## PROJECT 10073 RECORD CARD

1. DATE 18-24 June 1963	Shimya, (Japan)	to San Pedro	12. CONCLUSIONS  Was Balloon Probably Balloon				
3. DATE-TIME GROUP  Local	4. TYPE OF OBSERVATIO	N  Ground-Radar  Air-Intercept Radar	Possibly Balloon  Was Aircraft  Probably Aircraft  Possibly Aircraft				
S. PHOTOS  D Yes  E No	civilian		Probably Astronomical Possibly Astronomical Possibly Astronomical				
7. LENGTH OF OBSERVATION not reported	one	SE, NE	OtherSatellite ECHO I Insufficient Data for Evaluation Unknown				
Seven observations of Sate by observer to be same objeofVEGA. Observations made for vessel MS Ascanius.	ct. Had magnitude	Observation of Satellit	ns conform with passage te ECHO I.				

ATIC FORM 329 (REV 26 SEP 52)

OPTIONAL TORM NO. 10

UNITED STATES GOVERNMENT

## Memorandum

TO

J. S. Lacey, OPI NASA, Greenbelt Code 5511:CW

DATE: 20 August 1963

FROM

: Nautical Information Branch U.S. Naval Oceanographic Office

SUBJECT: Satellite sighting; report of

Encl: (1) Ship Visit Report from MS ASCANIUS dtd 8 Aug 1963

1. Enclosure (1) forwarded for your information.

to this matter will be appreciated.

