

C03107613

NRO APPROVED FOR RELEASE
1 AUGUST 2015
Control System

~~TOP SECRET~~

Comor file

COMOR-D-65/3

17 April 1963

MEMORANDUM FOR: Committee on Overhead Reconnaissance
SUBJECT: Interim COMOR Guidance Re Satellite
SIGINT Target Objectives and R&D Need

Attached for the information of COMOR is a memorandum from the Director, NRO Staff on the above subject. This is in response to the recommendation of COMOR which is set forth in COMOR-D-65/1.

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



Attachment:
Subject paper.

- Copies 2, 3 State TCO
- 4 DIA (Col. Ainsworth)
- 5 DIA (D/NIC)
- 6, 7, 8, 9 DIA TCO
- 10 OACSI TCO
- 11, 12 ONI TCO
- 13, 14 AFNIN TCO
- 15, 16 NSA TCO
- 17, 18 NRO TCO

BYE-2153-63
Copy 42 of 43

~~TOP SECRET~~ Handle via BYEMAN
Control System

GROUP 1
Excluded from automatic
downgrading and declassification

~~TOP SECRET~~

COMOR-D-65/3

15 April 1963

MEMORANDUM FOR THE CHAIRMAN, COMOR

SUBJECT: Interim COMOR Guidance Re Satellite
SIGINT Target Objectives and R&D Need

In regard to your memorandum of 18 March 1963, the target card file mentioned therein has been received. This card file will be a useful tool in SIGINT satellite operational planning.

The following are some specific comments regarding COMOR suggestions on the currently planned missions:

a. Efforts are being taken to provide coverage in the 650-800 mcs and 4900-5100 mc regions. R/D on [redacted] payloads to cover these frequencies has been underway for some time and the first flight of this group should be available about January 1964. The POPPY mission in May 1963 will cover the lower of these two bands while the October 1963 mission will provide the recommended C-band coverage. The [redacted] series of missions is also designed to help fill the need for C-band coverage.

b. Engineering problems make the coverage of the 150-160 mcs region by POPPY impractical at this time, but in appreciation of the interest in this frequency range, an [redacted] package, Mission 7202 (WILD BILL), has been modified to cover the 150-210 mcs range and its launch date advanced to April 1963.

c. The actual frequency coverage of POPPY [redacted] will be determined by the performance of the previous missions as well as the latest intelligence requirements. Dependent upon the nature of the frequency requirements, changes could be made up to three months before the launch of these missions.

d. The VINO device to collect the [redacted] signal [redacted] is scheduled to be back from modification at the manufacturer for a July launch. A GRAPEJUICE

2

Handle via BYEMAN
Control System~~TOP SECRET~~

~~TOP SECRET~~

COMOR-D-65/3

will also be flown against the same signal shortly after VINO. Additional devices of these types will be procured when present design problems are resolved.

e. Mission 7209 (NEW JERSEY) will be assigned to a flight vehicle for launch as soon as it is available from the manufacturer where it is being modified. The launch date will be sometime after July 1963.

f. It would seem that missions other than TAKI, such as 7207 [REDACTED] may also yield valuable information on the lobe structure of the TALL KING radars. A successful [REDACTED] should help satisfy the location needs for these radars.

signed
JOHN L. MARTIN, JR.
Colonel, USAF
Director, NRO Staff
(BYE-4938-63)

~~TOP SECRET~~Handle via BYEMAN
Control System

C03107613

NRO APPROVED FOR RELEASE
Handle via BYEMAN
1 AUGUST 2015
Control System

~~TOP SECRET~~

COMOR-D-65/3

Copy 1 DCI TCO For USIB/S
20, 19 Asst/Ops (NPIC)
21 C/PSD(NPIC)
22 C/PID(NPIC)
23 C/CSD(NPIC)
24 LS/PID(NPIC)
25 TSO CIA
26, 27 DDI TCO
28, 29 OSI TCO for CIA COMOR Member
30, 31 OSI TCO
32 OCI TCO
33 ORR TCO
34 DDP TCO
35 DDR TCO
36 AD/OSA
37 FA/OSA
38 Intel/OSA
39 SO/OSA
40 SAL/OSA
41-43 SA/DDR