These conjunctions -- in which it is likely that the satellites are commanded -- should be tasked. Based on satellite conjunction data and other information, NSA will provide a listing of collection opportunities to the NRO in sufficient time to permit appropriate tasking of Missions 7338/7342. Ground stations of interest are:



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h. Search/location of known and suspected CW communication signals (2000-12,000 MHz).

2. Search should be conducted both to detect and locate new and unusual signals and to collect technical data on known signals associated with Soviet and PRC anti-ship missile systems in the areas listed below. Search planning should consider past patterns of activity such as time of day, day of the week and month. In addition, range associated area closures should be used to maximize collection probability.



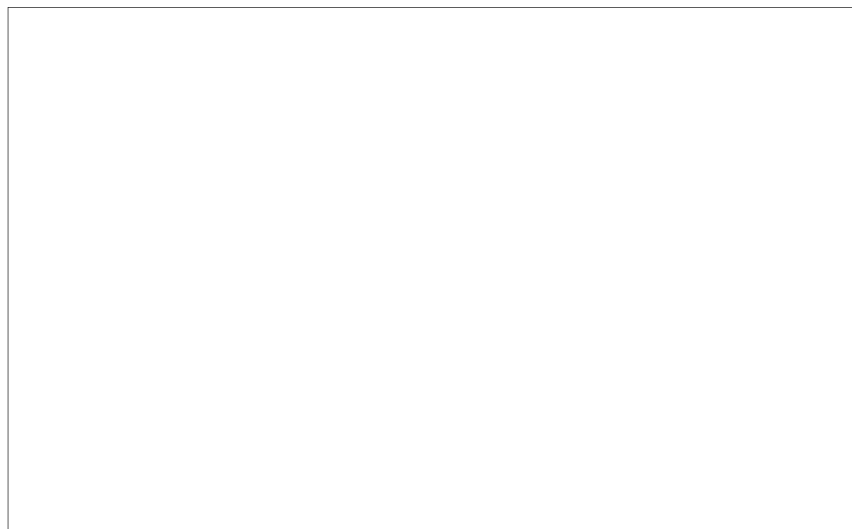
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C. Collection is to be conducted in accordance with the relative frequency band tasking contained in the table in the Annex. The table accommodates both the Operational ELINT surveillance/early warning and general search collection requirements. Band tasking will vary according to the circumstances of the situation and changes in requirements.

II. Time Critical Requirements

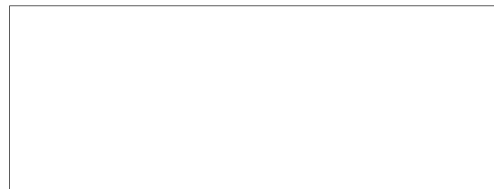
Time Critical Requirements will be handled in accordance with the procedures established in SORS 10./193/3, TCS-2578-74.

III. Processing and Reporting

A. For the Operational ELINT surveillance function, the timeliness of processing and reporting is generally within 24 hours for land-based targets.

B. DIA will advise NSA of those emitters which should be processed and reported for routine EOB purposes.

IV. The SORS requests that it be kept fully informed of the operational status and intercept success of Missions 7338 and 7342 on a fortnightly basis.



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EXECUTIVE SECRETARY

Attachment:
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BYI-10741-75
SORS 10./164/23
29 September 1975

MEMORANDUM FOR: DIRECTOR, NATIONAL RECONNAISSANCE OFFICE
DIRECTOR, NATIONAL SECURITY AGENCY

SUBJECT: Special Mission Guidance for URSALA 1/2,
Missions 7338/7342

The SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE (SORS) recommends the following special mission guidance for URSALA 1/2, Missions 7338/7342:

1. Conduct a search for CW signals in the 2000-4000 MHz frequency range during passes over the Soviet nuclear powered ballistic missile equipped submarine patrol areas in both the Atlantic and the Pacific.
2. This collection should be conducted on a low priority basis for approximately two passes per week (either system) over each submarine patrol area.
3. Electrical reporting of positive or negative search results including times of search, frequencies and signal characteristics of any activity observed should be electrically reported and these data promptly disseminated to the SORS.

[Redacted Signature Box]

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