Ed Mason

Public Information Officer Goddard Space Flight Center

SHIP VHSIT REPORT Encl. (1) PRNC-NHO-3821 1 (Rev. 12-60)		
Baltimore, Maryland.	'8 Aug. 1963	290-63
MS/AS ASCANIUS	British	7692.37
CARGO PASSENGER TANKER	TOTHER	16 475
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PORTS VISITED		8 33,
E. W. ALKIN	DITTIGER INTERVIENCE (Your And Fank).	Sec MASE
HELVIN NOCHES	HYDROGRAPHIC OFFICE EVALUATION	
LORAN EQUIPMENT (Type)	DISPOSITION	
THIS SPACE TO BE USED FOR		
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California a satellite ma	s observed as	/ www.
all Times are G. M.T.		
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10 July 10				3 *																		
1 2	27.1	121.92	47.4	28.7	-82.72	1088	90.00	20.7	-52.76	1068	90.00		137.15	47.4	28.0	-82.89	1042	90.00	28.0	-42.93	1042	90.0
3 :	22.2	151.43	45.0	23.2	-60.00	1050	72.30	34.3	-104.58	C. 474 F. F. 165	107.70	3 14.6	164.75	45.0	72.6	-61.00	969	12.30	and the second second	-104.77		Printed States (March 1994)
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Market Street, Toronto,	12.3		35.0	15.7			54.00		-129.26	N 700701 AMEDICAL	124.10	7 4.7	234.46	35.0	15.4	-34.15	861	54.00	41.5	-129.44	1142	126.1
CANADA CONTRACTOR OF THE PARTY	7.3		30.0		-24.73		49.4+		-134.51	The second secon	130.70	8 59.7	253.56	30.0	12.8			49.40		-134.71		
		267.46	20.0		-11.46		43.70		-147.65		136.50	10 54.0	242-44	20.0	8.2	-17-47	740	43.4-		-147.05		
	57.4	296.56	0.	0.	0.	720	CONTRACTOR SALES	41724224	-104.75			15 4018	311.76	0.	0.	0.	675	40.00		-164.91		CONTRACTOR CONTRACTOR
Committee of the Commit	52.5	325.41	-30.0	-8.1	17.49	664	The second secon	-45.6		914	136.40	14 44.0	340.86	-20.0	-8.0	17.52		43.80		148.84	1036	
THE CONTRACT OF THE CONTRACT O	47.6	354.76	-30.0	-12.4	28.89	056	7 C 10 C 1	-40.7		969	130.60	16 39.9	9.96	-30.0	-12.3	28.93	647	49.50	-40.9	137.41	970	
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MORE THAT THE PARTY OF THE PART	37.7	52.17	-40.0	-17.6	45.95	666		-35.0		632	119.30	20 29.9	65.17	-40.0	-17.5	46.01	676	60.80	-35.1		888	
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True I			-47.4	-26.1	83.31	728		-26.1	L 0.00000000000000000000000000000000000	726	90.00			-47.4	-26.1	83.36	127727	90.00	-26.1		765	90.0
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AND DESCRIPTION OF THE PARTY OF		111.20	47.4		-82.16				-42.80				155.47	45.0		-61.04		72.30		-82.97		
Mark To Mark Street, and The Colonia, Street,		140.11	44.0		-60.90	A A 22 / G S / C - C	72.30	34.2	-104.63	1129	107.70		184.57	40.0		-45.80		60.70		-104-85		
11.75 (4.5)		109.41	40.0		-15.56	955	60.70	35.7	-119.77	1156	119.40		213.67	35.0	TARREST TATE	-36.17				-119.98		
The second secon	15.0		35.0	17.7	-10.01	910	34.00	42.2	-114.10	1167	120.10		242.77	30.0	17.7	The second secon	The second second second	54.0		-129.51		
And the second second		221.62	30.0	13.0	-28.16	371	49.40	45.1	-115.55	1110	130.70		271.67					49.50		-136.76		
The second second second second	3.1		20.0	3.3	-17.43	905	43.10		-147.10				300.97	20.0	200	-17.48		43.80		-147.90		
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17	43.3	13.15	35.3	-14-8	36.29		54.1.	-38.0			126.00	17 35.3	No. of the Control of	-35.0	-14.7	36.13	100 miles (100 miles (	54.10		130.28		126.0
19	34.3	42.26	-46.0	-17.6	45.94		60.8e		170.71		119.30	19 30.3		-40.0	-17.4	46.02		60.80	-35.2	120.67	903	119.1
21	33.4	71.36	-45.5	-21.3			12.40		105.43		107-6-	21 25.3		-45.0	-21-2	61.35	No. 10 (1987)	72.4-	-31-1	105.41	844	101.7
23 2	28.4	100.41	-47.4	-26.1			90-0-	-26.1	SSIGN 12 17 30 15 A		Company of the Compan	23 20.4	115.57	-47.4	-26.1	83.38	175	90.0-	-26.1	03.42	775	90.0
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Testille.						No Goran							2									
1	23.5	129.57	47.4	28.4	-02.01	1067	90.0-	28.4	-02.84	TAGE	90.00		144.67	47.4		-82.98			27.7	-83.01	1015	90.0
3 1	18.5	158.07	. 45.0		-60.95		72.30		-104.48				173.11	45.0		-61.07		72.30		-104.87		
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A. C. Salar Street, St. Co., S		216.65	35.0		-34.10		54.00		-129. 15				231.96	35.0		-36.19		34.00	41.1	-129.57	1153	176.1
And the second second		245.99	30.0		-28.76		49.4.		-136.40				261.06	30.0		-28.84	223,000,000	49.50		-1 36.82		
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. 10 .	*3.0		-70.0	-12.1			49.50	-40.8			7 (5 (F) 3 (F)	16 35.4		-30-0	-12.2	28-94		49.5	-10VILTY1071	137.56		
18	38.9	31.51	-15.0	-14.7			34.10		130.35		170.00	18 30.6		-35.0	-14.6	36.33		54.1*	1407-48 TO TOO	130.26		176.0
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		89.71		-21.3			12.40		105.43	7 2 2 2 2 2 2	107.60	22 20.1	104.75	5020 D*F	-21.2	COLD (\$10.2102)	256 157	72.40	-31-1	105.40	859	107.7
JAK FL	*9.70			-26.1			90.00		83.42		90.00			-47.4	-26.1	63.36	768	90.00	-26.1	83.41	768	90.0
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		177.02	40.6		-45.74		12. 10		-104.72			HEFEREN	CE TIPE I	1953 Y 6	9 H B D	1 # 17	- 00 M	UT				
		206.13							-119.87			INCLINA	11th 47.	.24 DEG.			200 200	TALL OF THE PARTY				
THE RESERVE OF THE PARTY OF THE		235.21	35.0		-36.12				-129-40			ASCENDE	NG NOCE !	(LONG.)	95.26 D	EG. WEST		4				
WITH THE RESERVE AND THE PERSON NAMED IN		264.31	30.0		-20.78				-136.65			PRIME S	WEFP INTE	ERVAL CH	E CAY -	16.73 MI	N.					
Market Street Control of the Control	191.20 mm.		20.0	2000	-17.45		41.40		-147.19			ARGUMEN	T CF PEPI	GEE 258.	04 CEG.	Walter State	Wo Le	Tale of	0			
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4 30.10		327-34	-70.0	-11.0	17.51	646	43.64	-45.8	145.37	1019	136.40	ANDMALISTIC PERIOD 115-187 MIN.										

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954 130.60

916 126.04

873 114.3.

817 107.60

ASCENDING NOLE (LONG.) 45.26 DEG. WEST
PRIME SWEEP INTERVAL CHE CAY -16.73 MIM.
ARGUMENT OF PEPIGEE 258.04 CEG.
RATE OF CHANGE 0.27079 DEG. PER PERIOD
ANDMALESTIC PERIOD 115.187 MIN.
RATE OF CHANGE -0.00046 MIN. PER PERIOD
ECCENTRICITY 0.04747
RACIUS OF PERIOEF 4041.1 MILES
RADIUS OF APOGEE 5102.7 MILES
RATE OF CHANGE -0.32 MILES PER DAY
ASCENDING NOVE 1H.A.1 189.69 DEG.
RATE OF CHANGE -3.29820 DEG. PER DAY
LATITURE OF PERIOEE-44.21 DEG.
HEAD-IN EXPECTED MAG. 41