

|                                                                                                |                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. DATE - TIME GROUP<br>4 November 1964 05/0728Z                                               | 2. LOCATION<br>49.58N 171.02W (Pacific)                                                                                                                                                                                                       |
| 3. SOURCE<br>Military                                                                          | 10. CONCLUSION<br>Satellite (ECHO II)                                                                                                                                                                                                         |
| 4. NUMBER OF OBJECTS<br>One                                                                    | ECHO II at 70 deg Norht, 166 deg East heading SE at time of observation. Satellite in position for observation.                                                                                                                               |
| 5. LENGTH OF OBSERVATION<br>8 Minutes                                                          | 11. BRIEF SUMMARY AND ANALYSIS<br><br>Possible Satellite white brightness of 2d mag star in flight Norht to South under observation for eight minutes. Sighted at 350 deg azimuth 40 deg elevation. Disappeared overhead at 80 deg elevation. |
| 6. TYPE OF OBSERVATION<br>Air-Visual                                                           |                                                                                                                                                                                                                                               |
| 7. COURSE<br>South                                                                             |                                                                                                                                                                                                                                               |
| 8. PHOTOS<br><input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No            |                                                                                                                                                                                                                                               |
| 9. PHYSICAL EVIDENCE<br><input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No |                                                                                                                                                                                                                                               |

FORM  
FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

INCOMING  
MESSAGE

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE BRANCH

5 NOV  
UNCLASSIFIED

AF IN : 18660 (5 Nov 64) A/jpr

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INFO : NIN-7, XOP-1, XOPX-7, SAF-OS-3, JCS/OSD-50, NSA-7, DIA-15 (91)

SMB 3113

CZCHQB537ZC IJA004

OO RUEAHQ

DE RUHLKH 4 05/0849Z

ZNR

O 050945Z

FM 326AIRDIV KUNIA FACILITY HA

TO RUHLKM/PACAF

RUHPHH/COMHAWSEAFRON

INFO RUEAHQ/CSAF

RUECW/CNO

RUECW/SECNAV

RUWGALB/C INCNORAD

RUHLHQ/C INCPAC

RUHLHS/C INCUSARPAC

RUHLHL/C INCPACFLT

RUAUAZ/COMUSJAPAN

RUAMC/COMUKOREA

RUAGFL/COMUSTDC

RUCSC/C INCSAC

BT

UNCLASS/326 AD-CO 01193

1- CIRVIS REPORT

ECCH II INOV 10728Z

1.28  
6.55.0

33

70°N

50°N

340.86

147.

194° - 166°E

340.86

-160 -

180°W

↓ S

ECCH I 0728Z

20

45°N

202.

-45

197°

163°E

NT ↑

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2- NV 43224

3- POSSIBLE SATILITE, WHITE IN COLOR, BRIGHTNESS OF SECOND

MAGNITUDE STAR, ROUND IN SHAPE WITH NO TAIL.

4- 49-58N; 171-02W

5- 05/0723

6- VERY HIGH

7- NORTH TO SOUTH BRG 350 DEG. 40 DEG. ABOVE HORIZON

FADED OVER HEAD AT 30 DEG.SABOGW HORIZON

8- UNKNOWN

9- SIGHTING WITNESSED BY FOUR PEOPLE

BT NOTE : ADV CY DELIVERED TO DIA, NIN, XOPX.  
Message transmitted to CIA (per 114).

