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HANDLE VIA BYEMAN/TALENT-
KEYHOLE/COMINT CHANNELS JOINTLY

Copy 17
BYE-1467-70
SORS 10./111
2 November 1970

UNITED STATES INTELLIGENCE BOARD
SIGINT COMMITTEE
SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE

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

SUBJECT: Mission Guidance for TOP HAT - Mission 7334

The SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE (SORS) recommends the following Mission Guidance for TOP HAT - Mission 7334:

I. Collection operations for TOP HAT - Mission 7334 should be accomplished in three phases in consonance with USIB Guidance for NRP COMINT Collection:

A. MAPPING Phase: Search the environment primarily to locate as many target emitters as possible. This phase should emphasize the detection and location of target emitters rather than content sampling.

B. SAMPLING Phase: Collect content samples which can be correlated with previously derived locations and with data obtained from other sources. This phase differs from the search phase in that there is more emphasis placed on signal content than on emitter location.

C. MONITORING Phase: Monitor selected target emitters or classes of emitters to permit the identification in depth of the subscribers and the types of traffic (content) carried over the target links.

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GROUP 1
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II. Target emitters for collection by TOP HAT have been divided into two groups. If tasking conflicts occur, collection efforts should be divided between Group I emitters and Group II emitters at an approximate ratio of 2:1. Detailed collection recommendations are as follows:

A.

B.

25X1

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III. The SORS will develop further mission guidance regarding target emitters, areas and parameters as appropriate. In the event that other intelligence collection resources reveal important communications activity, the NSA is requested to notify the NRO and the Chairman, SORS, of any recommendations for temporary adjustments to the current guidance.

IV. Processing and reporting of data collected by TOP HAT should be accomplished expeditiously in order to provide the basis for further mission guidance.



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Copy 16
BYE-1383-71
SORS 10./111/1
1 February 1971

UNITED STATES INTELLIGENCE BOARD
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SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE

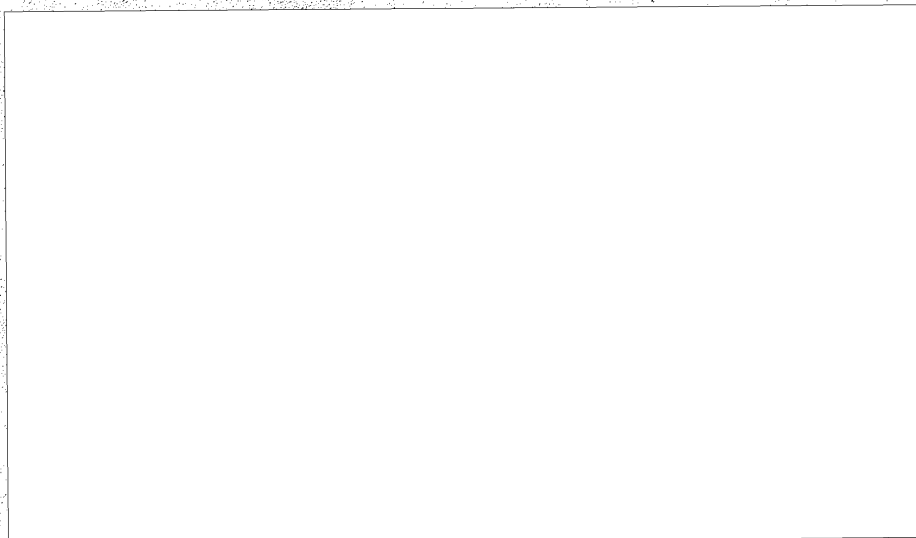
MEMORANDUM FOR: DIRECTOR, NATIONAL RECONNAISSANCE OFFICE
DIRECTOR, NATIONAL SECURITY AGENCY

SUBJECT: Revised Mission Guidance for TOP HAT -
Mission 7334

REFERENCE: SORS 10./111, BYE-1467-70, dated 2 November
1970, Subject: Mission Guidance for TOP
HAT - Mission 7334

I. The SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE (SORS)
recommends the following revised mission guidance for TOP HAT -
Mission 7334:

II.B.



