

1964 MAY 1 01 35

SAFSS

07185

BT /010011Z ZEA ZPO []

BT

XXXXX ZEA

EIGHT NINE SEVEN WORTH ONE THREE SIX [] ZERO NINE EIGHT [] FIVE

SIX FOUR OPCEN

OPCEN PASS ADIC MANOR

50X1

7309

TOP SECRET 010011Z

ROUTINE WORTH [] WHIG MARGO INFO [] ADIC MANOR CITE WAHOC 3190

REINDEER-21/WEDGE

A. 7307 (should be 7309)

B. PUNDIT IV.

C. DETECT AND RECOGNIZE SOVIET BALLISTIC MISSILE TELEMTRY TRANSMISSIONS.

D. 60-80 MC

E. NOVEMBER 1964.

TOP SECRET

CFN: 3190 -21 7307 IV SOVIET 60-80 MC NOVEMBER 1964

BT

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07185

1964 OCT 23 22 02

SAFSS 5534

/231849Z ZEA

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XXXXX ZEA

TWO ONE THREE WORTH

7309

TOP SECRET 231849Z

PRIORITY WORTH INFO WAHOO CITE WHIG 1877

SUBJ: PUNDIT IV (7309)

1. (S) DNRO HAS VALID REQUIREMENT FOR CONTINUING SIGNAL ENVIRONMENT DATA COLLECTION BEGUN IN PUNDITS I, II. PROPOSE NARROW BAND RECORD OF MODE A RECEIVER OUTPUT THROUGH SEPARATE LOG IF PRESERVING AMPLITUDE ± 5 DB. ALSO ENABLE THIS DATA TO BE RECORDED DURING MODE B PASSES WITH TRANSDUCER OFF AND NO MORE THAN ONE DB LOSS ON MODE B INPUT.

2. NSA IS CURRENTLY BUILDING ON CONTRACT WITH STL AN IMPROVED GENERAL DEVICE APPLICABLE TO PUNDIT TYPE PAYLOADS TO REPLACE THE HRB BOXES USED TO DATE. GROUND DATA HANDLING CONSIDERATIONS MAKE IT HIGHLY DESIRABLE TO INCLUDE THIS IN 7309. DETAILS OF INTERFACING WILL BE FORWARDED ASAP.

3. REQUEST COMMENTS.

TOP SECRET

CFN: IF NEEDED REQ RERUN

BT

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5534

~~TOP SECRET~~

Handle via DYEMAN
Control System

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Handle via BYEMAN

Control System

INCOMING

104 11 2 21 30

14894

SAFSS

/122129Z ZEA

BT

XXXXX ZEA

THREE THREE SIX WORTH NINE THREE SIX

50X1

TOP SECRET 122129Z

WORTH INFO WHIG CITE WAHOO 5837

REINDEER-X

A. 7309

B. DESIRE THIS MISSION BE FLOWN IN CIRCULAR ORBIT

AT ALTITUDE OF 275 NAUTICAL MILES.

TOP SECRET

CFW: 5837 7309 275 NAUTICAL MILES.

BT

14894

~~SECRET~~

Handle via BYEMAN
Control System

INCOMING

15109

7309

QSLTSBA784/182326Z ZEA

BT

XXXXX ZEA

ZERO FOUR EIGHT GUARD

50X1

~~SECRET~~ 182318Z

WHIG CITE WORTH 6378.

EARPOP

REF: WHIG 1877.

1. CONTRACTOR HAS BEEN DIRECTED TO INCORPORATE IN PUNDIT IV (7309) PROVISIONS FOR SIGNAL ENVIRONMENT DATA COLLECTION. THIS ADDITION TO THE BASIC SYSTEM WILL BE REFERRED TO AS MODE C AND WILL OPERATE IN ACCORDANCE WITH RESTRICTION SET FORTH IN PARA 1 OF REF MESSAGE.

2. WITH RESPECT TO YOUR PROPOSAL (PARA 2 OF REF MESSAGE), DISCUSSION WITH MR. KING OF NSA INDICATE THAT THE STL DEVICE (EXPERIMENTAL MODEL) WILL NOT BE DELIVERED UNTIL MARCH 1965 WITH SERVICE TEST MODEL DELIVERY SEVERAL MONTHS LATER. [] RECOMMENDS THAT USE OF THIS DEVICE BE CONSIDERED FOR PUNDIT V RATHER THAN PUNDIT IV IN ORDER TO ALLOW TIME FOR PROPER TESTING.

~~SECRET~~

CFN: 6378 EARPOP REF WHIG 1877 1. PUNDIT IV (7309) MODE C PARA 1 REF

2. PARA 2 REF MR KING NSA STL WILL NOT BE MARCH 1965 [] PUNDIT V PUNDIT IV

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Approved for Release: 2024/08/05 C05098674
Handle via BYEMAN
Control System

6257

09-10 9 17 21

C. FOS

7309

/091715Z ZEA

BT
XXXXX ZEA
FIVE ONE EIGHT WORTH

~~SECRET~~ 091631Z
WORTH INFO MARGO WAHOO CITE WHIG 2089
REFERENCE: WORTH 6352. ITEM E (2)
7309 MODE A AND MODE C SWEEPS WILL BE COMMON WITH 256
STEPS IN 10 SEC. MODE A BACK-UP RECORD WILL BE THROUGH MODE C.
~~SECRET~~
CFN: 2089 6352 ITEM E (2) 7309 MODE A MODE C 256 STEPS 10
SEC BACK-UP MODE C
BT

50X1

NNNN

~~SECRET~~
Handle via BYEMAN
Control System

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16202

SECRET
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Control System

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PRIORITY

SAFSS

MSG 067

DID2 19/1930Z ZEA
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XXXXX ZEA
ZERO ZERO SEVEN GUARD
SSO

SECRET 101835Z
PRIORITY WAMOO INFO WORTH CITE MADAM 0488
EARPOP
SUBJ: PUNDIT IV

OPERATION IN MODE A FOR 24 MINUTES CAUSES UNACCEPTABLE TEMPERATURE RISE. REQUEST CONCURRENCE ON 15 MINUTES MAXIMUM CONTINUOUS OPERATION IN MODE A.

SECRET
CFN: 0488 PUNDIT IV OPERATION IN MODE A FOR 24 MINUTES CAUSES UNACCEPTABLE TEMPERATURE RISE. REQUEST CONCURRENCE ON 15 MINUTES MAXIMUM CONTINUOUS OPERATION
BT

SAFSS-4	ACTION	INFO
DIRECTOR		
DEPUTY		
CORONA		
GAMBIT		
EARPOP		
WEATHER		
INTELL		
COMM		
ADMIN		

@ 270 rpm T=94.5
= 2.6 min/10°
as 15 min covers 57°
Plenty for POLARIS
or even 70" incl
(Difficult to get over
from 2 3rd class pass
anyway)

SECRET

Handle via BYEMAN

PRIORITY

16217

/102225Z ZEA

BT

XXXXX ZEA

ZERO EIGHT THREE

FIVE TWO NINE WORTH

PASS MADAM

7309

50X1

TOP SECRET 102149Z
PRIORITY MADAM INFO WORTH WHIG CITE WAHOO 6279
EARPOP
REF: MADAM 0488 (NOTAL).
CONCUR
TOP SECRET
CFN: 6279 0488 CONCUR
BT

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