

C03147893

NRO APPROVED FOR RELEASE
1 AUGUST 2015

SA/RDR NRO file
SA (COMOR)/DDS&T

~~TOP SECRET~~

DEPARTMENT OF THE AIR FORCE
WASHINGTON

Satellite SIGINT files

file- 1180

OFFICE OF THE SECRETARY

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.

2 Atchs:
Msn 7207 (6 cys)
[redacted]

John L. Martin, Jr.
JOHN L. MARTIN, JR.
Colonel, USAF
Director, NRO Staff

Handle via BYEMAN
Control System

~~TOP SECRET~~
7 copy of [redacted] copies

COPY 1 OF 4 COPIES
PAGE 1 OF 1 PAGES
SAFSS BYE4857-62

~~TOP SECRET~~ [REDACTED]
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 [REDACTED] 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~~
~~2. a. Air Defense Emitters~~
1. a. (2) ESV Surveillance Radars

Frequency Coverage: ¹⁵⁰⁻²²⁰~~550-600~~ 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

C03147893

NRO APPROVED FOR RELEASE
1 AUGUST 2015

~~TOP SECRET~~
Handle via BYEMAN
Control System



SIGINT



Payload:



Objectives:

Primary

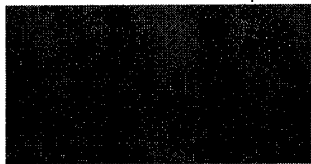


Secondary



Related SIGINT Requirement:

Category 4. a.



Frequency Coverage:

Processor:

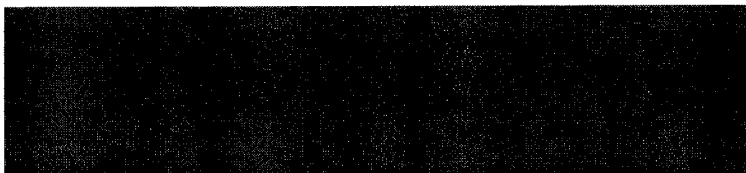
NSA

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:



~~TOP SECRET~~

Copy _____ of _____ Copies
Page _____ of _____ Pages.