Central System

SIGINT Mission #7301

Payload:

PUNDIT

Objectives:

Primary

- 1. Detect, recognize and record or transpond Soviet ballistic missile telemetry transmissions.
- 2. Determine density and disposition of such transmissions as might relate to operational sites.

Secondary

1. Environmental reliability test of signal recognition circuitry.

Frequency Coverage:

60-80 mc step scan

71, 76 mc fix tuned

Processor: NSA

Scheduled Launch Date: 25 October 1963

Number of Programmed Collection Orbits: 270

Total Programmed Hours of Intercept:

Transpond

180

Record/Readout

108

Types of Output:

Enciphered 50KC video analog (transponded)

TM 5KC video analog

2-TM 50KC video analog)

Remote readout

TM-60-point commutator)

200.10

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TCP SEGNET Handle via BYEMA Control System

SIGINT MISSION 7303

Payload: PUNDIT

Objectives: Primary:

- 1. Detect, recognize and record or transpond Soviet ballistic missile telemetry transmissions.
- 2. Determine density and disposition of such transmissions as might relate to operational sites.

Secondary:

1. Environmental reliability test of signal recognition circuitry.

Frequency Coverage:

60 - 80 scanning receiver

66, 71, 76 fixed tuned receivers

Processor: NSA

Scheduled Launch Date: July 1964

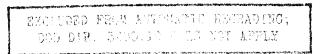
Programmed Lifetime: 6 months

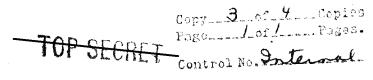
Number of Programmed Collection Orbits: 1000

Total Programmed Hours of Intercept: 400

Types of Output: (1) Enciphered 50 KC video analog (transponded).

(2) 50 KC and 10 KC video analog (remote readout).





SIGINT MISSION 7309

Payload: PUNDIT

Objective: Primary:

- 1. Detect, recognize and record or transpond Soviet ballistic missile telemetry transmission.
- 2. Determine density and disposition of such transmission as might relate to operational sites.

Secondary:

Detect and record or transpond Soviet AM and FM transmissions
to determine signal environment in the frequency range of the
payload.

Frequency Coverage:

60-30 scanning superhetrodyne receiver 61,66,71,76 fixed tuned superhetrodyne receivers

Processon: NSA

Scheduled Launch Date: 19 April 65

Programmed Lifetime: 6 months

Number of Programmed Collection Orbits: 1000

Total Programmed Hours of Intercept: 400

Types of Output:

- (1) Enciphered 50KC video analog (transponded), or
- (2) 50KC and 10KC video analog (remote readout).

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Approved for Release: 2024/08/06 C05098667