PROJECT 10073 RECORD CARD

1. DATE	2. LOCATION		12. CONCLUSIONS
24 June 1963	39.38N 172.30W	(Pacific)	□ Was Balloon □ Probably Balloon
3. DATE-TIME GROUP Local	4. TYPE OF OBSERVATIO Ground-Visual Air-Visual 6. SOURCE	The second secon	Possibly Balloon Was Aircraft Probably Aircraft Possibly Aircraft Was Astronomical Probably Astronomical Possibly Astronomical Possibly Astronomical
7. LENGTH OF OBSERVATION Not reported	8. NUMBER OF OBJECTS	9. COURSE 075 degrees	Other Satellite (ECHO I) Insufficient Date for Evaluation Unknown
Possible Satellite on cour with brightnessof 2d magnitunknown, altitude unknown.		equator heading would place the North Latitude the time reports. This position as	801Z ECHO crossed the NE at 100 deg East. This Satellite at about 47 deg 170 deg W longitude at ed for this observation. and the description conform is of the sighting as the

ATIC FORM 329 (REV 26 SEP 52)

STAFF MESSAGE BRANCH

AF IN: 13259 (25 Jun 63) X/rdg N C O M I N G

INFO: NIN-9, XOP-1, XOPX-4, SAF-OS-3, ARMY-2, CMC-8, JCS-35, OSD-15,

DIA-25, DIA/CIIC-2, NSA-7 SMB A153

(112)

CZ CH QA 15 1Z CECB 191

YY RUEAHO

DE RUHPF BØ33

ZNR

Y 250917Z

FH COMBARPAC

TO RUHPHH/C OM HAWSEAFRON

RUHLKM/CINCPACAF

RUAUAAH HADD KUNIA

ZEN/C INCNORAD

INFO RUECW/CNO

RUEAH O'COFS USAF

RUHPA/C INCPAC

RUHP B/C INCPACELT

RUHAFS/C INCUSARPAC

RUHLKMP/PACAFBASECOM HICKMAN

RUECW/ SECNAV

NAVY GRNC

NOTE: BT

READDRESSED ELECTRICAL TRANSMISSION TO: ADVANCE COPY DELIVERED TO: DIA, NIN & XOPX

UNCLAS.

08012 260.21 08282 E-> 47°N. 177°W NNNN

INCOMING

AF IN: 13259 (25 Jun 63)

Page 2 of 2

- A. JANAP 146D
 - 1. CIRVIS RPT
 - 2. N43186
 - 3. POSS SATELLITE INTENSITY OF SECOND MAGNITUDE STAR.
 - 4. 39-38N 172-30W
 - 5. 250829Z
 - 6. ALT UNK
 - 7. CUS Ø75
 - 8. SPD UNK
 - 9. EVALUATION UNKNOWN

BT

25/Ø918Z

13296 (25 Jun 63) STAFF MESSAGE BRANCH

Page 1 of 2

INFO

NIN-9, XOP-1, XOPX-4; SAF-05-3, ARME2, NAVY-2, CMC-8,

JCS-35, OSD-15, NSA-7, DIA-25, DIA-CIIC-2 (114)

SMB A162

CZCHQA160ZCQJA602

OO RUEAHQ

DE RUHLKH 9

ZNR

0 25Ø949Z

FM 326 AIR DIV KUNIA FACILITY HAWAII

TO RUHLKM/PACAF HICKAM AFB HAWAII

RUMPHH/COMHAWSEAFRON PEARL HARBOR HAAAII

INKO RUEAHOY CSAF USAF WASH DC

RUECW/CNO WASH DC

RUECW/SECNAV WASH DC

RUWGALB/CINCNORAD ENT AFB COLO

RUHPA/CINCPAC CAMP H M SMITH HAWAII

RUHAFS/ CINCUSARPAC FT SHAFTER HAWAII

RUMPB/CINCPACFLT PEARL HARBOR HAWAII

RUAUAZ/COMUSJAPAN FUCHU AS JAPAN

RUAMC/COMUSKOREA SEOUL KOREA

RUAGFL/COMUSTDC TAIPEI TAIWAN

RUCSBRB/C INCSAC OFFUTT AFB NEBR

RUHPD/COMASWFORPAC FORD ISLAND HAWAII

AF GRNC

BT

INCOMING

NNNN

AF IN: 13296 (25 Jun 63)

Page 2 of 2

UNCLAS/C IRVIS

- 1. NAVY 43186
- 2. POSSIBLE SATALITE
- 3. 3938N 1723ØW
- 4. 25/0829Z

JTM COORSE Ø75 DEGREES

- 6. SP UNK
- 7. ALT UNK
- 8. SECOND MAGNITUDE STAR
- 9. EVALUATION UNKNOWN

BT

25/095 7Z JUN RUHLKH

NOTE: Advance copy delivered to XOPX, NIN & DIA. Retransmitted to CIA Per #636.