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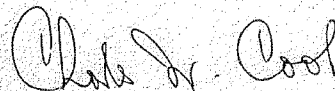
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~~UMBRA~~

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2. This revision does not affect other parts of the reference which remain current mission guidance for TOP HAT - Mission 7334.



CHARLES W. COOK
CHAIRMAN

SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE

-2-

~~UMBRA~~
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SORS 10./111/2
5 February 1971

UNITED STATES INTELLIGENCE BOARD
SIGINT COMMITTEE
SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE

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

SUBJECT: Revised Mission Guidance for TOP HAT - Mission
7334

REFERENCE: SORS 10./111, BYE-1467-70, dated 2 November
1970, Subject: Mission Guidance for TOP
HAT - Mission 7334

The SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE (SORS)
recommends the following revised Mission Guidance for TOP
HAT - Mission 7334:

I. Collection operations for TOP HAT - Mission 7334
should be accomplished in accordance with the reference except
that emphasis should now be placed on the SAMPLING phase de-
scribed therein.

II. Target emitters for collection by TOP HAT have been
divided into two groups. If tasking conflicts occur, collec-
tion efforts should be divided between Group I emitters and
Group II emitters at an approximate ratio of 2:1. Detailed
collection recommendations are as follows:

A.



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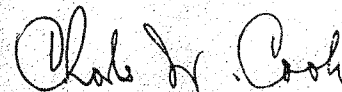
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B

III. The remaining parts of the reference remain in effect.



CHARLES W. COOK
CHAIRMAN

SIGINT OVERHEAD RECONNAISSANCE SUBCOMM'TTEE

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SORS 10./111/6
24 May 1971

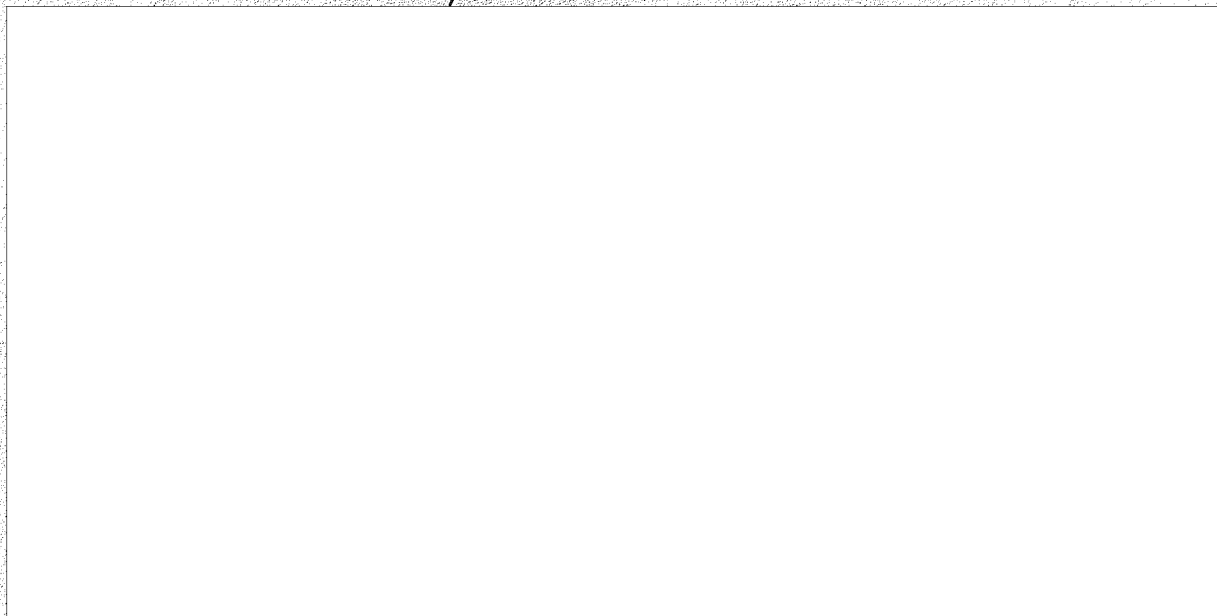
UNITED STATES INTELLIGENCE BOARD
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SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE

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

SUBJECT: Additional Mission Guidance for TOP HAT -
Mission 7334

The SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE (SORS)
recommends the following additional mission guidance for TOP
HAT, Mission 7334, for the purpose of determining the opera-
tional status, operating frequencies and other parameters of

A. TOP HAT, Mission 7334, coverage is desired as follows:



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KEYHOLE/COMINT CHANNELS JOINTLY

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n.

