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)

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Handle via BYEMAN
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).

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~~TOP SECRET~~ Control No. Internal

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:

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

Frequency Coverage:

60-80 scanning superhetrodyne receiver
61, 66, 71, 76 fixed tuned superhetrodyne receivers

Processor: 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).