SATELLITE 1960 10TA 1, ECHO 1

These predictions are based on orbital elements revised on June 17, 1963
T. - June 18.0, times ere in days, U.T.

Argument of perigon = 322:464 + 3:4818 (t-T.)

Right accousion of accouding mode = 156:885 - 3:3002 (t-T.)

Inclination - 47:2699

Eccustricity - 0.049678 + 2.019 x 10 (t-T_a)

Send-major axis - 7.841343 magamators

Show mambey (Sev.) - 0.33111 + 12.302001 (t-T_a) + 1.225 x 10 (t-T_a)²

								1	36.14						17.0	2 - 1911	ALC: NO.				
EOU	ATOR			TELLITE	FOR I	OTHER LA	TITUDES				E Q1	JATOR		SI	TELLITE		INTA 1	TUDES			
Transport S.			*	South-				HORTH-		Diame.		5-h			SOUTH-		10000000 100000		NORTH-	SOUTH	
1413	LCNG.	LAT.	CINA.	CORA.		IN-LI	COAR.	CORR.		SEAR.	TIME (UT)	LOHE.	LAI.	TIME CCRR.	LONG.	HT.	HEAR.	TIME CORR.	LONG.	HT.	BEAR.
				JUN	. 22.	1963									JUA	£ 24,	1963				
1 22.7	146.52	47.5	27.4	-87.95	1003	90.00	27.8	-63.00	1003	90.00	1 17-0	162.23	47.5	27.2	-63.09	044				2000	
17-8		45.0	7 BY CO. 10 CO.	-60.90	933		33.3	-105.01	1065	107.40	3 12.	191.35	45.0	Call Control of the C	-61.00	The second secon	72.20		-83.14		107.8
12.9		35.0	15.3	-45.72	877	54.00		-120.11		4372/01/5/09		220.46	40.0		-45.80	618	60.70		-120.30		
9 3.0		30.0	To State of the St	-28.11		49.40		-129.43		130.80		278.69	35.0		-16.17				-129.84		
10 58.1		20.0		-17.45	149			-148.01		136.50		307.80		17.5	-20.02				-137.09		
問題 12 53.2		0.	0.	0.	0#1	2/2/11/20			Mark State S	140.30	17 47.5	336.91	0.	0.	0.		40.0		-165.28		
16 43.4		-10.0	-17.4	25.76	614			137.51	1001	130.70	14 42.6			-8.0			43.9	-47.3	144.53	1104	136.50
18 38.5		- 35.0	-15	36.23	645		-18.7		967	126.10	16 37.1		-35.0	-12.4		699	\$4.00		137.36		
70 33.0	71.61	-40.€	-11.6	45.44	714			120.44	921	119.44	20 27.			-11.1		149	60. 7-		120.53		119.40
22 28.1	104.19	-47.5	-71.5	57.10	150	SUMMER PROPERTY.	-11.5		808	107.80	11 22.9	122.48	-45.0	-51.6		795		-31.9	105.37		107.8.
		- 0.0		/				•,,,,		70.00			-47.5	-26.6	83.21	941	90.00	-76.1	81.28	H52	90.00
1					. 23,										JUN	+ 27.	1963			200	
The second secon	165.02	45.0		-82.98		12.20		-83.03		90.0-		151.59			-03.12				-81.17		
4 13.9		44.0		-45.14		6G. 7.		-120.15				180.70	40.0		-45.82	11 11 11 11 11 11 11 11 11 11 11 11	12.20		-105.72		
TO THE RESERVE CO. P. LEWIS CO. P. L.	263.25	\$5.0		-35-13		54.0		-179.08			6 3.1	238.93	35.0	EV. A. D. L.	-16.19	weeking the contract of the	54.00		-129.88		
9 59.7	252.36 201.46	20.0	12.7			41.70		-135.73		130.70		297.15	30.0		-28.45		44.4		-137.14		
tt 34.3		3.	1.	0.		+0.0		-165.11				326.20	20.0	g-0	-17.48		40.0		-144.29		
MINISTER A (500.00)	\$19.15	-20.0		17.49		43.A		148.67			13 43.6	355.38	-20.C	-4.0	17.49		41.8		148.48		
