## PROJECT 10073 RECORD CARD

7 February 1963 3. DATE-TIME GROUP Local	2. LOCATION  15.34N 100.48  4. TYPE OF OBSERVATIO  XXXGround-Visual	N (POXIFIC)  N Ground-Radar	12. CONCLUSIONS  Was Balloon Probably Balloon Possibly Balloon Was Aircraft Probably Aircraft							
GMT 07/12307  5. PHOTOS  D Yes  XDXNo	6. SOURCE military	□ Air-Intercept Radar	T D 'LL A' fe							
7. LENGTH OF OBSERVATION 5 minutes	8. NUMBER OF OBJECTS	northeast	☐ Insufficient Data for Evaluation☐ Unknown							
Satellite sighted at below star Antares. Mard direction of abo Appeared to be in pol	deving in north- out 035 dgr T.	II. COMMENTS  ECHO data not available: Sight- ing is characteristic of Satellite and was reported as a satellite sighting not a UFO.  ECHO (KOZEV EGANTON, AT 99.75  ALIM IN AT 12282 ACADIM VE DEFINITE ECHO I SIGNATURE								

ATIC FORM 329 (REV 26 SEP 52)

07/12302

OFTIONAL FORM NO. 10 . 5010-103

UNITED STATES GOVERNMENT

## Memorandum

TO : J. S. Lacey, OPI

NASA, Greenbelt

FROM : U.S. Naval Oceanographic Office

Code 5511:GEB

SUBJECT: Satellite sighting

Encl: (1) Reproduction of letter from USS MARYSVILLE dtd 13 Feb.

1. Enclosure (1) is forwarded for your information.

GEORGE BUCKWALTER

DATE: 19 February 1963

U. S. S. MARYSVILLE (EPCER-857) CO FLEET POST OFFICE SAN FRANCISCO, CALIFORNIA EFCER857/EZ:qn 23/3161 13 February, 1963 From: Commanding Officer, USS MARYJVILLE (EFCER 857) Commander, U.S. Naval Oceanographic Office, Suitland, Maryland To: Subj: Satellite sighting; report 1. The USS MARYSVILLE (EPCER 897) in position 15-34.5N, 100-48.3W, on course 020°T, speed 6.4 knots, at approximately 1230 GMT., sighted a Satellite bearing 147°T at an altitude of 42° which when first sighted appeared slightly lower than the star Antares and moved in a northward direction, and disappeared on a bearing of 035°T. The entire observation taking about five (5) minutes. The satellite appeared to be in a polar orbit. Sighting made 7 February 1963. 2. The cky was broken with Cumulus and Cirrus clouds. Air temperature 81°F and Barosetric pressure 3.91 inches, seas cals. Copies to: Mayutherretory, Wash, D.C. U.S. Navy Branch Office Oceanographic, Wilmington, Cal.

11MO-SHIPS-5216/23 (3-61)

## - SATELLITA . POO TOTA 1, ECHO I

These predictions are based on orbital elements revised on January 28, 1963

T. - January 29 G. times are in days, U.T.

Argument of parises - 8:25 + 4:142 (c-T.)

Eight ascension of ascensing made - 255:063 - 1:2627 (c-T.)

Inclination = 47:2669

Eccentricity = 0.035219 - 2.141 x 10 (t-T.)

Sepi-major axis = 7.858130 megaseters

Head anomaly (Rev.) = 0.24414 + 12.461969 (t-T.) - 1.37 x 10 (t-T.)

EQUA			54	TELLITE	POA I	IOTA 1 UTHER LA	1110065	wasu	EG i The		EQUA S-			5.4	SOUTH-	FOR C	THER LA	ritunes	NORTH-	SOUTH		7.2
TIME (UI)	LONG.	LAT.	TIME CORR.	LONG.	HF.	WEAR.	TIME CORR.	LUNG.	11.		TIME	LONG.	LAT.	TIME CORR.	LONG.	HT.	BEAR.	TIME CORR.	LONG.	200 A CONTRACTOR OF THE PROPERTY OF THE PROPER	SEAR.	
				FEBRUAR									4		FEBRUAR	Y 6.	1963					
	271.92	5/.5	21.2	-63.09	651			+00.1+		911.00		323.29	47.5		-83.10		90.00		-83.15	315	107.84	
3 28.1	332.13	40.0	18.2		2000	60.70		-105.21		110.58	5 40.8	152.49	40.0		-45.73	Contract date	64.74		-120.40	884	114. 14	
1 23.1	1.53	35.0	15.3		112			-129.99		126.10	1 36.3	21.70	35.0	15.4	-30.09		54.00		-1 10.06	910	124.1•	
11 14.6	54.44	20.0	12.8	-28.75		43.70		-137.29		130.70	11 27.2	60.10	20.0	8.4			43.70		-137.37	11100000000	130.60	
11 10.1	84.14	0.	0.	0.		40.0-		-165.66			11 22.6	109.30	0.	0.	0.		34.40		-165.80		140.24	
15 5.5	110.35	20.0	-9.4	17.16	816			140 00			15 18-1	145.51	-241-0	-8.5	17.35		43.70	+50.0	147.83		130.00	
17 1.0	147.59	-1.10	-11.1	78.68	854	54.0=		130507			17 13.5	196.91	-30.0	-13.3	35.94		51.90	42.0	129.40			
21 51.0	265.96	15.0	-15.7	45.61	931			420.00			21 4.4		-40.0	-19.1	45.53		66.50	-16-7	114.86			
20 47.3			-22-4	60.79	440	12.40	22.1	10mm	1.4 14	Talleta	27 59-4	255.32	-45.0	-23.3	60.68	941	72.20	13	104.15		197.8*	
		-41.5	-28.2	82.53	493	10.00	- 23.3	22.30	9.73	W(10.00.4)				-28.7	20		90.0-		H2.15	13.32	90.00	
				FEBRUAR	Y 3.	1961								34 2020 E	FEBRUAR							
53,000,000,000,000	244.36	37.5	21.2		*41			-85-14	941	90,00	3 55.3		47.5	21.2			90.0		-83.15	308	90.04	
2 18.2	293.57	45.0	22.2	-45.14	791			-105.04	3 24	197000 110000	2 50.8	313.73	40.0	15.3	-60.96	161	60.10		-105.27	342	157.50	
6 2 1 1	351.77	10.0	45.3	- 16.10	165			-130.01		Lebita.	6 41.7	12.13	35.0	15.4	-36.08		54.00		-130.07	399	125.0.	
9 24.5	21.14	10.0		-28.75	100	+1.40		-137.31		4311.6×	# 17.1		10.0		-28.73		49.40		-137.30			
10 20.0	55.38	20.0	5.3			43.70		-165.73			12 28.0	79.14	20.0	3.	-17.39		39.90		-145.63	4,0,0,0,0	110.44	
12 15.5	105.79	-20.0	-5.4	17.37		45.7		197.95			1. 23.5		-20.0	-3.6	17.34		43.70		147.80			
10 6.4		-33.0	-13.1	28.67		44.44	-44.4	154.73	1385	136.7*	16 18.9		-30.0	-13.3	28.61		44.40		136.62			
	167.19	-15.0	-15.8	35.99		94.00		179.52			18 14.4		-35.0	-16.6	35.92		53.9.		177.36			
19 51.1		-411+17	-19.5	60.76		1/12*		114.08 Fire-on			22 5.3		-40.0	-19.2	60.65		12.2		104.71			
11.52.0		*1.5	-21.4			vu.0.		302/195					-47.5	-28.9			90.0	-20.49	62.12		40.00	
				FEDRUAR	r 34	1903									FEBRUAR	Y 8,	1703					
1 . 4.7	10.01	+1.5	27.7	-83.10	21.	****	21.2	953.49	3.33	40.00	0 4.7	274.96 .	47.5	27.2	-81.09	801	70.00	37.5	-63.14	901	90.0	
	113.71	45.0		-60.41	191	12.20		-102.25		101-0.		304.16	45.0		-60.46		12.20		-105.27		107.70	
5 14.0	197-41	-9-4				ed. 1.		-120-14		175.14	5 21.6	\$31-37	40.0		-45.71	3.515711.200	60.70		-170.41	27.00	11	
1 33.0	45.42	10.5	12.7	-36,10		34.0		-137.11			7 47-1	31.77	35.0	12.4	-36.07		69.40		-130.08		130.60	
11 40.0	16.02	10.0	9.1	Contract Con		61,14		+148-50			9 18.0	60.41	24.0	5.4	-17.38	1/4/7/17	41 77		-134.65			
11 16.4	11.11	D.v	94	tire .		1310+				186.77	11 13-4	40.15	-	9.	UL	312	31.90	15.9	107.30	43.60	140,00	
14 11-4		20.0	-0.5	28.00		41.44		110,10			11 22.9		-20.0	-3.6	11.13		43.7*		141-76			
14 2.1		- 15.0	-15.8			55,00		1/9-10			17 19.8		-10.0	-13.4	35.91		54.90		129.32			
20.58.2		-40.0	-13.9	45.57	9.31	61.5.		114,44			19 1552		+441-0	-19.2	45.48	No. 2 (1)	60.00		119-79			
21 53.6	295.24	- 95.0	- 23.1	60.14		12-21		11-12			21 10.7		-45.0	-23.5	60.63				104.68			
		-41.5	-28.5	62.11	101+	90.00	-26.9	62.81	1000	* 15-11-5	23: 6.1	203.19	-47.5	-59-0	82.44	1047	40.00	+29.0	62.59	13.90	40.0*	
				FEBRUAR	y 5,	1953									FEBRUAR	Y 9.	1961					
0 44.5	.14.45	47.5	27.2	-81.10	823	40.0	23.72	entire la	3.62	40.50	1 1-5		47.5		-83.09		90.00		-81.14		90.0+	
	321.65	+5.0	12.1	-60.71	2.34	17.20	52.3	+100-25	342	107-14	4 52.4		40.0	100000000000000000000000000000000000000	-45.70		60.10		-120.44		107.50	
	317.45	46.0		-45-73		60.70		1120135		119.10	6 41.9	22.21	15.0	DAACA	-36.06		54.0		-1:0.0:	170	125.50	
4 10 9	7.05	15.3	12.4			49.55		-130,03		114 14	6 43.3	51.51	30.0	13.0	-26.71	745	44.40	91.9	-137.40	8 99	132.60	
13 /5.1	31.20	10.0	12.9			41.11	41.0	-145-57	18-	134.40	10 10.0		20.0		-11.11	0.00	43.70		-140.66			
		D.	12.0	. 0.0	1007	11114	56.1	+165-17		161.74	12 14.7		-20.0	-8.7	17.32		41.74		141.11			
11 47-2	11:017	70.0	815			44-14		120-1		110011	Doublet.		-10.0	-11.5	28.55		44.44		130.55			
	Andrew !	A BOAR	-11-4	35.70		311.75		129117			11 24-6	146.45	-32-11	-10.2	11.34	750	1.3.75	967.7	46 84 6 11	1.34	170.15	
	70.00.00	1000		15.15						115 00		275.52	411-2	19.1					144-15			
		- 4"		4 . 11		15.50		104-7			. (112		41		85.40				10-16			
					1200	113	-25.6	62.78	1773	90									-			