| EQUATOR<br>S-N   |        |       | SATELLITE 1964 4 A<br>FOR OTHER LATITUDES |        |      |       |       |         |      |        |
|------------------|--------|-------|-------------------------------------------|--------|------|-------|-------|---------|------|--------|
| TIME             | LONG.  | LAT.  | TIME                                      | LONG.  | HT.  | BEAR. | TIME  | LONG.   | HT.  | BEAR.  |
| (UT)             | (W)    |       | CORR.                                     | CORR.  | (MI) | (N-E) | CORR. | CORR.   | (MI) | (N-E)  |
| NOVEMBER 5, 1964 |        |       |                                           |        |      |       |       |         |      |        |
| 1 29.1           | 258.96 | 81.6  | 27.3                                      | -83.10 | 728  | 90.0° | 27.3  | -83.18  | 728  | 90.0°  |
| 3 17.7           | 296.26 | 80.0  | 25.7                                      | -50.70 | 731  | 57.2° | 28.9  | -115.58 | 726  | 122.8° |
| 5 6.4            | 313.56 | 70.0  | 21.8                                      | -18.55 | 736  | 24.2° | 32.8  | -147.75 | 719  | 155.8° |
| 6 55.0           | 340.86 | 50.0  | 15.4                                      | -6.31  | 742  | 10.9° | 39.1  | -160.01 | 708  | 169.1° |
| 8 43.7           | 8.16   | 40.0  | 12.3                                      | -4.06  | 744  | 8.3°  | 42.2  | -162.27 | 703  | 171.7° |
| 10 32.4          | 35.46  | 30.0  | 9.2                                       | -2.60  | 745  | 6.6°  | 45.2  | -163.74 | 699  | 173.3° |
| 12 21.0          | 62.76  | 20.0  | 6.1                                       | -1.56  | 747  | 5.6°  | 48.2  | -164.80 | 697  | 174.4° |
| 14 9.7           | 90.06  | 0.    | 0.                                        | 0.     | 749  | 4.8°  | 54.2  | -166.38 | 696  | 175.1° |
| 15 58.3          | 117.36 | -20.0 | -6.1                                      | 1.55   | 752  | 5.6°  | -48.4 | 164.75  | 702  | 174.4° |
| 17 47.0          | 144.66 | -30.0 | -9.2                                      | 2.60   | 753  | 6.6°  | -45.4 | 163.69  | 707  | 173.3° |
| 19 35.6          | 171.96 | -40.0 | -12.3                                     | 4.05   | 753  | 8.3°  | -42.4 | 162.22  | 713  | 171.7° |
| 21 24.3          | 199.26 | -50.0 | -15.4                                     | 6.29   | 753  | 10.9° | -39.3 | 159.96  | 719  | 169.1° |
| 23 12.9          | 226.56 | -70.0 | -21.8                                     | 18.53  | 750  | 24.2° | -32.9 | 147.71  | 733  | 155.8° |
|                  |        | -80.0 | -25.8                                     | 50.68  | 745  | 57.2° | -29.0 | 115.55  | 740  | 122.8° |
|                  |        | -81.6 | -27.4                                     | 83.08  | 743  | 90.0° | -27.4 | 83.15   | 743  | 90.0°  |

INCOMING  
MESSAGE

05/0728-2  
DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE BRANCH

~~SECRET~~  
UNCLASSIFIED

AF IN : 18661 (5 Nov 64) A/jpr

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INFO : NIN-7, DIA-15, XOP-1, XOPX-7, SAF-OS-3, NSA-7, JCS/OSD-50 (91)

SMB A109

ZCZCHQA391ZCCJD780

OO RUEAHQ

DE RUHPF B749 05/0834Z

ZNR

O 050834Z

FM ADMINO COMBARFORPAC

TO RUKACR/C MALSEAFRON

RUKDAG/C MALAIRC OM

RUHLKM/C INCPACAF

ZEN/C INCNORAD

INFO RUECW/CNO

RUEAHQ/C OFS USAF

RUHLHQ/C INCPAC

RUHLHL/C INCPACFLT

RUHLHS/C INCUSARPAC

RUHLKSA/PACAF BASECOM COMMAND CENTER HICKAM AFB

RUECW/SECNAV

RUHPHH/C MHAWSEAFRON

RUHLKH/HADD KUNIA

BT

UNCLAS.

A. JANAP 146D

1. CIRVIS REPORT

2. NAVY 43224

INCOMING

MESSAGE

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE BRANCH

UNCLASSIFIED

AF IN : 18661 (5 Nov 64)

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PAGE TWO RUHPF B749 UNCLAS

3. POSSIBLE SATELLITE. WHITE. BRIGHTNESS OF  
SECOND MAGNITUDE STAR.

4. POSITION OF OBSERVER 49-58N 171-02W

5. 050728Z TO 050736Z

6. HVERY HIGH

7. NORTH TO SOUTH

FIRST SIGHTED BRG 350 DEGREES AT ALT 040 DEGREES.

FADED OVER HEAD AT 80 DEGREES ALTITUDE

8. UNKNOWN

9. NONE

BT NOTE : ADV CY DELIVERED TO DIA, NIN and XOPX.  
Message transmitted to CIA (per 115).