17 39.0	17.93	-35.0	-12.4			34.01	ALCOHOLD PLANT	137.48			15 36.1		-30.0	-17.4	PAGE TRANSPORT		49.4		137.32		
19 34.7		3.00-	-17.6		121			120.62		119.40	19 26.6		-40.0	-14.R -17.7			54.00		130.05		
21 29.7		245.0	-71.5		160	U 12 17 17 17 17 17 17 17 17 17 17 17 17 17	17E34W634M	105.45		107.4.	21 23.5	111.23	-45.0	-21.6			12.20		105.35		
1965			-25.4	83.28	420	90.0	-26.5	83.33	820	90.0-	23 19.0	140.94	-47.5	-26.1	83.27	875	90.00	-26.7	89.26	575	90.00
				10%	24.	1463									JUN	. 28.	1961				
The second secon	143.55	24.5	142 112 112 112			90.00		-83.07		90.00	1 14.7	170.05	47 4	27.4							
THE RESERVE OF THE PARTY OF THE	217.07	10.00		-45.7		12.24		-105.10		119.40	27111360	147.16	47.5		-61.05		72.20		-83.20		
7 5.2	241.61	3040	15.4	- 36.14	401	94.40		-129.73				274.61	40.0		-45.83	1746.3	60.74				107.00
	210.59	20.0		-74.80		44.40		-136.98				247.34	35.0		-36.20		\$4.00	19.9	-164.33	1072	170.10
100 mm 100 mm (200 mm 200	37			-17.4		40.0		-1411.12				315.41	30.0	1.0	-74-44	100000000000000000000000000000000000000	49.4		-137.19		
	350.19	CALL .	* .1		1160	43.4		144.62			2777	144-12	0.	0.	0.		40.0		-164.19		
16 43.5	70.11			10.10		14.04		111.44	All the second		15 14.	13.83	-70.0	-12-4	17.49		43.4		144-43	1124	154.5
25 36.4						60.70		1000		117.40	18 29.7	12.50	-35.0		36.21		34.00				133.70
. 17 25.4	115-14	- Z+, . ()	1.1	61.11	172	12.20		165.42				101,11	200.4070020	-11.4	45.45		60.10	-16.4	127.55	1016	170.10
P dead		in the t	2.3	84.27	1.50	9.1.0	-26.5	41.32	834	90.00	22 19,5	.130.26		-21.1		M21	12.70	- 17 . 1	100.11	962	107.90
				31.50	1 234	1961				- ×			,		63.19	9.71	90.00	-26.9	a). 24	79.6	95.00
1 0 10 0	141.10	v 10.5		- 41.05			22.4	-#1.10	940	90.00	Ver review	of March Section			JUN	1 24.	1963				
	172.41	2.7		- 67 14				-105.14				188.30	20200000		-83.18	2-E-(15)-7-(5)	90.00		-83.23		
The state of the s	74.1.44	5		45.14				-129.25				211.62	40.0		-45.45		12.70	12-2	6 65 . 1C	976	167
LANCON CONTRACTOR - CONTRACTOR	2 4 . 19			- Inchin				-1/7.78			1 6 0.3	746.71	35.0		-16.21		60.70	19.4	-424.45	1024	119.44
. DOI: 10 F2.100765 10	219.11	7040		-17.67		13.7		-144.19				275.44	10.0	12.4	-24,45	714	49.4		111.70		
11 71.7	318.95			0.		40.0	38.4	-105.22	1135	140.1		314.00	50.0	9.	-17.49		41.1	.7.	-1540	1129	130.3
The second secon	107.5			11.44		41.×		144.58			13 40.5	1.17	-20-0	-".0	17.44		43.4		169.35		
1 36.7	16.17	***		34 . / 1		54.0		130.16				32.29	- 10.C	- 12.4	24.85	112	49.4		117.77		
	9. 1							120.56			17 30.7		-40.0		36.21		74.11	- 11. "	177.72	14200	126.10
	1 - 1							105.40				117.5		-21.8	61.46		12.30		100.00		
17 1	37		- 1 - 1	14 1836	114.5	49:40		es.30	401	40.0.		144.73			11.17		30.00		23. 41		
A Land											THE PARTY OF THE										