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COMOR Gen. file
JA/DDST

COMOR-D-65/5

24 October 1963

MEMORANDUM FOR: Committee on Overhead Reconnaissance
SUBJECT: SIGINT Guidance to the NRO

For the consideration of COMOR at its meeting on 31 October,
there is attached a memorandum from the SIGINT Working Group
which would provide an updating of the previous interim guidance
provided to the NRO by COMOR as set by COMOR-D-65/2.

James Q. Reber
James Q. Reber
Chairman
Committee on Overhead Reconnaissance

Attachment:
Subject paper

- Copy 2, 3 State TCO
- 4 DIA (Col. Ainsworth)
- 5, 6, 7, 8 DIA TCO
- 9 OACSI TCO
- 10, 11 ONI TCO
- 12-15 AFNIN TCO
- 16, 17 NSA TCO
- 18, 19 NRO TCO

BYE-3363-63
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COMOR-D-65/5

SIGINT Guidance to the NRO

1. COMOR-D-13/5, Subject: Requirement for collection by Satellite Non-Image Forming (SIGINT) Sensors, was forwarded to USIB on 19 April 1963. It is understood that D-13/5 has not yet been forwarded to the NRO(S) for appropriate collection action since it was attached to COMOR-D-13/6 (Requirement for Image Forming Sensors) and forwarded to USIB as a package. This delay will continue to jeopardize the SIGINT satellite program since COMOR-D-13/5 is intended to be utilized as the basis for all SIGINT collection requirements.
2. In March 1963 COMOR forwarded interim guidance to the NRO(S) concerning SIGINT target objectives and research and development needs (COMOR-D-65/2). This guidance was based on the requirements outlined in COMOR-D-13/5 and intelligence current at that time. COMOR-D-65/2 also commented on the adequacy of the launch schedule programmed at that time and made recommendations concerning extension of the frequency coverage in ROB packages and a request for additional Directed Coverage packages.
3. In view of the above the COMOR SWG strongly recommends that COMOR take the following actions:
 - a. Separate COMOR-D-13/5 and COMOR-D-13/6 in order that the statement of SIGINT requirements (COMOR-D-13/5) be allowed to stand on its own merits to expedite its return to the USIB thence, if approved, to the NRO(S) for appropriate action.
 - b. Consider the attached guidance, and if approved, forward to the NRO(S) as soon as possible.

(signed)

Thomas J. Shepherd
Major USAF
Chairman

COMOR SIGINT Working Group

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COMOR-D-65/5

Additional Guidance re COMOR-D-65/2,
SIGINT Satellite Target Objectives

1. In March 1963, COMOR-D-65/2, Subject: "Interim Guidance re Satellite SIGINT Target Objectives and R&D Needs," was forwarded to your office. As you recall, D-65/2 stated that the launch schedule proposed at that time adhered quite closely to the priorities, concepts, schedule and periodicity desired by the intelligence community. Since March 1963, five SIGINT packages have been launched. A review of these missions, those proposed for launch through FY-64, and current objectives has indicated the need for updating the basic guidance.

2. In order to provide requirements or objectives in a timely fashion, COMOR is investigating the development of an automated SIGINT reconnaissance objectives index (SROI) which will be continuously reviewed and updated by the CSWG. The card file now in use by NRO(S) was an initial step in the SROI development. The deck, however, has become obsolete and can no longer be considered to reflect the most current priority objectives. For this reason it is requested that the deck be discarded. Pending the final development of an automated system, it is requested that the NRO(S) use the following statement of SIGINT objectives for tasking of vehicles in the current schedule for FY-64.

3

BYE-3363-63

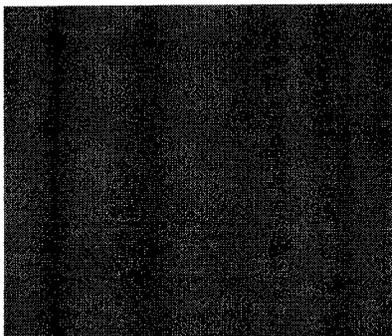
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COMOR-D-65/5

3. Radar Order of Battle The current highest priority frequencies listed in priority order for Radar Order of Battle coverage are:



It is desired that applicable frequency bands be covered by at least one per quarter. It is noted that [redacted] launches are currently scheduled for the three month period of January, - February - March 1964, the previous [redacted] having been launched [redacted] 1963. If such scheduling means that the next [redacted] launch after March is more than three months, it is then considered that these forthcoming shots are scheduled too closely together.

4. General Search [redacted] currently in orbit and [redacted] if successfully launched, will provide adequate coverage in the frequency bands now programmed. It is pointed out that vacancies exist which should be programmed for adequate coverage from [redacted]. Although the POPPY satellites are primarily General Search vehicles designed to provide as complete coverage of the frequency spectrum as possible, they

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1 AUGUST 2015

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COMOR-D-65/5

also have an inherent ROB capability. To permit more effective utilization of this capability through [REDACTED] location-finding techniques, [REDACTED]

5. Directed Coverage

a. Directed Coverage vehicles should be designed and launched only against targets requested by COMOR since the purpose of the Directed Search concept is to gather technical data on high priority targets. It is noted that Missions 7207 and 7216 were launched approximately one week apart in response to the same COMOR objectives. Duplication of this type is not considered warranted in light of the fact that the capability of one vehicle to satisfy the primary intelligence objective had not been determined prior to the launch of the second vehicle (7216). Furthermore, Mission 7208, contrary to current mission classification, cannot be identified with any specific high priority directed coverage intelligence objective.

b. The technical problems associated with the collection of communications emitters are recognized, however, the importance of such efforts dictates that a vigorous R&D effort be pursued. Specific recommendations for future communications emitter collection efforts are:

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(1)

[REDACTED]

(2)

[REDACTED]

(3) That an effort be made to insure a NEW JERSEY, [REDACTED] package is launched to coincide with the annual increase in Soviet Long Range Air exercise activity that usually commences during March/April.

(4) That every effort be made to insure that a payload directed against the [REDACTED] signal is launched at the earliest possible date. A capability to locate [REDACTED] emitters and to sample the contents of [REDACTED] communications should be an early goal of this program.

(5) That the VINO payload be launched as soon as possible.

6. It has become apparent that state-of-the-art advances may make it possible to modify a given mission description to

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COMOR-D-65/5

accomplish an additional task without degrading the mission's capability to accomplish its primary goal. The NRO(S) when advised of such a possibility should make every effort to modify the mission accordingly.

7

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	20	TSO CIA
	21-30	Asst/OPS(NPIC)
	31	LS/PID(NPIC)
	32	DDI TCO SpeCenter
	33, 34	CGS
	35, 36	CIA COMOR Member
	37	CGS/ReqBr/ReconGrp
	38	Ch/COMOR Wkg Grp
	39	AD/SI
	40	DDP TCO
	41	DDS&T TCO
	42	AD/OSA
	43	FA/OSA
	44	ID/OSA
	45	SS/OSA
	46	SAL/OSA
	47-50	SA/DDS&T

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