3. Collect against the 820-832 MHz frequency range in a scanning mode.

4. Dwell 10 seconds on qualified signals.

5. Monitor the baseband of the 12-60 KHz group.

B. Request that this tasking commence as soon as practicable and continue for a 30 day period.

C. In the event that the above recommended collection conflicts with collection recommended in the current SORS mission guidance for TOP HAT, Mission 7334, this additional mission guidance specified above should have priority.

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Copy 16
BYE-1561-71
SORS 10./111/8
26 October 1971

UNITED STATES INTELLIGENCE BOARD
SIGINT COMMITTEE
SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE

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

SUBJECT: Addition to Revised Mission Guidance for TOP
HAT - Mission 7334

REFERENCE: SORS 10./111/2, BYE-1385-70, dated 5 February
1971, Subject: Revised Mission Guidance
for TOP HAT - Mission 7334

The SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE (SORS)
recommends the addition of the following to paragraph II. of
the reference:

Paragraph C. Group III - Others (Non-Soviet UHF)

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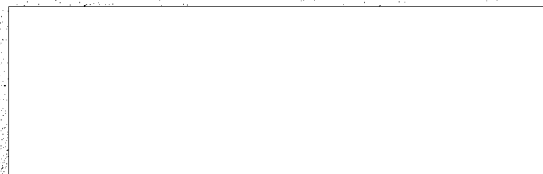
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HANDLE VIA BYEMAN/TALENT-
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BYE-1561-71

All portions of the reference remain in effect.



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SORS 10./111/9
24 February 1972

UNITED STATES INTELLIGENCE BOARD
SIGINT COMMITTEE
SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE

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

SUBJECT: Additional Mission Guidance for TOP HAT -
Mission 7334

REFERENCE: SORS 10./111/2, BYE-1385-71, dated 5 February
1971, Subject: Revised Mission Guidance
for TOP HAT - Mission 7334

The SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE (SORS)
recommends the following additional mission guidance for TOP
HAT, Mission 7334:

1. Collection of the [] signal should be accom-
plished on a priority basis whenever Mission 7334 and one of
the []
etc.) are simultaneously within view of the following points:

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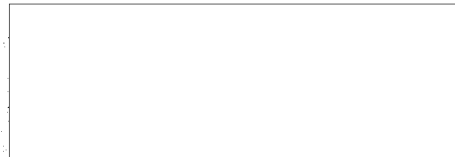
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BYE-1131-72

2. The mission guidance contained in the reference remains valid and should be superseded only as noted above.



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NO FOREIGN DISSEM

Jules-green

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SORS 10./111/11
24 April 1972

UNITED STATES INTELLIGENCE BOARD
SIGINT COMMITTEE
SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE

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

SUBJECT: Amendment to Mission Guidance for TOP HAT -
Mission 7334

REFERENCE: SORS 10./111/8, BYE-1561-71, dated 26 October
1971, Subject: Addition to Revised Mission
Guidance for TOP HAT - Mission 7334

The SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE (SORS)
recommends that the reference be changed as follows:

"Target Area: Middle East and Africa"

This change recommends that the entire continent of Africa be
included as a target area vice North Africa as noted in the
reference. Pending early proposed revision of the entire TOP
HAT mission guidance, all other portions of the existing mis-
sion guidance for TOP HAT remain in effect.



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~~UMBRA/ZART~~
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COMINT CHANNELS JOINTLY

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TCS-2215-72

SORS 10./111/14

14 July 1972

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SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE

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K3c

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

SUBJECT: Revised Mission Guidance for SIGINT Mission 7334

REFERENCE: SORS 10./111/12, TCS-2213-72, dated 2 June 1972

The SIGINT OVERHEAD RECONNAISSANCE SUBCOMMITTEE (SORS)
recommends the following revision to the reference:



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Warning Notice -
Sensitive Intelligence
Sources and Methods
Involved

Exempt from general declassification
of E.O. 11652, exemption
category: 5B(2). Automatically
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