19 March 1963

MEMORANDUM FOR THE CHAIRMAN, SIGINT WORKING GROUP, COMOR

SUBJECT: Satellite SIGINT Mission Descriptions

In accordance with my memorandum of 8 January 1963, the attached descriptions on Missions 7207 and [redacted] are forwarded herewith.

JOHN L. MARTIN, JR.
Colonel, USAF
Director, NRO Staff

2 Attachments:
Msn 7207 (6 cys)

Handle via BYEMAN Control System
SIGINT Mission #7207

Payload: WILD BILL

Objectives: Primary

1. Detection, identification and location of the suspected Soviet ABM radar.

Secondary

1. Comparison of WILD BILL digital system vs the analog system in for assessment of identification criteria.

2. Environmental testing of the sweeping filter concept.

Related SIGINT Requirements:

Category 1. a. (1) Extended Range Emitters
Terminal Track and Discrimination Emitters
ABM Guidance Radars
Air Defense Emitters
1. a. (2) ESV Surveillance Radars

Frequency Coverage: 500-500 mcs Sweeping Filter (range may be adjusted two months prior to flight)

Processor: NSA

Scheduled Launch Date: 16 APR 63

Number of Programmed Collection Orbits: 320

Total Programmed Hours of Intercept: 106

Type of Output: TM 60-point commutator
TM 5 KC detected video analog
Payload:

Objectives: Primary

Secondary

Related SIGINT Requirement:

Category 4.a.

Frequency Coverage:

Processor: NSA

Scheduled Launch Date: 30 Apr 63

Number of Programmed Collection Orbits: 270

Total Programmed Hours of Intercept:

- Transpond 180
- Record/Readout 108

Types of Output: