

1. DATE - TIME GROUP 23 November 1964 24/0420Z	2. LOCATION 30N 140W (Pacific)
3. SOURCE USS PONTCHARTRAIN	10. CONCLUSION Satellite (ECHO I)
4. NUMBER OF OBJECTS One	Satellite ECHO I at 35 deg N 143 deg W in position for the observation. Satellite heading SE. Case evaluated as an observation of ECHO I. 11. BRIEF SUMMARY AND ANALYSIS Bright starlike object (light) observed overhead moving on a course of 120 degrees. Speed unknown. Believed to be a satellite.
5. LENGTH OF OBSERVATION Not Reported	
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE SE	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ 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

~~SECRET~~
UNCLASSIFIED

24/0420Z

AFIN: 50110 (24 Nov 64) N/bgm

ACTION : NIN-7

INFO: XOP-1, XOPX-7, SAFOS-3, JCS/OSD-1, NSA-7, DIA-15 (42)

SMB A087

ZCZCHQA5 12ZCQJA240

00 RUEAHQ

DE RUWSJ 740 24/0505Z

ZNR

O .0430Z

FM USCOC PONTCHARTRAIN

TO RUEC J/C OMDT COGARD

RUWGALB/C INCNORAD

RUEAHQ/CHIEF OF STAFF USAF WASHDC

RCCSC/C ANAIRDEF

RUWSP G/COMWESTSEAFRON

RUWSC/C MASWFORPAC

RCEOA/CANCOMARPAC

BT

UNCLAS

MERINT PONTCHARTRAIN/NRUU

BRIGHT STAR LIKE LIGHT 30N 140W 240420Z 90 DEGREES ALT. MOVING
120 DEGREES SPEED UNKNOWN BELIEVED TO BE SATELITE SEA CALM WX
CLEAR

BT

NOTE: XMITTED TO CIA PER AF HQ FORM 1392 # 456
Advance copy to XOPX, NIN, DIA.

ECR 1

24/0420

0339

+41

272.57

-129-

350N

143°W

NOVEMBER 24, 1964

1	44.9	243.70	47.4	28.0	-82.88	900	90.0*	28.1	-82.93	900	90.0*
3	39.0	272.57	45.0	22.9	-60.98	877	72.4*	33.3	-104.82	922	107.6*
5	33.1	301.44	40.0	18.8	-45.69	858	60.7*	37.5	-120.07	936	119.3*
7	27.2	330.31	35.0	15.8	-36.05	845	54.0*	40.6	-129.68	945	126.0*
9	21.3	359.18	30.0	13.2	-28.71	835	49.4	43.3	-137.00	951	130.6*
11	15.4	28.05	20.0	8.5	-17.38	818	43.7	48.3	-148.25	959	136.3
13	9.5	56.92	0.	0.	0.	802	40.0	57.3	-165.50	961	140.1
15	3.6	85.79	-20.0	-8.5	17.39	807	43.7	-47.9	148.34	947	136.3
16	57.7	114.66	-30.0	-13.1	28.72	817	49.5*	-43.0	137.08	933	130.6
18	51.9	143.53	-35.0	-15.7	36.07	825	54.0*	-40.3	129.76	924	126.0*
20	46.0	172.40	-40.0	-18.7	45.72	836	60.8*	-37.2	120.14	913	119.3*
22	40.1	201.27	-45.0	-22.8	61.01	852	72.4*	-33.0	104.88	896	107.6*
			-47.4	-27.9	82.93	874	90.0*	-27.9	82.97	874	90.0*

1. DATE - TIME GROUP 28 November 64 28/1436Z	2. LOCATION 30N 140W (Pacific)
3. SOURCE USS PONTCHARTRAIN	10. CONCLUSION Satellite (ECHO II)
4. NUMBER OF OBJECTS One	
5. LENGTH OF OBSERVATION Not Reported	11. BRIEF SUMMARY AND ANALYSIS Star-like object observed at (garbled). Possible Satellite.
6. TYPE OF OBSERVATION Ground-Visual	COMMENTS: ECHO I not in area. ECHO II at 40 deg North 131 deg West. Possible observation of ECHO II. Satellite near position of observation and sighting. Characteristic of a Satellite observation. ECHO II heading North. Direction of flight not noted in report.
7. COURSE Not Reported	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

INCOMING
MESSAGE

28/1436
DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

~~SATELLITE~~
UNCLASSIFIED

AF IN : 58611 (28 Nov 64) X/wlc

ACTION: NIN-7

INFO : XOP-1, XOPX-7, SAFOS-3, JCS/OSD-1, NSA-7, DIA-15 (42)

SMB A123

CZCHQA081ZCQJA314

00 RUEAHQ

DE RUWSJ 034 28/1514Z

ZNR

O 281440Z

FM USC & PONTCHARTRAIN

TO RUECJD/C OMDT COGARD

RUWGALB/C INCNORAD

RUEAHQ/C OFS USAF

RCCSC/C ANAIRDEF

ZEN/C OMWESTAREA

RUWSP G/C OMWESTSEAFRON

RUHPD/C MASWF ORPAC

RCWNM/CANC MARPAC

BT

UNCLAS

MERINT PONTCHARTRAIN

STAR LIKE (30N) 140W 28/1436Z ALT 3" 040T 010T SPEED UNKNOWN

POSS SATELLITE SEA/WX CALM CLEAR

BT NOTE: ADV CY DEL TO DIA, NIN AND XOPX.
RETRANSMITTED TO CIA.

ETC I (No 11)
28/1436 — 89.29
1408 — 82.90
+28 7°

47.5°N 7°W

ETC II POSS
28/1436 135°W
1423 — 14
MM + 13 40°N 130°W

NOVEMBER 28, 1964

EC60 II

1 43.2	303.96	81.6	27.2	-83.12	747	90.0*	27.2	-83.20	747	90.0*
3 31.8	331.25	80.0	25.6	-50.60	747	57.1*	28.9	-115.72	747	122.9*
5 20.5	358.54	70.0	21.7	-18.53	745	24.2*	32.8	-147.78	745	155.8*
7 9.1	25.83	50.0	15.3	-6.32	739	10.9*	39.2	-160.00	739	169.1*
8 57.7	53.13	40.0	12.2	-4.07	735	8.3*	42.3	-162.25	735	171.7*
10 46.3	80.42	30.0	9.1	-2.61	731	6.6*	45.3	-163.71	731	173.4*
12 35.0	107.71	20.0	6.0	-1.57	728	5.6*	48.4	-164.76	727	174.4*
14 23.6	135.00	0.	0.	0.	722	4.8*	54.5	-166.32	721	175.2*
16 12.2	162.29	-20.0	-6.0	1.57	720	5.6*	-48.1	164.84	719	174.4*
18 0.8	189.59	-30.0	-9.1	2.61	719	6.6*	-45.0	163.79	719	173.4*
19 49.5	216.88	-40.0	-12.1	4.08	720	8.3*	-42.0	162.33	719	171.7*
21 38.1	244.17	-50.0	-15.2	6.33	721	10.9*	-38.9	160.07	720	169.1*
23 26.7	271.46	-70.0	-21.6	18.57	722	24.2*	-32.6	147.84	722	155.8*
		-80.0	-25.4	50.64	723	57.1*	-28.7	115.76	723	122.9*
		-81.6	-27.1	83.16	723	90.0*	-27.1	83.24	723	90.0*