

DE 9321 KK EQQPYQ

TWX103/110612Z

BT

XXXXX

412

~~SECRET~~

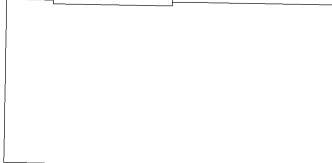
Handle via BYEMAN Control System

DE YEKHSK 6A 2221739

P R 091918Z

FM COMNAVSECGRU

TO



TOR 0950
8-12-68

INFO COMNAVINTCOM

DIRNSA

AFSCC

YSNKLDC/NRL

YEKALHC/SAFSS

ZEM

5614 *[Signature]*

~~TOP SECRET~~ BBBB EARPOP BYEMAN CHANNELS

DIRNSA FOR K4/SPO

AFSCC FOR

SAFSS FOR SOC

CITE G524/747-68

1. RESUME TASKING OF MSN 7105 ALFA COMMENCING ORBIT 6106 OF 12 AUGUST 1968.

2. *completed an evaluation of ASN*
NRL ~~NA-016555-3, 5; -77-589, 91 .SN~~ 7105 ALFA WITH THE FOLLOWING RESULTS:

A. ONE COMMAND RECEIVER IS INOPERATIVE DUE TO THE FACT THAT IT IS POWERED FROM THE NEGATIVE SUPPLY WHICH IS ADNORMALLY LOW IN VOLTAGE.

B. THE OTHER COMMAND RECEIVER WHICH IS POWERED FROM THE POSITIVE SUPPLY OPERATES, BUT AT REDUCED SENSITIVITY.

C. NRL HAS BEEN ABLE TO SUCCESSFULLY COMMAND 7105 ALFA 90 PER CENT OF THE TIME BY DOUBLING THE DURATION OF THE TONE BURSTS FROM THE WAVETEK COMMAND TONE GENERATOR.

3. COMMAND SITES WILL IMPLEMENT THE FOLLOWING PROCEDURES FOR ACTIVATION OF MSN 7105 ALFA:

READJUST ONE OF THE TWO WAVETEKS IN THE STATION SUCH THAT IT RUNS TWICE AS SLOW. THAT IS, AT PRESENT A TONE BURST CONSISTS OF 25 MILLISECONDS OF THE FIRST TONE FOLLOWED BY 25 MILLISECONDS OF THE SECOND TONE FOLLOWED BY 150 MILLTSECONJS OF NO TONE (DEAD TIME). THERE IS A SCREWDRIVER ADJUSTMENT ON THE BACK OF THE WAVETEK WHICH SHOULD BE ADJUSTED SUCH THAT THE TONE BURST IS 50 MILLISECONDS OF THE FIRST TONE FOLLOWED BY 50 MILLISECONDS OF THE SECOND FOLLOWED BY 300 MILLISECONDS OF NO TONE. ALSO THE COMMAND TRANSMITTING ANTENNA MUST BE AIMED DEAD ON TARGET TO SUCCESSFULLY COMMAND 7105 ALFA. UNLESS ABSOLUTELY NECESSARY, THE READJUSTED WAVETEK SHOULD NOT BE USED ON OTHER PAYLOADS. FROM A SECURITY STANDPOINT, THE EXTENDED ON THE AIR TIME IS A DISADVANTAGE OF THIS MODIFIED SYSTEM.



Malfunction fix

~~SECRET~~

Handle via BYEMAN Control System

GP-1
280

TOP 0906
8-5-68

NNNNTWX034
/041740Z
BT
XXXXX
377

~~SECRET~~

Handle via BYEMAN
Control System

5614 RWD

R 031044Z
FM []
TO COMNAVSECGRU
INFO YSNKLDG/NAVRESEARCHLAB
ZEM

~~SECRET~~ BBBBB EARPOP/BYEMAN CHANNELS
05A/5975:

- 1. ARRIVED IGW AREA IN RESET CONDITION. INADVERTENTLY INTERROGATED GROUP TWENTY-TWO PIII). MANUALLY RESET AT 021727:02Z DIGING ORBIT 5976. NO DATA WAS RECIEVED PRIOR TO RESET.

080

~~SECRET~~

Handle via BYEMAN
Control System

NNNN

TWX036/031730Z

BT
XXXXX

[] 375

~~TOP SECRET~~

TOR 0910
8-5-68

Handle via BYEMAN
Control System

DE YFNHRA 6 2161159
O 031200Z ZYH
FM []
TO DIRNSA
INFO COMNAVSECGRU
COMNAVINTVOM
YSNKLDC/NRL
ZEMO

5614 *[Signature]*

~~TOP SECRET~~ BBBB EARPOP BYEMAN CHANNELS

- DIRNSA FOR A65 GILBERT ANDO
- DEFSMAC IMMEDIATE
- INFO K44 ATTN: MR. GALLAGHER
- A. CITE NSA SPO 295-8 141748 FEB 68
- B. CITE NSA/SPO 1053-8 271951 JUNE 68
- 1.
- A. 7104C/7287
- B. [] RECORDED ON [] MC/S BAND
- C. MONEO
- D. []
- E. 1144:20Z-1144:26Z
- F. DUAL BEAMS NOTED

631200
1144:20
15 min

~~TOP SECRET~~

Handle via BYEMAN
Control System

120

W